

BAGIAN I

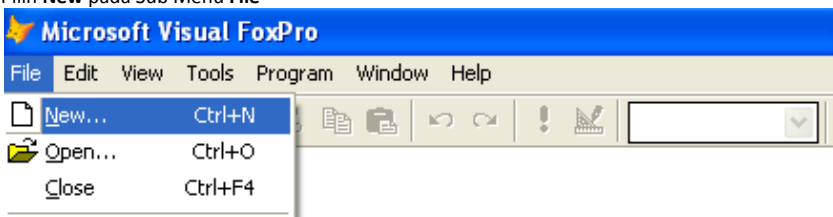
Tujuan :

1. Membuat Project File
2. Membuat menu program
3. Menguji Menu Program

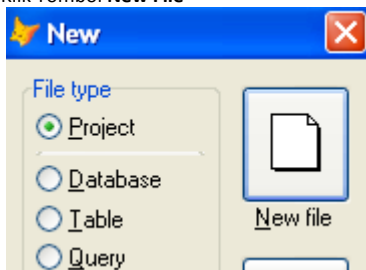
A. BAHAN PRAKTEK I

1.1 Membuat Project File FIFO

1. Buka Program Microsoft Visual FoxPro 9.0
2. Klik Menu **File** pada **Menu Bar**
3. Pilih **New** pada Sub Menu **File**



4. Pilih Type File **Project**
5. Klik Tombol **New File**

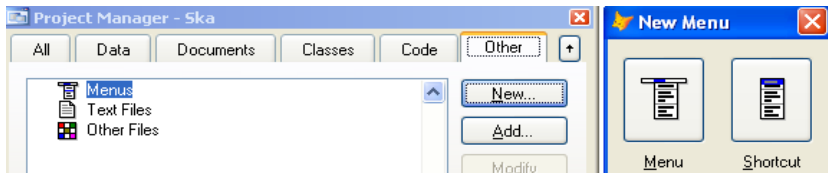


6. Pada kotak dialog **Save in** Pindahkan folder ke Forder PRG di Folder Anda, Jika belum ada silahkan anda buatkan dulu: **O:\FIFO>NamaAnda\PRG**
7. Isi baris **Enter Project File** dengan **FIFO** (Nama File Project)
8. Klik tombol **Save**

1.2 Membuat Menu Program

1. Klik Page **Other** pada Project File FIFO
2. Pilih **Menu**
3. Klik tombol **New**

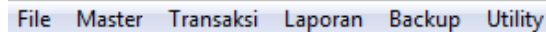




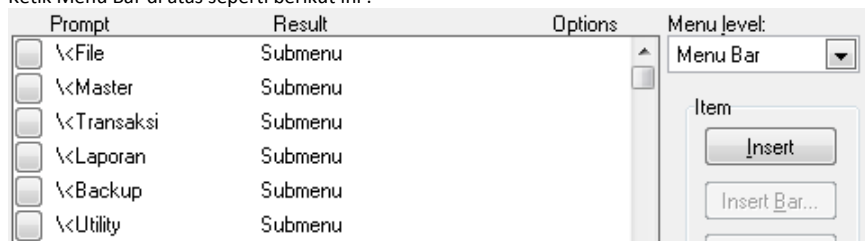
4. Klik Tombol **Menu**

1.3 Membuat Menu Bar

SISTEM INFORMASI INVENTORY TREE UTAMA MODIFICATION

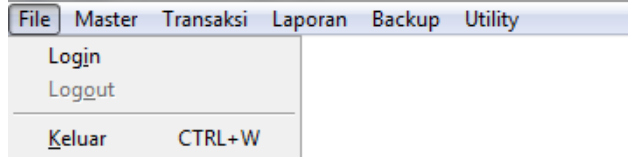


Ketik Menu Bar di atas seperti berikut ini :

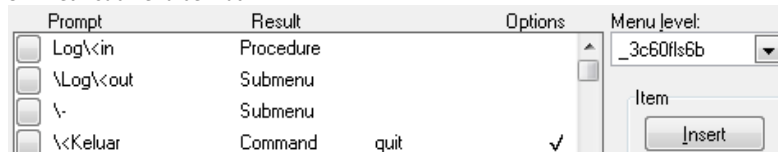


1.4 Sub Menu File

SISTEM INFORMASI INVENTORY TREE UTAMA MODIFICATION



1. Klik pada prompt **File**
2. Pilih Result **Submenu**, kemudian Klik tombol **Create** sebelah kanan **Submenu**
3. Ketik submenu berikut :



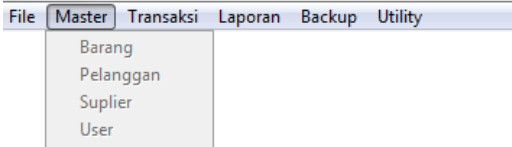
4. Untuk memasukan perintah CTRL+W, klik pada tombol Option, kemudian klik pada textbox (**press the key**) tekan **CTRL+W**. Lalu tekan tombol **Ok** untuk mengakhiri.
5. Pada prompt **Logout**, ganti result dengan **Procedure**, kemudian ketik prosedur berikut :



```
IF TYPE ("FORMLOGIN") # "0"
DO FORM o:\FOXPRO\NAMA\prg\FORMLOGIN.SCX
ENDIF
```

1.5 Sub Menu Master

SISTEM INFORMASI INVENTORY TREE UTAMA MODIFICATION



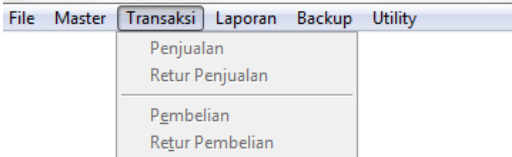
1. Pindahkan **Menu Level** ke **Menu Bar**
2. Klik Prompt **Master**
3. Pilih Result **Submenu**, kemudian klik tombol **Create** sebelah kanan **Submenu**
4. Ketik submenu berikut :

Prompt	Result	Options	Menu level:
<input type="checkbox"/> \Barang	Submenu		Master
<input type="checkbox"/> \Pelanggan	Submenu		Item
<input type="checkbox"/> \Suplier	Submenu		<input type="button" value="Insert"/>
<input type="checkbox"/> \User	Submenu		

1.6 Sub Menu Transaksi

Lakukan perintah seperti di atas, untuk membuat submenu dari Transaksi berikut ini :

SISTEM INFORMASI INVENTORY TREE UTAMA MODIFICATION



1.7 Sub Menu Laporan

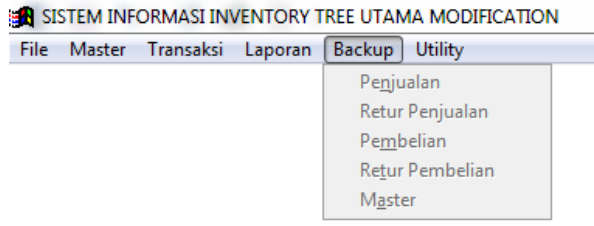
Buatkan lagi submenu Laporan berikut dengan cara seperti membuat submenu Master.





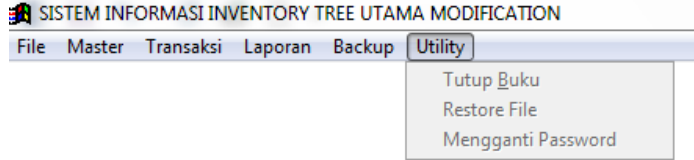
1.8 Sub Menu BackUp

Lakukan perintah yang sama untuk membuat submenu **BackUp** berikut :



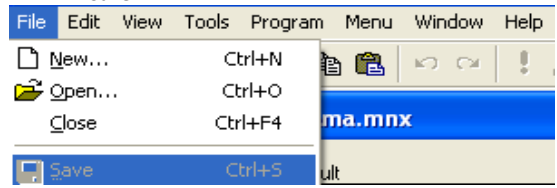
1.9 Sub Menu Utility

Lakukan pula perintah seperti di atas untuk membuat submenu **Utility** berikut :



1.10 Menyimpan Menu Program

1. Klik Menu **File** pada **Menu Bar**
2. Pilih **Save**



3. Pada kotak dialog **Save in**, pindahkan ke folder **PRG** di folder Anda
4. Ketik nama file **MenuAdmin** pada baris Save Menu As, kemudian Klik tombol **Save**



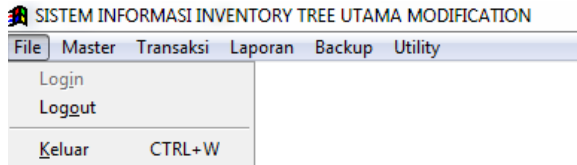
1.11 Menguji Menu Program

1. Klik tanda + di sebelah kiri **Menus** pada page **Other**
2. Klik File **Menutama**, kemudian Klik tombol **Run**

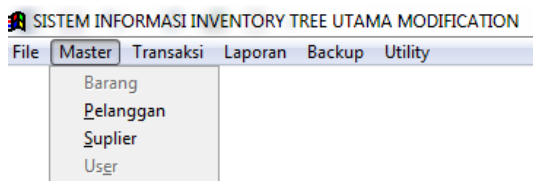
B. LATIHAN I

Buatkan Menu Program Berikut, dan simpan dengan nama **MenuUser** :

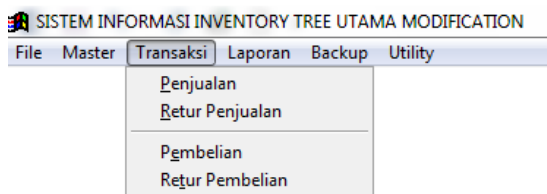
1. Sub menu File



2. Sub menu Master



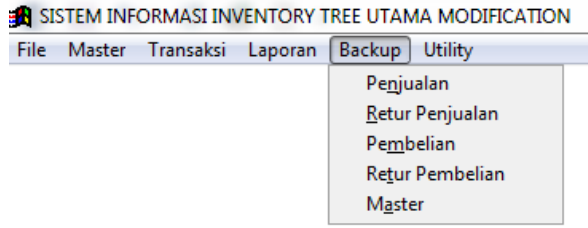
3. Sub menu Transaksi



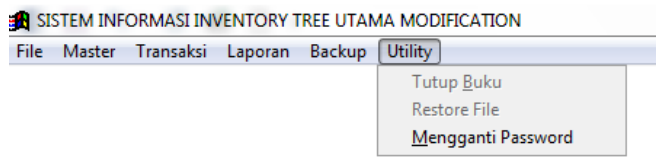
4. Sub menu Laporan



5. Sub menu BackUp



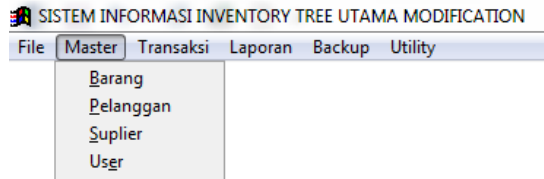
6. Sub menu Utility



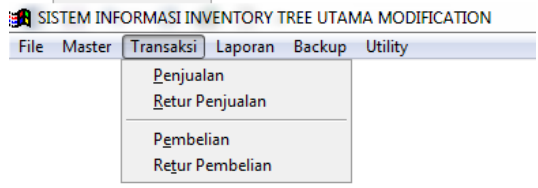
C. TUGASI

Buatkan Menu Program berikut, dan simpan dengan nama **MenuAdmin**:

1. Sub menu **File** dan **BackUp** sama dengan **MenuUser**
2. Sub menu **Master** adalah sbb :



3. Sub menu **Transaksi** adalah sbb :

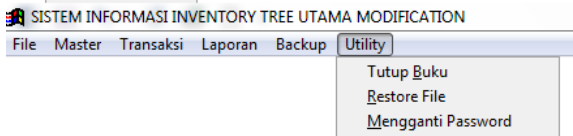


4. Sub menu **Laporan** adalah sbb :





5. Sub menu **Utility** adalah sbb :



BAGIAN II

Tujuan :

1. Membuat Database DATAFIFO
2. Membuat Tabel USER
3. Membuat Free Table TMPUSER
4. Membuat Form Login
5. Connection File Form
6. Menguji Form dan Menu Program

A. BAHAN PRAKTEK II

2.1 Membuat Database DATAFIFO dan Tabel USER, serta Free Tabel TMPUSER

1. Buat Database **DATAFIFO** pada folder DATA di folder Anda (O:\FIFO\NAMA\DATA)
2. Buat Tabel **USER** pada database **DATAFIFO** dengan struktur sbb :

Name	Type	Width	Decimal	Index
nouser	Varchar	10		↑
namauser	Varchar	25		
jabat	Numeric	1	0	
pswd	Varchar	10		↑

3. Berikan Primary Key pada field **NMID**
4. Simpan dengan nama file **USER**
5. Buatlah lagi Tabel **TMPUSER** pada Free Tabel dengan struktur file yang sama dengan Tabel **USER**

2.2 Membuat Form LOGIN

1. Buatlah Form Login sbb :

2. Isikan Procedure berikut pada form Login

- a. Object Form1 Procedure ACTIVATE


```

set exact on
set defa to O:\FIFO\NAMA\DATA
if used('user')
use in user
endif
if used('tmpuser')
use in tmpuser
endif
SELECT a
      
```




```

USE tmpuser
SELECT b
use user
set order to tag nouser
set order to tag pswd
thisform.nouser.value=""
thisform.pswd.value=""
RETURN

```

b. Object Form1 Procedure UNLOAD

```

close data
close index
RETURN

```

c. Object LOGIN Procedure CLICK

```

IF EMPTY(thisform.NoUser.value)
    messagebox("Nomor User tidak boleh kosong...!",0,"Perhatian...")
    thisform.NoUser.setfocus
    RETURN
ENDIF
IF EMPTY(thisform.PSWD.value)
    messagebox("Password tidak boleh kosong...!",0,"Perhatian...")
    thisform.pswd.setfocus
    RETURN
ENDIF

```

```

SELECT User
set order to tag NoUser
LOCATE FOR NoUser=TRIM(thisform.NoUser.value)
if ! found()
    messagebox("Maaf User Id Anda Belum Terdaftar...!",;
0,"Perhatian...")
    thisform.NoUser.setfocus
    retu
else
    set order to tag pswd
    LOCATE for NoUser=TRIM(thisform.NoUser.value) .and.;
    pswd=TRIM(thisform.pswd.value)
    if ! found()
        messagebox("Maaf Password Tidak Dikenal...!",0;
"Perhatian...")
        thisform.pswd.setfocus
        retu
    ELSE
        SELECT tmpuser
        DELETE ALL
        SET DELETED OFF
        PACK
        APPEND FROM user FOR NoUser=TRIM(thisform.NoUser.Value)
        IF tmpuser.jabat=1
            DO e:\fifo\nama\prg\MENUUSER.MPR

```



Created By Eneep Supriatna, SE, S.Kom, MM

```

ELSE
IF tmpuser.jabat=2
DO e:\fifonama\prg\MENUADMIN.MPR
ENDIF
ENDIF
thisform.release
endif
endif

```

- d. Object **BATAL** Procedure **CLICK**
- ```

thisform.release
retu

```

### 2.3 Connection Form LOGIN ke MenuAdmin

1. Buka Menu Program **MenuAdmin**
2. Klik Prompt **File** pada Menu Level MenuBar
3. Pilih Result **Submenu**, kemudian Klik **Edit**
4. Klik Prompt **Login** pada Submenu **File**
5. Pilih Result **Procedure**, kemudian klik **Create**
6. Isikan procedure berikut :

```

IF TYPE ("FORMLOGIN") # "0"
DO FORM o:\FIFO\nama\prg\FormLogin.SCX
ENDIF

```
7. Simpan MenuUtama1
8. Klik Tombol RUN, untuk menguji MenuUtama1

## B. LATIHAN II

1. Buatlah Form Kelola Data USER dengan LayOut sbb :

| No User | Nama User | Jabatan |
|---------|-----------|---------|
| labl    | labl      | labl    |

2. Procedure Form Kelola Data USER :
  - a. Object Form1 Procedure LOAD

```

close data
close index

```



```

set exact on
set defa to o:\fifo\nama\data
if USED("user")
USE IN user
endif
SELECT A
USE user
set order to tag NoUser
RETURN

```

- b. Object Form1 Procedure UNLOAD

```

CLOSE DATABASES
CLOSE INDEXES
RETURN

```
- c. Object Form1 Procedure Aktifkan

```

PARAMETERS x
thisform.namauser.Enabled=x
thisform.pswd.Enabled=x
thisform.jabat.Enabled=x
RETURN

```
- d. Object Form1 Procedure Kendali

```

PARAMETERS y
thisform.pertama.Enabled=y
thisform.sebelumnya.Enabled=y
thisform.berikutnya.Enabled=y
thisform.terakhir.Enabled=y
RETURN

```
- e. Object Form1 Procedure Kosongkan

```

thisform.pswd.value=""
thisform.namauser.value=""
thisform.jabat.value=0
retu

```
- f. Object Form1 Procedure Tampilkan

```

thisform.nouser.value=user.nouser
thisform.namauser.value=user.namauser
thisform.pswd.value=user.pswd
thisform.jabat.value=user.jabat
retu

```
- g. Object Form1 Procedure Activate

```

Public N
thisform.nouser.enabled=.f.
thisform.aktifkan(.f.)
thisform.kendali(.t.)
thisform.baru.enabled=.t.
thisform.keluar.enabled=.t.

```



```

thisform.hapus.enabled=.f.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.perbaiki.enabled=.f.
thisform.ud.enabled=.f.
thisform.kosongkan()
thisform.baru.setFocus()
thisform.grid1.readonly=.t.
thisform.grid1.enabled=.t.
return

```

#### h. Object NOUSER Procedure LOSTFOCUS

```

IF ! empty(thisform.nouser.Value)
IF len(trim(thisform.nouser.Value))<4
messagebox("Nomor User tidak boleh kurang dari 4 digit !",;
0,"Perhatian...")
thisform.nouser.setFocus()
RETURN
ENDIF
SELECT user
SET ORDER TO TAG nouser
SET EXACT ON
LOCATE FOR nouser=trim(thisform.nouser.value)
IF FOUND()
thisform.grid1.setFocus()
thisform.refresh
MESSAGEBOX("Data tersebut sudah ada..",0+48,"Perhatian...")
RETURN
ELSE
thisform.nouser.enabled=.f.
thisform.aktifkan(.t.)
thisform.kendali(.f.)
thisform.baru.enabled=.f.
thisform.keluar.enabled=.f.
thisform.hapus.enabled=.f.
thisform.simpan.enabled=.t.
thisform.batal.enabled=.t.
thisform.perbaiki.enabled=.f.
thisform.ud.enabled=.f.
thisform.namauser.setFocus()
endif
endif
return

```

#### i. Oject PSWD Procedure LOSTFOCUS

```

IF ! empty(thisform.pswd.Value)
IF len(trim(thisform.pswd.Value))<4
messagebox("Password tidak boleh kurang dari 4 digit !",;
0,"Perhatian...")
thisform.pswd.setFocus()
RETURN

```



```
ENDIF
ENDIF
```

j. Oject CARI Procedure CLICK

```
if empty(thisform.nouser.value)
 messagebox("Nomor user Harus Diisi !",0,"Perhatian...!")
 thisform.nouser.setfocus()
 return
endif
SELECT user
SET ORDER TO TAG nouser
SET EXACT OFF
LOCATE FOR nouser=TRIM(thisform.nouser.value)
if FOUND()
 thisform.grid1.setfocus
 thisform.refresh
ELSE
 jawab=MESSAGEBOX("Data tidak ditemukan.."+CHR(13)+
 CHR(13)+"Mau menambah data baru ?",4+32,"Perhatian...!")
 IF jawab=6
 thisform.perbaiki.enabled=.f.
 thisform.ud.enabled=.f.
 thisform.batal.enabled=.t.
 thisform.baru.enabled=.f.
 thisform.simpan.enabled=.t.
 thisform.keluar.enabled=.f.
 thisform.hapus.enabled=.f.
 thisform.nouser.enabled=.f.
 thisform.aktifkan(.t.)
 thisform.kendali(.f.)
 thisform.kosongkan
 thisform.namauser.setfocus
 thisform.grid1.readonly=.t.
 thisform.grid1.enabled=.f.
 ELSE
 thisform.perbaiki.enabled=.f.
 thisform.ud.enabled=.f.
 thisform.batal.enabled=.f.
 thisform.baru.enabled=.t.
 thisform.simpan.enabled=.f.
 thisform.keluar.enabled=.f.
 thisform.hapus.enabled=.f.
 thisform.nouser.enabled=.f.
 thisform.aktifkan(.f.)
 thisform.kendali(.t.)
 thisform.grid1.readonly=.t.
 thisform.grid1.enabled=.f.
 endif
endif
return
```



- k. Oject CARI Procedure RIGHTCLICK
- ```

thisform.NoUser.Enabled=.t.
thisform.NoUser.setfocus
return

```
- l. Oject TAMBAH Procedure CLICK
- ```

thisform.NoUser.enabled=.t.
thisform.aktifkan(.f.)
thisform.kendali(.f.)
thisform.baru.enabled=.f.
thisform.keluar.enabled=.f.
thisform.hapus.enabled=.f.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.t.
thisform.perbaiki.enabled=.f.
thisform.ud.enabled=.f.
thisform.grid1.readonly=.t.
thisform.grid1.enabled=.f.
thisform.kosongkan
thisform.NoUser.setfocus
return

```
- m. Oject SIMPAN Procedure CLICK
- ```

IF EMPTY(thisform.nouser.value)
  messagebox("Isi dulu User Id-nya !",0,"Perhatian...")
  thisform.nouser.setfocus
  RETURN
ENDIF
IF EMPTY(thisform.pswd.value)
  messagebox("Isi dulu Password-nya !",0,"Perhatian...")
  thisform.pswd.setfocus
  RETURN
ENDIF
IF EMPTY(thisform.jabat.value)
  messagebox("Isi dulu Jabatannya-nya !",0,"Perhatian...")
  RETURN
ENDIF
IF len(thisform.nouser.value)<4
  messagebox("User Id minimal 4 Character...!",0,;
"Perhatian...")
  thisform.nouser.setfocus
  RETURN
ENDIF
IF len(thisform.PSWD.value)<4
  messagebox("Password minimal 4 Character...!",0,;
"Perhatian...")
  thisform.pswd.setfocus
  RETURN
ENDIF

```



```

SELECT user
locate for nouser=trim(thisform.nouser.value)
if found()
    messagebox("User Id ada yang sama !",0,;
    "Penyimpanan tidak bisa dilakukan")
    thisform.nouser.setfocus ()
    RETURN
endif
locate for pswd=trim(thisform.pswd.value)
if found()
    messagebox("Password ada yang sama !",0,;
    "Penyimpanan tidak bisa dilakukan")
    thisform.pswd.setfocus
    return
ENDIF
IF ! EMPTY(thisform.jabat.Value)
locate for nouser=space(10)
if ! found()
    append blank
endif
repl nouser with thisform.nouser.value
repl NAMAUSER with thisform.NAMAUSER.value
repl pswd with thisform.pswd.value
repl jabat with thisform.jabat.value
thisform.grid1.setfocus
thisform.Refresh
messagebox("Penyimpanan data sudah dilakukan !",0,;
    "Perhatian...")
thisform.perbaiki.enabled=.t.
thisform.ud.enabled=.f.
thisform.batal.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.keluar.enabled=.t.
thisform.hapus.enabled=.t.
thisform.nouser.enabled=.f.
thisform.aktifkan(.f.)
thisform.kendali(.t.)
thisform.grid1.readonly=.t.
thisform.grid1.enabled=.t.
return
ELSE
messagebox("Isi dulu Status-nya !",0,"Perhatian...")
ENDIF

```

n. Oject BATAL Procedure CLICK

```

thisform.NoUser.enabled=.f.
thisform.aktifkan(.f.)
thisform.kendali(.t.)
thisform.baru.enabled=.t.
thisform.keluar.enabled=.t.

```



```

thisform.hapus.enabled=.f.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.perbaiki.enabled=.f.
thisform.ud.enabled=.f.
thisform.grid1.readonly=.t.
thisform.grid1.enabled=.t.
thisform.kosongkan
thisform.NoUser.setFocus
return

```

o. Oject HAPUS Procedure CLICK

```

SELECT user
LOCATE FOR nouser=TRIM(THISFORM.nouser.Value)
n=RECNO()
ljawab=messagebox("Anda Yakin ?",4+32+256,;
"Record ini mau dihapus !")
if ljawab=6
    DELETE FOR nouser=TRIM(THISFORM.nouser.Value)
    set dele on
ENDIF
goto n
thisform.grid1.setFocus
thisform.refresh
thisform.perbaiki.enabled=.t.
thisform.ud.enabled=.f.
thisform.batal.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.keluar.enabled=.t.
thisform.hapus.enabled=.t.
thisform.nouser.enabled=.f.
thisform.aktifkan(.f.)
thisform.kendali(.t.)
thisform.grid1.readonly=.t.
thisform.grid1.enabled=.t.
return

```

p. Oject KELUAR Procedure CLICK

```

set order to
set dele off
SELECT user
pack
thisform.release
return

```

q. Oject PERBAIKI Procedure CLICK

```

SELECT user
n=RECNO()
thisform.perbaiki.enabled=.f.
thisform.ud.enabled=.t.

```




```

thisform.batal.enabled=.t.
thisform.baru.enabled=.f.
thisform.simpan.enabled=.f.
thisform.keluar.enabled=.f.
thisform.hapus.enabled=.f.
thisform.aktifkan(.t.)
thisform.kendali(.f.)
thisform.pswd.setfocus
thisform.grid1.readonly=.t.
thisform.grid1.enabled=.f.
return

```

r. Oject PERBAIKI Procedure CLICK

```

IF EMPTY(thisform.nouser.value)
  messagebox("Isi dulu User Id-nya !",0,"Perhatian...")
  thisform.nouser.setfocus
  RETURN
ENDIF
IF EMPTY(thisform.pswd.value)
  messagebox("Isi dulu Password-nya !",0,"Perhatian...")
  thisform.pswd.setfocus
  RETURN
ENDIF
IF EMPTY(thisform.jabat.value)
  messagebox("Isi dulu Jabatannya-nya !",0,"Perhatian...")
  RETURN
ENDIF
IF len(thisform.nouser.value)<4
  messagebox("User Id minimal 4
Character...!",0,"Perhatian...")
  thisform.nouser.setfocus
  RETURN
ENDIF
IF len(thisform.PSWD.value)<4
  messagebox("Password minimal 4
Character...!",0,"Perhatian...")
  thisform.pswd.setfocus
  RETURN
ENDIF
jawab=messagebox("Mau Memperbaiki Data Sebelumnya
?",4+32,"Perhatian...!")
if jawab=6
  SELECT user
  GOTO N
  repl nouser with thisform.nouser.value
  repl NAMAUSER with thisform.NAMAUSER.value
  repl pswd with thisform.pswd.value
  repl jabat with thisform.jabat.value
  thisform.refresh
endif
thisform.perbaiki.enabled=.t.

```



```

thisform.ud.enabled=.f.
thisform.batal.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.keluar.enabled=.t.
thisform.hapus.enabled=.t.
thisform.nouser.enabled=.f.
thisform.aktifkan(.f.)
thisform.kendali(.t.)
thisform.pswd.setFocus
thisform.grid1.readonly=.t.
thisform.grid1.enabled=.t.
return

```

s. Oject PERTAMA Procedure CLICK

```

SELECT user
go top
if eof()
messagebox("Tidak ada record...",0,"Perhatian...!")
return
ENDIF
thisform.grid1.setFocus
thisform.refresh
return

```

t. Oject SEBELUMNYA Procedure CLICK

```

SELECT user
skip -1
if bof()
go top
ENDIF
thisform.grid1.setFocus
thisform.refresh
return

```

u. Oject BERIKUTNYA Procedure CLICK

```

SELECT user
skip
if bof()
go bottom
ENDIF
thisform.grid1.setFocus
thisform.refresh
return

```

v. Oject TERAKHIR Procedure CLICK

```

SELECT user
go bottom
if eof()
messagebox("Tidak ada record...",0,"Perhatian...!")
return
ENDIF

```



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```
thisform.grid1.setFocus  
thisform.refresh  
return
```

w. Oject GRID1 Procedure AfterRowColChange

```
LPARAMETERS nColIndex  
thisform.perbaiki.enabled=.t.  
thisform.hapus.enabled=.t.  
thisform.batal.enabled=.f.  
thisform.nmid.enabled=.f.  
thisform.aktifkan(.f.)  
thisform.kendali(.t.)  
thisform.baru.enabled=.t.  
thisform.simpan.enabled=.f.  
thisform.keluar.enabled=.t.  
thisform.grid1.enabled=.t.  
thisform.grid1.readonly=.t.  
thisform.tampilkan  
retu
```

C. TUGAS II

Buatkan Form Mengganti Password dengan LayOut sbb :

MENGANTI PASSWORD

Nomor User	<input type="text" value="NoUser"/>	<input type="button" value="✓"/>	<input type="button" value="➡"/>
Password Lama	<input type="text" value="PswdLama"/>		
Password Baru	<input type="text" value="PswdBaru"/>		
Ulangi Password	<input type="text" value="UlangPswd"/>		



BAGIAN III

Tujuan :

1. Membuat Table Barang
2. Membuat Table Pemasok
3. Membuat Table Pelanggan
4. Membuat Table Pembelian
5. Membuat Table Faktur Pembelian (FakturB)& Utang
6. Membuat Table Penjualan
7. Membuat Table Faktur Penjualan (Faktur)& Piutang
8. Membuat Table Detail Penjualan (DetJual)
9. Membuat Form untuk mengelola data Barang

A. BAHAN PRAKTEK III

3.1 Table Barang

Nama Table : Barang
Primary Key : KodeBrg

Name	Type	Width	Decimal	Index
<input type="checkbox"/> kodebrg	Varchar	6		↑
<input type="checkbox"/> namabrg	Varchar	35		↑
<input type="checkbox"/> stockmin	Numeric	3	0	
<input type="checkbox"/> stockmax	Numeric	3	0	
<input type="checkbox"/> hargabeli	Currency	8		
<input type="checkbox"/> hargajual	Currency	8		
<input type="checkbox"/> lokasibrg	Character	6		
<input type="checkbox"/> stockawal	Numeric	4	0	
<input type="checkbox"/> stockakhir	Numeric	4	0	

3.2 Table Pemasok/Supplier

Nama Table : Pemasok
Primary Key : NoPem

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nopem	Varchar	6		↑
<input type="checkbox"/> nama	Varchar	24		↑
<input type="checkbox"/> perusahaan	Varchar	24		↑
<input type="checkbox"/> alamat	Varchar	50		
<input type="checkbox"/> kota	Varchar	12		
<input type="checkbox"/> kodepos	Varchar	5		
<input type="checkbox"/> telp	Varchar	10		
<input type="checkbox"/> fax	Varchar	10		
<input type="checkbox"/> hp	Varchar	12		
<input type="checkbox"/> email	Varchar	20		
<input type="checkbox"/> totutang	Currency	8		

3.3 Table Pelanggan

Nama Table : Pelanggan
Primary Key : NoPel



Name	Type	Width	Decimal	Index
<input type="checkbox"/> nopel	Varchar	8		↑
<input type="checkbox"/> namapel	Varchar	20		↑
<input type="checkbox"/> alamat	Varchar	50		
<input type="checkbox"/> telp	Varchar	12		
<input type="checkbox"/> totpiutang	Currency	8		

3.4 Table Pembelian

Nama Table : Pembelian
Primary Key : -

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nofakb	Varchar	10		↑
<input type="checkbox"/> tglbeli	Date	8		↑
<input type="checkbox"/> kodebrg	Varchar	6		↑
<input type="checkbox"/> qtyb	Numeric	4	0	
<input type="checkbox"/> hargabeli	Currency	8		
<input type="checkbox"/> stockakhir	Numeric	4	0	

3.5 Table Faktur Pembelian

Nama Table : FakturB
Primary Key : NofakB

Name	Type	Width	Decimal	Index
<input type="checkbox"/> tglbeli	Date	8		↑
<input type="checkbox"/> nofakb	Varchar	10		↑
<input type="checkbox"/> nopem	Varchar	6		↑
<input type="checkbox"/> totbeli	Currency	8		
<input type="checkbox"/> diskon	Currency	8		
<input type="checkbox"/> bayar	Currency	8		

3.6 Table Utang

Nama Table : Utang
Primary Key : -

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nofakb	Varchar	10		↑
<input type="checkbox"/> tglbeli	Date	8		↑
<input type="checkbox"/> catatan	Varchar	40		
<input type="checkbox"/> nopem	Varchar	6		↑
<input type="checkbox"/> imlutang	Currency	8		
<input type="checkbox"/> saldo	Currency	8		

3.7 Table Penjualan



Nama Table : Penjualan

Primary Key : -

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nofak	Varchar	10		↑
<input type="checkbox"/> tgljual	Date	8		↑
<input type="checkbox"/> kodebrg	Varchar	6		↑
<input type="checkbox"/> qtyj	Numeric	4	0	
<input type="checkbox"/> jmlharga	Currency	8		
<input type="checkbox"/> labakotor	Currency	8		

3.8 Table Faktur Penjualan

Nama Table : Faktur

Primary Key : NoFak

Name	Type	Width	Decimal	Index
<input type="checkbox"/> tgljual	Date	8		↑
<input type="checkbox"/> nofak	Varchar	10		↑
<input type="checkbox"/> nopel	Varchar	8		↑
<input type="checkbox"/> totjual	Currency	8		
<input type="checkbox"/> diskon	Currency	8		
<input type="checkbox"/> bayar	Currency	8		
<input type="checkbox"/> totlaba	Currency	8		

3.9 Table Detail Penjualan

Nama Table : DetJual

Primary Key : -

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nofak	Varchar	10		↑
<input type="checkbox"/> tgljual	Date	8		↑
<input type="checkbox"/> kodebrg	Varchar	6		↑
<input type="checkbox"/> nofakb	Varchar	10		↑
<input type="checkbox"/> qtyj	Numeric	4	0	
<input type="checkbox"/> jmlharga	Currency	8		
<input type="checkbox"/> labakotor	Currency	8		

3.10 Table Piutang

Nama Table : Piutang

Primary Key : -

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nofak	Varchar	10		↑
<input type="checkbox"/> tgljual	Date	8		↑
<input type="checkbox"/> catatan	Varchar	40		
<input type="checkbox"/> nopel	Varchar	8		↑
<input type="checkbox"/> jmlpiutang	Currency	8		
<input type="checkbox"/> saldo	Currency	8		



3.11 Form Kelola Data Barang

Nama Form : OlahBrg

KodeBrg	Nama Barang	S.Min	S. Max	Stock Akhir	Harga Beli
abl	abl	abl	abl	abl	abl

3.12 Procedure Program

```

*Object FORM1 Procedure LOAD
set exact on
SET CENTURY ON
set defa to d:\FIFO\NAMA\data
* Menutup semua file yang tidak diperlukan
close data
close index
if USED("BARANG")
USE IN BARANG
endif
if USED("PENJUALAN")
USE IN PENJUALAN
ENDIF
if USED("PEMBELIAN")
USE IN PEMBELIAN
ENDIF
if USED("TMPBRG")
USE IN TMPBRG
ENDIF
if USED("TMPBRG1")
USE IN TMPBRG1
ENDIF
    
```



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* Membuka Tabel

```
SELECT A
USE PENJUALAN
SELECT B
USE PEMBELIAN
SELECT C
use barang
set order to tag kodebrg
SELECT D
use tmpbrg
SELECT E
use tmpbrgl
RETURN
```

***Object FORM1 Procedure UNLOAD**

```
CLOSE DATABASES
CLOSE INDEXES
USE IN perkiraan
RETURN
```

***Object FORM1 Procedure NonKode**

```
PARAMETERS keadaan
thisform.namabrg.enabled=keadaan
thisform.stockawal.enabled=keadaan
thisform.stockmin.enabled=keadaan
thisform.stockmax.enabled=keadaan
thisform.lokasibrg.enabled=keadaan
thisform.hargabeli.enabled=keadaan
thisform.hargajual.enabled=keadaan
RETURN
```

***Object FORM1 Procedure KENDALI**

```
PARAMETERS Y
THISFORM.PERTAMA.Enabled=Y
THISFORM.SEBELUMNYA.Enabled=Y
THISFORM.BERIKUTNYA.Enabled=Y
THISFORM.TERAKHIR.Enabled=Y
RETU
```

***Object FORM1 Procedure KOSONGKAN**

```
thisform.namabrg.value=""
thisform.stockawal.value=0
thisform.stockmin.value=0
thisform.stockmax.value=0
thisform.hargabeli.value=0
thisform.hargajual.value=0
thisform.lokasibrg.value=""
RETURN
```

***Object FORM1 Procedure TAMPILKAN**

```
b=MONTH (DATE ())
stock="stockawal"+ALLTRIM (STR (b, 2))
```



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```
thisform.kodebrg.value=barang.kodebrg
thisform.namabrg.value=barang.namabrg
thisform.stockawal.value=barang.&stock
thisform.stockmin.value=barang.stockmin
thisform.stockmax.value=barang.stockmax
thisform.lokasibrg.value=barang.lokasibrg
thisform.hargabeli.value=barang.hargabeli
thisform.hargajual.value=barang.hargajual
RETURN
```

***Object FORM1 Procedure ACTIVATE**

```
thisform.kodebrg.enabled=.f.
thisform.nonkode(.f.)
thisform.kendali(.t.)
thisform.baru.enabled=.t.
thisform.keluar.enabled=.t.
thisform.hapus.enabled=.f.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.lihat.enabled=.f.
thisform.perbaiki.enabled=.f.
thisform.ud.enabled=.f.
thisform.kosongkan()
thisform.kodebrg.setfocus()
thisform.grid1.enabled=.t.
RETURN
```

***Object TAMBAH Procedure CLICK**

```
thisform.kodebrg.enabled=.t.
thisform.nonkode(.f.)
thisform.kendali(.f.)
thisform.baru.enabled=.f.
thisform.keluar.enabled=.f.
thisform.hapus.enabled=.f.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.t.
thisform.lihat.enabled=.f.
thisform.perbaiki.enabled=.f.
thisform.ud.enabled=.f.
thisform.grid1.enabled=.f.
thisform.kosongkan()
thisform.kodebrg.value=""
thisform.kodebrg.setfocus()
RETURN
```

***Object BATAL Procedure CLICK**

```
thisform.grid1.SetFocus
thisform.Refresh
SELECT barang
LOCATE FOR kodebrg=TRIM(thisform.kodebrg.value)
IF FOUND()
    vstock=barang.stock
```



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```

        vhargabeli=barang.hargabeli
ELSE
vstock=0
        vhargabeli=0
ENDIF
thisform.kodebrg.enabled=.f.
thisform.nonkode(.f.)
thisform.kendali(.t.)
thisform.baru.enabled=.t.
thisform.keluar.enabled=.t.
thisform.hapus.enabled=.f.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.perbaiki.enabled=.f.
thisform.ud.enabled=.f.
thisform.grid1.enabled=.t.
thisform.kosongkan()
thisform.kodebrg.setfocus()
RETURN
*Object HAPUS Procedure CLICK
SELECT PENJUALAN
LOCATE FOR KODEBRG=TRIM(THISFORM.kodebrg.Value)
IF FOUND()
messagebox("Maaf Record ini tidak bisa dihapus ?",0,"Barang tsb sudah
digunakan dalam transaksi... ")
RETURN
ENDIF
SELECT PEMBELIAN
LOCATE FOR KODEBRG=TRIM(THISFORM.kodebrg.Value)
IF FOUND()
messagebox("Maaf Record ini tidak bisa dihapus ?",0,"Barang tsb sudah
digunakan dalam transaksi... ")
RETURN
ENDIF
SELECT barang
LOCATE FOR KODEBRG=TRIM(THISFORM.kodebrg.Value)
ln=RECNO()
ljawab=messagebox("Anda Yakin ?",4+32+512,"Record ini mau dihapus !")
if ljwab=6
DELETE
        set dele on
ENDIF
goto ln
thisform.grid1.setfocus()
thisform.refresh()
RETURN

*Object KELUAR Procedure CLICK
SELECT BARANG
set dele off
PACK

```



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```
thisform.release()
RETURN
```

***Object CETAK Procedure CLICK**

```
DO FORM D:\FIFO\PRG\LAPBRG1.scx
*REPORT FORM D:\FIFO\PRG\LAPBRG PREVIEW
RETURN
```

***Object PERBAIKI Procedure CLICK**

```
SELECT BARANG
LOCATE FOR KODEBRG=TRIM(THISFORM.kodebrg.Value)
thisform.nonkode(.t.)
thisform.perbaiki.enabled=.f.
thisform.ud.enabled=.t.
thisform.batal.enabled=.t.
thisform.baru.enabled=.f.
thisform.simpan.enabled=.f.
thisform.keluar.enabled=.f.
thisform.hapus.enabled=.f.
thisform.kodebrg.enabled=.f.
thisform.kendali(.f.)
thisform.namabrg.setfocus()
thisform.grid1.enabled=.f.
RETURN
```

***Object UD Procedure CLICK**

```
IF EMPTY(thisform.namabrg.value)
thisform.simpan.Enabled=.f.
messagebox("Nama barang tidak boleh kosong!",0,"Perhatian...")
thisform.namabrg.setfocus()
thisform.simpan.Enabled=.t.
RETURN
ENDIF
IF EMPTY(thisform.hargabeli.value)
thisform.simpan.Enabled=.f.
messagebox("Harga beli tidak boleh kosong!",0,"Perhatian...")
thisform.hargabeli.setfocus()
thisform.simpan.Enabled=.t.
RETURN
ENDIF
IF EMPTY(thisform.hargajual.value)
thisform.simpan.Enabled=.f.
messagebox("Harga jual tidak boleh kosong!",0,"Perhatian...")
thisform.hargabeli.setfocus()
thisform.simpan.Enabled=.t.
RETURN
ENDIF
IF thisform.hargajual.Value<thisform.hargabeli.Value
thisform.simpan.Enabled=.f.
MESSAGEBOX("Input harga dengan benar !",0,"Perhatian...")
thisform.hargabeli.SetFocus
```



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```

        thisform.simpan.Enabled=.t.
RETURN
ENDIF
jawab=messagebox("Mau Memperbaiki Data Sebelumnya
?",4+32,"Perhatian...!")
if jawab=6
SELECT BARANG
LOCATE FOR kodebrg=TRIM(thisform.kodebrg.value)
IF FOUND()
    b=MONTH( DATE() )
    stock="stockawal"+ALLTRIM(STR(b,2) )
    &&repl kodebrg with thisform.kodebrg.value
    repl namabrg with thisform.namabrg.value
    repl barang.&stock with thisform.stockawal.value
    repl stockmin with thisform.stockmin.value
    repl stockmax with thisform.stockmax.value
    repl lokasibrg with thisform.lokasibrg.value
    repl hargabeli with thisform.hargabeli.value
    repl hargajual with thisform.hargajual.value
ENDIF
ELSE
    thisform.grid1.SetFocus
    thisform.Refresh
    SELECT barang
LOCATE FOR kodebrg=TRIM(thisform.kodebrg.value)
IF FOUND()
    vstock=barang.&stock
    vhargabeli=barang.hargabeli
ENDIF
ENDIF
thisform.perbaiki.enabled=.t.
thisform.ud.enabled=.f.
thisform.batal.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.keluar.enabled=.t.
thisform.hapus.enabled=.t.
thisform.kodebrg.enabled=.f.
thisform.nonkode(.f.)
thisform.kendali(.t.)
thisform.kodebrg.setfocus()
thisform.grid1.enabled=.t.
RETURN

*Object PERTAMA Procedure CLICK
SELECT BARANG
set order to
go top
if eof()
messagebox("Tidak ada record...!",0,"Perhatian...!")
thisform.refresh()

```



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```
return
ENDIF
set order to tag kodebrg
thisform.grid1.setfocus()
thisform.refresh()
RETURN
```

***Object SEBELUMNYA Procedure CLICK**

```
SELECT BARANG
set order to
skip -1
if bof()
go top
endif
set order to tag kodebrg
thisform.grid1.setfocus()
thisform.refresh()
RETURN
```

***Object BERIKUTNYA Procedure CLICK**

```
SELECT BARANG
set order to
skip
if bof()
go bottom
endif
set order to tag kodebrg
thisform.grid1.setfocus
thisform.refresh
RETURN
```

***Object TERAKHIR Procedure CLICK**

```
SELECT BARANG
set order to
go bottom
if eof()
messagebox("Tidak ada record...!",0,"Perhatian...!")
thisform.refresh()
return
ENDIF
set order to tag kodebrg
thisform.grid1.setfocus()
thisform.refresh()
RETURN
```

***Object GRID1 Procedure AfterRowCollChenge**

```
LPARAMETERS nColIndex
thisform.perbaiki.enabled=.t.
thisform.hapus.enabled=.t.
thisform.batal.enabled=.f.
thisform.kodebrg.enabled=.f.
```



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```

thisform.nonkode(.f.)
thisform.kendali(.t.)
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.keluar.enabled=.t.
thisform.grid1.enabled=.t.
thisform.lihat.enabled=.t.
thisform.grid1.readonly=.t.
thisform.tampilkan()
RETURN
*Object CARI Procedure RightClick
thisform.namabrg.Enabled=.t.
thisform.namabrg.SetFocus
RETURN

*Object CARI Procedure Click
if empty(thisform.namabrg.value)
messagebox("Kode Barang Harus Diisi !",0,"Perhatian...!")
thisform.namabrg.setfocus
return
endif
SELECT BARANG
SET EXACT OFF
SET ORDER TO NAMABRG && NAMABRG
LOCATE FOR UPPER(namabrg)=UPPER(TRIM(thisform.namabrg.value))
if FOUND()
thisform.grid1.setfocus()
thisform.refresh()
thisform.grid1.enabled=.t.
ELSE
messagebox("Data barang yang diminta tidak ditemukan?";
0,"Perhatian...")
thisform.nonkode(.f.)
thisform.kosongkan()
thisform.kodebrg.value=""
thisform.namabrg.enabled=.t.
thisform.namabrg.setfocus()
thisform.grid1.enabled=.f.
ENDIF
RETURN

*Object KODEBRG Procedure LoctFocus
if empty(thisform.kodebrg.value)
messagebox("Kode Barang Harus Diisi !",0,"Perhatian...!")
thisform.kodebrg.setfocus
return
endif
if empty(thisform.KODEBRG.value)
messagebox("Kode Barang Harus Diisi !",0,"Perhatian...!")
thisform.KODEBRG.setfocus
return

```



```

endif
if left(thisform.KODEBRG.value,1)#"B" .and.
left(thisform.KODEBRG.value,1)#"S"
messagebox("Kode Barang harus diawali hurup B untuk barang bubutan ";
+CHR(13)+"dan Hurup S untuk barang sparepart !",0,"Perhatian...!")
thisform.KODEBRG.setfocus
return
ENDIF
IF VAL(SUBSTR(TRIM(thisform.KODEBRG.Value),2,5))<1
messagebox("Mulai karakter ke 2 hrs diisi dengan no urut !",;
0+48,"Perhatian...")
thisform.KODEBRG.setfocus
RETURN
ENDIF
IF LEN(TRIM(thisform.KODEBRG.Value))<6
messagebox("Jumlah Kode harus 6 character !",0+32,"Perhatian...")
thisform.KODEBRG.setfocus
RETURN
ENDIF
SELECT BARANG
SET ORDER TO TAG KODEBRG
LOCATE FOR KODEBRG=TRIM(thisform.kodebrg.value)
if FOUND()
thisform.grid1.setfocus()
thisform.refresh()
messagebox("Data barang tersebut sudah ada !",0,;
"Perhatian...")
else
    thisform.perbaiki.enabled=.f.
    thisform.ud.enabled=.f.
    thisform.batal.enabled=.t.
    thisform.baru.enabled=.f.
    thisform.simpan.enabled=.f.
    thisform.keluar.enabled=.f.
thisform.hapus.enabled=.f.
thisform.kodebrg.enabled=.f.
thisform.nonkode(.t.)
thisform.kendali(.f.)
thisform.kosongkan()
    thisform.namabrg.setfocus()
thisform.grid1.enabled=.f.
endif
    thisform.simpan.Enabled=.t.
thisform.lihat.enabled=.f.
RETURN

```

B. TUGAS III :

Buatkan Form KELOLA DATA PEMASOK



Kelola Data Pemasok (Supplier)

Nomor Suplier: nopem

Nama Kontak: nama

Perusahaan: perusahaan

Ala m a t: alamat

K o t a: kota Fax: fax

Kode Pos: kodepos HP: hp

Telp.: telp E-Mail: email

Nopem	Nama Suplier	Perusahaan	Alamat
abi	abi	abi	abi



BAGIAN IV

Tujuan :

1. Membuat ReportDaftar Persediaan Barang
2. Filter
3. Grouping

A. BAHAN PRAKTEK IV

1. Membuat Report DAFTAR PERSEDIAAN BARANG

TREE UTAMA MODIFICATION							
Jl. Raya Rancaekek - Cicalengka No. 225 (Parakanmuncang) Sumedang 45364 Telp. (022) 7780379							
Title							
DAFTAR PERSEDIAAN BARANG							
No.	Kode Barang	Nama Barang	Jumlah Unit	Stock Minim	Harga Satuan	Jumlah Harga	
Page Header							
no	kodebrg	namabrg	stockakl	stockmir	hargabeli	tmpbrg.hargabeli	
Detail							
					Total Harga hal : alltrim(str(Rp tmpbrg.hargabeli		
DATEIME()							
Page Footer							
					Grand Total		Rp tothrg
					Sumedang, DATE()		
Summary							

2. Memanggil Report dari Form Kelola Barang

B. TUGAS IV

Buatkan Report Daftar PEMASOK dari Tugas III di atas.



BAGIAN V

Tujuan :

1. Transaksi Pembelian
2. Link File
3. Relasi File

A. BAHAN PRAKTEK V:

5.1 Free Table Temporary TMPBELI

Nama Free Table : TMPBELI
Primary Key : -

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nofakb	Varchar	10		↑
<input type="checkbox"/> tglbeli	Date	8		↑
<input type="checkbox"/> nopem	Varchar	6		↑
<input type="checkbox"/> kodebrg	Varchar	6		↑
<input type="checkbox"/> namabrg	Varchar	35		
<input type="checkbox"/> qtyb	Numeric	4	0	
<input type="checkbox"/> totbeli	Currency	8		
<input type="checkbox"/> diskon	Currency	8		
<input type="checkbox"/> bayar	Currency	8		
<input type="checkbox"/> jmlutang	Currency	8		
<input type="checkbox"/> hargabeli	Currency	8		
<input type="checkbox"/> stockawal	Numeric	4	0	
<input type="checkbox"/> stockakhir	Numeric	4	0	
<input type="checkbox"/> jumlah	Currency	8		

5.2 Free Table Temporary LAPBELI

Copy file Table TMPBELI ke LAPBELI, kemudian indeks sesuai table TMPBELI

5.3 Form Transaksi PEMBELIAN



OLAH TRANSAKSI PEMBELIAN BARANG

Nomor Faktur: Nofakb
 Tgl. Transaksi: tglbeli
 No. Suplier: Nopem
 Nama Suplier: namapem
 Perusahaan: Perusahaan

Total Pembelian Rp. totbeli
 Diskon Rp. diskon
 Jumlah Bayar Rp. bayar
 Hutang Rp. utang

Kode Barang	Nama Barang	Jml. Beli	Harga Satuan
kodebrg	namabrg	qty	hargabeli

Kode Brg	Nama Barang	Qtyb	Harga Beli	Jumlah
abj	abj	abj	abj	abj

Stock Awal Barang: stockawa
 Stock Akhir Barang: stockakh

```
* Object FORM1 Procedure LOAD
close index
close data
set date british
set cent on
set defa to d:\FIFO\NAMA\data
if used("barang")
use in barang
endif
if used("pemasok")
use in pemasok
endif
if used("fakturb")
use in fakturb
endif
if used("pembelian")
use in pembelian
endif
if used("tmpbeli")
use in tmpbeli
ENDIF
if used("UTANG")
use in UTANG
ENDIF
SELECT 1
use barang
```



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```
set order to tag kodebrg
set order to tag namabrg
SELECT 2
use pemasok
set order to tag nopem
SELECT 3
use fakturb
set order to tag nofakb
SELECT 4
use pembelian
set order to tag nofakb
SELECT 5
use tmpbeli
SELECT 6
USE UTANG
return
```

```
* Object FORM1 Procedure UNLOAD
CLOSE DATABASES
CLOSE INDEXES
RETURN
```

```
* Object FORM1 Procedure AKTIF
PARAMETERS x
thisform.nopem.Enabled=x
thisform.namapem.Enabled=x
thisform.perusahaan.Enabled=x
retu
```

```
* Object FORM1 Procedure AKTIF1
PARAMETERS y
thisform.nofakb.Enabled=y
thisform.tglbeli.Enabled=y
RETURN
```

```
* Object FORM1 Procedure AKTIF2
PARAMETERS z
thisform.kodebrg.Enabled=z
thisform.hargabeli.Enabled=z
thisform.qty.Enabled=z
thisform.namabrg.Enabled=z
RETURN
```

```
* Object FORM1 Procedure AKTIF3
PARAMETERS r
thisform.diskon.Enabled=r
thisform.bayar.Enabled=r
thisform.utang.Enabled=r
RETURN
```



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* Object FORM1 Procedure KENDALI

```
PARAMETERS s
thisform.pertama.Enabled=s
thisform.sebelumnya.Enabled=s
thisform.berikutnya.Enabled=s
thisform.terakhir.Enabled=s
retu
```

* Object FORM1 Procedure KOSONGKAN

```
thisform.namabrg.value=""
thisform.nopem.value=""
thisform.namapem.value=""
thisform.perusahaan.value=""
thisform.qty.value=0
thisform.kodebrg.value=""
thisform.hargabeli.value=0
thisform.totbeli.value=0
thisform.diskon.value=0
thisform.bayar.value=0
thisform.utang.value=0
return
```

* Object FORM1 Procedure TAMPILKAN

```
select fakturb
thisform.nofakb.value=fakturb.nofakb
thisform.tglbeli.value=fakturb.tglbeli
thisform.nopem.value=fakturb.nopem
thisform.totbeli.value=fakturb.totbeli
thisform.diskon.value=fakturb.diskon
thisform.bayar.value=fakturb.bayar
```

```
SELECT utang
locate for nofakb=TRIM(thisform.nofakb.value)
thisform.utang.value=utang.jmlutang
```

```
select pemasok
locate for nopem=thisform.nopem.value
thisform.namapem.value=pemasok.nama
thisform.perusahaan.value=pemasok.perusahaan
```

```
select tmpbeli
dele all
set dele on
appe from pembelian for nofakb=TRIM(thisform.nofakb.value)
go top
do while ! eof()
select barang
locate for kodebrg=tmpbeli.kodebrg
IF FOUND ()
    vnamabrg=barang.namabrg
ELSE
```



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```

vnamabrg=""
endif
    select tmpbeli
REPLACE namabrg with vnamabrg
REPLACE jumlah WITH qtyb*hargabeli
skip
enddo
GO TOP
REPLACE tglbeli with thisform.tglbeli.value
REPLACE nopem with thisform.nopem.value
go bottom
REPLACE totbeli with thisform.totbeli.value
REPLACE diskon with thisform.diskon.value
REPLACE bayar with thisform.bayar.value
REPLACE jmlutang with thisform.utang.value

thisform.namabrg.value=tmpbeli.namabrg
thisform.kodebrg.value=tmpbeli.kodebrg
thisform.hargabeli.value=tmpbeli.hargabeli
thisform.qty.value=tmpbeli.qtyb

```

```

GO TOP
thisform.refresh()
thisform.batal.enabled=.f.
thisform.simpan.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.cetak.enabled=.t.
thisform.keluar.enabled=.t.
thisform.kendali(.t.)
thisform.aktif(.f.)
thisform.aktif1(.f.)
thisform.aktif2(.f.)
thisform.aktif3(.f.)
return

```

```

* Object FORM1 Procedure DBLCLICK
thisform.keluar.Enabled=.t.
RETURN

```

```

* Object FORM1 Procedure ACTIVATE
thisform.batal.enabled=.f.
thisform.simpan.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.cetak.enabled=.f.
thisform.keluar.enabled=.t.
thisform.ud.Enabled=.f.
thisform.kendali(.t.)
thisform.aktif(.f.)
thisform.aktif1(.f.)

```



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```
thisform.aktif2(.f.)
thisform.aktif3(.f.)
return
```

* Object BARU Procedure CLICK

```
thisform.kosongkan
select barang
set order to tag namabrg
sele tmpbeli
SET DELETED on
DELETE all
thisform.refresh
thisform.tglbeli.value=date()
thisform.batal.enabled=.t.
thisform.simpan.enabled=.f.
thisform.baru.enabled=.f.
thisform.simpan.enabled=.f.
thisform.cetak.enabled=.f.
thisform.keluar.enabled=.f.
thisform.kendali(.F.)
thisform.aktif(.t.)
thisform.aktif1(.t.)
thisform.aktif2(.f.)
thisform.aktif3(.f.)
thisform.ud.Enabled=.f.
THISFORM.nofakb.value=""
THISFORM.nofakb.SETFOCUS
return
```

* Object NofakB Procedure LostFocus

```
select fakturb
LOCATE FOR nofakb=TRIM(thisform.nofakb.value)
IF FOUND()
thisform.tglbeli.value=fakturb.tglbeli
thisform.nopem.value=fakturb.nopem
thisform.totbeli.value=fakturb.totbeli
thisform.diskon.value=fakturb.diskon
thisform.bayar.value=fakturb.bayar
```

```
SELECT UTANG
LOCATE FOR nofakb=TRIM(thisform.nofakb.value)
thisform.utang.value=utang.jmlutang
```

```
select pemasok
locate for nopem=thisform.nopem.value
thisform.namapem.value=pemasok.nama
thisform.perusahaan.value=pemasok.perusahaan
```

```
select tmpbeli
dele all
set dele on
```



```

appe from pembelian for nofakb=TRIM(thisform.nofakb.value)
go top
do while ! eof()
select barang
locate for kodebrg=tmpbeli.kodebrg
      vnamabrg=barang.namabrg
select tmpbeli
repl namabrg with vnamabrg
skip
enddo
GO TOP
REPLACE tglbeli with thisform.tglbeli.value
REPLACE nopem with thisform.nopem.value
go bottom
REPLACE totbeli with thisform.totbeli.value
REPLACE diskon with thisform.diskon.value
REPLACE bayar with thisform.bayar.value
REPLACE jmlutang with thisform.utang.value

```

```

thisform.namabrg.value=tmpbeli.namabrg
thisform.kodebrg.value=tmpbeli.kodebrg
thisform.hargabeli.value=tmpbeli.hargabeli
thisform.qty.value=tmpbeli.qtyb
thisform.stockakhir.value=tmpbeli.stockakhir
GO TOP
thisform.refresh()
thisform.batal.enabled=.f.
thisform.simpan.enabled=.t.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.cetak.enabled=.t.
thisform.keluar.enabled=.t.
thisform.kendali(.t.)
thisform.aktif(.f.)
thisform.aktif1(.f.)
thisform.aktif2(.f.)
thisform.aktif3(.f.)
endif
return

```

* Object NOPEM Procedure InteractiveChange

```

thisform.namapem.value=penasok.nama
thisform.perusahaan.value=penasok.perusahaan
thisform.aktif2(.t.)
thisform.kodebrg.setfocus
return

```

* Object NAMAPEM Procedure InteractiveChange

```

thisform.nopem.value=penasok.nopem
thisform.perusahaan.value=penasok.perusahaan
thisform.aktif2(.t.)

```



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```

thisform.kodebrg.setFocus
return
* Object PERUSAHAAN Procedure InteractiveChange
thisform.nopem.value=pemasok.nopem
thisform.namapem.value=pemasok.nama
thisform.aktif2(.t.)
thisform.kodebrg.setFocus
return

* Object KODEBRG Procedure LostFocus
IF EMPTY(thisform.kodebrg.Value)
thisform.kodebrg.value=""
thisform.qty.Value=0
thisform.kodebrg.setFocus
return
ENDIF

SELECT BARANG
LOCATE FOR KODEBRG=TRIM(thisform.kodebrg.Value)
IF FOUND()
thisform.namabrg.value=barang.NAMABrg
thisform.hargabeli.value=barang.hargabeli
thisform.qty.Value=1
thisform.simpan.setFocus
ELSE
thisform.kodebrg.value=""
thisform.qty.Value=0
thisform.hargabeli.value=0
thisform.kodebrg.setFocus
ENDIF
thisform.aktif(.f.)
thisform.simpan.Enabled=.t.
thisform.baru.Enabled=.f.
thisform.batal.Enabled=.f.
thisform.keluar.Enabled=.f.
thisform.cetak.Enabled=.f.
thisform.kendali(.f.)
return

* Object NAMABRG Procedure InteractiveChange
SELECT barang
LOCATE FOR namabrg=TRIM(thisform.namabrg.Value)
IF found()
thisform.kodebrg.value=barang.kodebrg
thisform.qty.Value=1
thisform.hargabeli.Value=barang.hargabeli
ELSE
thisform.kodebrg.value=""
thisform.hargabeli.value=0
thisform.qty.Value=0
ENDIF

```



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```
thisform.aktif(.f.)
thisform.simpan.Enabled=.t.
thisform.baru.Enabled=.f.
thisform.batal.Enabled=.f.
thisform.keluar.Enabled=.f.
thisform.cetak.Enabled=.f.
thisform.kendali(.f.)
return
```

* Object SIMPAN Procedure Click

```
IF EMPTY(thisform.nofakb.Value)
MESSAGEBOX("Isi dulu nomor faktur pembeliannya...!",0,"Perhatian...")
thisform.nofakb.setFocus
RETURN
ENDIF
```

```
jml=thisform.hargabeli.value*thisform.qty.value
thisform.totbeli.value=thisform.totbeli.value+jml
```

```
select tmpbeli
if thisform.qty.value>0 .and. thisform.hargabeli.value>0
append blank
REPLACE nofakb with thisform.nofakb.value
REPLACE tglbeli with thisform.tglbeli.value
REPLACE nopem with thisform.nopem.value
REPLACE kodebrg with thisform.kodebrg.value
REPLACE namabrg with thisform.namabrg.value
REPLACE qtyb with thisform.qty.value
REPLACE hargadsr with thisform.hargabeli.value
REPLACE hargabeli with thisform.hargabeli.value
REPLACE stockakhir with thisform.qty.value
REPLACE jumlah WITH jml
sele pembelian
appe blank
REPLACE nofakb with thisform.nofakb.value
REPLACE tglbeli with thisform.tglbeli.value
REPLACE kodebrg with thisform.kodebrg.value
REPLACE qtyb with thisform.qty.value
REPLACE hargabeli with thisform.hargabeli.value
REPLACE stockakhir with thisform.qty.value
```

```
sele barang
locate for kodebrg=thisform.kodebrg.value
REPLACE stockakhir WITH stockakhir+thisform.qty.value
jwb=messagebox("Mau meng-update harga dasar
barang..?",+4+32+512,"Perhatian...")
IF jwb=6
REPLACE hargabeli with thisform.hargabeli.value
ENDIF
```

```
select fakturb
locate for nofakb=trim(thisform.nofakb.value)
```



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```

if ! found()
append blank
endif
REPLACE nofakb with thisform.nofakb.value
REPLACE totbeli with thisform.totbeli.value
REPLACE tglbeli with thisform.tglbeli.value
REPLACE nopem with thisform.nopem.value
REPLACE diskon with thisform.diskon.value
REPLACE bayar with thisform.bayar.value
endif
select tmpbeli
thisform.Refresh
thisform.bayar.value=thisform.totbeli.value
thisform.namabrg.value=""
thisform.qty.value=0
thisform.kodebrg.value=""
thisform.hargabeli.value=0
thisform.aktif3(.t.)
thisform.simpan.Enabled=.f.
thisform.ud.Enabled=.t.
thisform.baru.Enabled=.f.
thisform.batal.Enabled=.f.
thisform.keluar.Enabled=.t.
thisform.cetak.Enabled=.f.
thisform.kendali(.f.)
thisform.kodebrg.setFocus
return

```

* Object UD Procedure Click

```

IF EMPTY(thisform.nofakb.Value)
MESSAGEBOX("Isi dulu nomor faktur pembeliannya...!",0,"Perhatian...")
thisform.nofakb.setFocus
RETURN
ENDIF
if thisform.totbeli.value>0
select tmpbeli
GO bottom
REPLACE totbeli with thisform.totbeli.value
REPLACE diskon with thisform.diskon.value
REPLACE bayar with thisform.bayar.value
REPLACE jmlutang with thisform.utang.value
select fakturb
locate for nofakb=trim(thisform.nofakb.value)
IF FOUND()
REPLACE nofakb with thisform.nofakb.value
REPLACE totbeli with thisform.totbeli.value
REPLACE tglbeli with thisform.tglbeli.value
REPLACE nopem with thisform.nopem.value
REPLACE diskon with thisform.diskon.value
REPLACE bayar with thisform.bayar.value
IF thisform.utang.value>0

```



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```

SELECT UTANG
APPEND BLANK
  REPLACE nofakb WITH thisform.nofakb.value
  REPLACE Tglbeli WITH thisform.TGLBELI.value
  REPLACE nopem WITH thisform.NOPEM.value
  REPLACE Catatan WITH "Pembelian Barang"
REPLACE jmlutang WITH thisform.utang.value
  REPLACE saldo WITH thisform.utang.value

  SELECT pemasok
LOCATE FOR nopem=TRIM(thisform.nopem.Value)
REPLACE totutang WITH totutang+thisform.utang.Value
ENDIF
ENDIF
ENDIF
select tmpbeli
thisform.Refresh
thisform.aktif3(.t.)
thisform.ud.Enabled=.f.
thisform.simpan.Enabled=.f.
thisform.baru.Enabled=.f.
thisform.batal.Enabled=.f.
thisform.keluar.Enabled=.t.
thisform.cetak.Enabled=.f.
thisform.kendali(.f.)
thisform.kodebrg.setFocus
return

```

* Object BATAL Procedure Click

```

IF EMPTY (THISFORM.kodebrg.Value) .OR. EMPTY (THISFORM.namabrg.Value) .OR. ;
EMPTY (THISFORM.QTY.Value)
MESSAGEBOX("Click dulu Record di Grid yang akan
dibatalkan",0,"Perhatian...")
thisform.grid1.SetFocus
RETURN
ENDIF
jawab=messagebox("Anda mau membatalkan transaksi
?",4+32+256,"Perhatian...")
if jawab=6
sele barang
locate for kodebrg=thisform.kodebrg.value
  REPLACE stockakhir WITH stockakhir-thisform.qty.value

  sele pembelian
  loca for pembelian.kodebrg=TRIM(thisform.kodebrg.value) .and. ;
  nofakb=TRIM(thisform.nofakb.Value)
IF FOUND ()
  ljml=thisform.hargabeli.value*thisform.qty.value
  dele FOR pembelian.kodebrg=TRIM(thisform.kodebrg.value) .and. ;
  nofakb=TRIM(thisform.nofakb.Value)
ELSE

```



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```

l_jml=0
ENDIF
    thisform.totbeli.value=thisform.totbeli.value-l_jml
thisform.bayar.value=thisform.totbeli.value
    SET DELETED OFF
    PACK
    SELECT FAKTURB
LOCATE FOR nofakb=TRIM(thisform.nofakb.Value)
IF thisform.totbeli.Value=0
DELETE FOR nofakb=TRIM(thisform.nofakb.Value)
PACK
    ELSE
        REPLACE nofakb with thisform.nofakb.value
        REPLACE totbeli with thisform.totbeli.value
        REPLACE tglbeli with thisform.tglbeli.value
        REPLACE nopem with thisform.nopem.value
        REPLACE diskon with thisform.diskon.value
        REPLACE bayar with thisform.bayar.value
    ENDIF
    sele tmpbeli
SET DELETED ON
    DELETE
    thisform.refresh
    thisform.qty.value=0
ENDIF
IF thisform.totbeli.Value=0
thisform.aktif(.f.)
thisform.aktif2(.t.)
thisform.aktif3(.f.)
thisform.simpan.Enabled=.f.
thisform.baru.Enabled=.t.
thisform.batal.Enabled=.f.
thisform.keluar.Enabled=.t.
thisform.cetak.Enabled=.f.
thisform.kendali(.t.)
thisform.refresh
    else
        thisform.aktif(.f.)
        thisform.aktif2(.t.)
        thisform.aktif3(.t.)
        thisform.simpan.Enabled=.t.
        thisform.baru.Enabled=.f.
        thisform.batal.Enabled=.f.
        thisform.keluar.Enabled=.f.
        thisform.cetak.Enabled=.f.
        thisform.kendali(.f.)
        thisform.refresh
    endif
RETURN

```

* Object CETAK Procedure Click



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```
SELECT pemasok
SET ORDER TO TAG NOPEM
select tmpbeli
SET RELATION TO Nopem INTO Pemasok
REPORT form d:\na\prg\kuitansib PREVIEW
thisform.batal.enabled=.f.
thisform.simpan.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.cetak.enabled=.f.
thisform.keluar.enabled=.t.
thisform.kendali(.t.)
thisform.aktif(.f.)
thisform.aktif1(.f.)
thisform.aktif2(.f.)
thisform.aktif3(.f.)
return
```

* Object PERTAMA Procedure Click

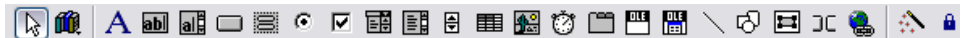
```
select fakturb
set order to tglbeli
go top
if eof()
messagebox("Tidak ada record",0,"Perhatian...!")
thisform.release()
return
endif
thisform.tampilkan()
thisform.refresh()
return
```

* Object SEBELUMNYA Procedure Click

```
select fakturb
set order to tglbeli
skip -1
if bof()
go top
endif
thisform.tampilkan()
thisform.refresh()
return
```

* Object BERIKUTNYA Procedure Click

```
select fakturb
set order to tglbeli
skip
if eof()
go bottom
endif
thisform.tampilkan()
thisform.refresh()
```



```
return
```

```
* Object TERAKHIR Procedure Click
```

```
select fakturb  
set order to tglbeli  
go bottom  
if eof()  
messagebox("Tidak ada record",0,"Perhatian...!")  
thisform.release()  
return  
endif  
thisform.tampilkan()  
thisform.refresh()  
return
```

```
* Object GRID1 Procedure AfterRowColChenge
```

```
LPARAMETERS nColIndex  
thisform.kodebrg.value=tmpbeli.kodebrg  
thisform.hargabeli.value=tmpbeli.hargadsr  
thisform.namabrg.value=tmpbeli.namabrg  
thisform.qty.value=tmpbeli.qtyb  
thisform.batal.Enabled=.t.  
return
```

```
* Object KELUAR Procedure Click
```

```
sele tmpbeli  
dele all  
set dele off  
pack  
sele pembelian  
set dele off  
pack  
thisform.release()  
return
```

B. TUGAS V:

Buatkan Form Kelola PELANGGAN



Kelola Data Pelanggan

No. Pelanggan: nopel

Nama Pelanggan: namapel

Alamat: alamat

Telp/HP: telp

No Pel	Nama Pelanggan	Alamat	Telp
abj	abj	abj	abj

BAGIAN VI

Tujuan :

1. Membuat Report Pembelian
2. Grouping

A. BAHAN PRAKTEK VI

Membuat Report Pembelian

TREE UTAMA MODIFICATION						
Jl. Raya Rancaekek - Cicalengka No. 225 (Parakanmuncang) Sumedang 45364 Telp. (022) 7780379						
LAPORAN PEMBELIAN BARANG						
Bulan : <input type="text" value="alltrim(cmonth)"/> <input type="text" value="year(a)"/>						
Title						
Page Header						
Tanggal Pembelian : <input type="text" value="tglbeli"/>						
Pemasok/U.P : <input "+"pemasok="" nama"="" type="text" value="trim(Pemasok_perusahaan)+"/>						
Nomor Faktur	Kode Barang	Nama Barang	Qty Beli	Harga Pembelian	Jumlah Pembelian	Stock Akhir
Group Header 1:tglbeli						
Group Header 2:nofakb						
<input type="text" value="kodebrg"/>	<input type="text" value="namabrg"/>	<input type="text" value="qtyb"/>	<input type="text" value="hargabeli"/>	<input type="text" value="lapbeli.hargabeli"/>	<input type="text" value="stocka"/>	
Detail						
				Total Pembelian Rp.	<input type="text" value="totbeli"/>	
				Diskon Rp.	<input type="text" value="diskon"/>	
				Jumlah Pembayaran (Uang Muka) Rp.	<input type="text" value="bayar"/>	
				Jumlah Utang Rp.	<input type="text" value="lapbeli.totbeli-Lapbeli"/>	
Group Footer 2:nofakb						
Group Footer 1:tglbeli						
Hal : <input type="text" value="alltrim"/>						
Page Footer						
				Grand Total Pembelian Rp.	<input type="text" value="totbeli"/>	
				Grand Total Diskon Rp.	<input type="text" value="diskon"/>	
				Grand Total Jumlah Pembayaran (Uang Muka) Rp.	<input type="text" value="bayar"/>	
				Grand Total Utang Rp.	<input type="text" value="Lapbeli.totbeli-Lap"/>	
Rancaekek, <input type="text" value="date()"/>						
Administrasi						
Summary						

A. TUGAS VI

Buatkan Form Transaksi Penjualan halaman 51



BAGIAN VII

Tujuan :

1. Transaksi Penjualan
2. Link File
3. Relasi File

A. BAHAN PRAKTEK VII:

7.1 Free Table Temporary TMPJUAL

Nama Free Table : TMPJUAL
Primary Key : -

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nofak	Varchar	10		↑
<input type="checkbox"/> tgljual	Date	8		↑
<input type="checkbox"/> nopel	Varchar	8		↑
<input type="checkbox"/> kodebrg	Varchar	6		↑
<input type="checkbox"/> namabrg	Varchar	35		
<input type="checkbox"/> qtyj	Numeric	4	0	
<input type="checkbox"/> hargabeli	Currency	8		
<input type="checkbox"/> hargajual	Currency	8		
<input type="checkbox"/> jmlharga	Currency	8		
<input type="checkbox"/> totjual	Currency	8		
<input type="checkbox"/> diskon	Currency	8		
<input type="checkbox"/> dp	Currency	8		
<input type="checkbox"/> piutang	Currency	8		
<input type="checkbox"/> labakotor	Currency	8		
<input type="checkbox"/> nofakb	Varchar	10		
<input type="checkbox"/> totlaba	Currency	8		
<input type="checkbox"/> jumlah	Currency	8		
<input type="checkbox"/> jmluang	Currency	8		
<input type="checkbox"/> kembali	Currency	8		

7.2 Free Table Temporary LAPJUAL

Copy file Table TMPJUAL ke LAPJUAL, kemudian indeks sesuai table TMPJUAL



7.3 Form Transaksi PENJUALAN

OLAH TRANSAKSI PENJUALAN BARANG

totbayar

Nomor Faktur

Tgl. Transaksi

Total Penjualan Rp.

Diskon Rp.

Uang Muka (DP) Rp.

Piutang Rp.

No. Pelanggan

Nama Pelanggan

Kode Barang	Nama Barang	Qty	Harga Satuan
<input type="text" value="kodebrg"/>	<input type="text" value="namabrg"/>	<input type="text" value="qty"/>	<input type="text" value="hargajual"/>

Kodebrg	Nama Barang	Qty	Harga Satuan	Jumlah
abl	abl	abl	abl	abl

Quantity Penjualan Total Qty Jual

Harga Pokok

Laba Kotor Total Laba

No Faktur Pembelian

Stock Akhir Barang

* Object FORM1 Procedure LOAD

```

SET TALK OFF
close index
close data
set date british
set cent on
set defa to E:\FIFO\DATA  && Alamat Database Anda
if used("barang")
    use in barang
endif
if used("pelanggan")
    use in pelanggan
endif
if used("faktur")
    use in faktur
endif
if used("penjualan")
    use in penjualan
endif
if used("pembelian")
    use in pembelian
endif
if used("nofakjual")
    use in nofakjual
    
```



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```

ENDIF
if used("tmpjual")
    use in tmpjual
ENDIF
if used("piutang")
    use in piutang
ENDIF
if used("LAPJUAL")
    use in LAPJUAL
ENDIF
if used("DETJUAL")
    use in DETJUAL
ENDIF
if used("LAPBELI")
    use in LAPBELI
ENDIF
* Membuka database yang diperlukan
select 1
use barang
set order to tag kodebrg
set order to tag namabrg
select 2
use pelanggan
set order to tag nopel
set order to tag namapel
select 3
use faktur
set order to tag nofak
select 4
use penjualan
set order to tag nofak
select 5
use nofakjual
select 6
USE tmpjual
SELECT 7
USE pembelian
SELECT 8
USE PIUTANG
SELECT 9
USE LAPJUAL
set order to tag nofak
SELECT 10
USE detjual
set order to tag nofak
SELECT 11
USE LAPBELI
SET ORDER TO TAG TGLBELI
RETURN

```

* Object FORM1 Procedure UNLOAD



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```
close index
close data
return
```

* Object **FORM1** Procedure **Aktif**

```
PARAMETERS x
thisform.nopel.Enabled=x
thisform.namapel.Enabled=x
RETURN
```

* Object **FORM1** Procedure **Aktif1**

```
PARAMETERS y
thisform.nofak.Enabled=y
thisform.tgljual.Enabled=y
RETURN
```

* Object **FORM1** Procedure **Aktif2**

```
PARAMETERS z
thisform.namabrg.Enabled=z
thisform.kodebrg.Enabled=z
thisform.qty.Enabled=z
thisform.hargajual.Enabled=z
RETURN
```

* Object **FORM1** Procedure **Aktif3**

```
PARAMETERS r
thisform.diskon.Enabled=r
thisform.dp.Enabled=r
thisform.jumlahuang.Enabled=r
thisform.kembalian.Enabled=r
thisform.piutang.Enabled=r
RETURN
```

* Object **FORM1** Procedure **Kendali**

```
PARAMETERS s
thisform.pertama.Enabled=s
thisform.sebelumnya.Enabled=s
thisform.berikutnya.Enabled=s
thisform.terakhir.Enabled=s
RETURN
```

* Object **FORM1** Procedure **Kosongkan**

```
thisform.namabrg.value=""
thisform.qty.value=0
thisform.kodebrg.value=""
thisform.hargajual.value=0
thisform.totjual.value=0
thisform.totbayar.value=0
thisform.dp.value=0
thisform.JumlahUang.value=0
```



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```
thisform.kembalian.value=0
thisform.totlaba.value=0
thisform.nopel.value=""
thisform.namapel.value=""
thisform.diskon.value=0
thisform.piutang.value=0
RETURN
```

*** Object FORM1 Procedure Tampilkan**

```
select faktor
SET ORDER TO TGLJUAL
thisform.nofak.value=faktur.nofak
thisform.tgljual.value=faktur.tgljual
thisform.totjual.value=faktur.totjual
thisform.diskon.value=faktur.diskon
thisform.totbayar.value=thisform.totjual.value-thisform.diskon.value
thisform.dp.value=faktur.dp
thisform.jumlahuang.value=faktur.jmluang
thisform.kembalian.value=faktur.kembali
thisform.nopel.value=faktur.nopel
```

```
SELECT PIUTANG
LOCATE FOR nofak=TRIM(thisform.nofak.value)
thisform.piutang.value=piutang.jmlpiutang
```

```
select pelanggan
locate for nopel=thisform.nopel.value
thisform.namapel.value=pelanggan.namapel
select tmpjual
delete all
set delete on
appe from penjualan for nofak=thisform.nofak.value
go top
do while ! eof()
  select barang
  locate for kodebrg=tmpjual.kodebrg
  IF FOUND()
    vnamabrg=barang.namabrg
  ELSE
    vnamabrg=""
  endif
  select tmpjual
  REPLACE namabrg with vnamabrg
  REPLACE harga jual WITH jmlharga/qtyj
  skip
enddo
REPLACE ALL NoFak WITH thisform.Nofak.Value
REPLACE ALL tgljual WITH thisform.tgljual.Value
REPLACE ALL Nopel WITH thisform.Nopel.Value
GO BOTTOM
REPLACE totjual with thisform.totjual.value
```



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```

REPLACE diskon with thisform.diskon.value
REPLACE dp with thisform.dp.value
REPLACE Piutang with thisform.piutang.value
thisform.kodebrg.value=tmpjual.kodebrg
thisform.namabrg.value=tmpjual.namabrg
thisform.hargajual.value=tmpjual.hargajual
thisform.hargabeli.value=tmpjual.hargajual-tmpjual.labakotor
thisform.qty.value=tmpjual.qtyj
GO TOP
thisform.refresh
thisform.hitung.enabled=.f.
thisform.batal.enabled=.f.
thisform.simpan.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.cetak.enabled=.t.
thisform.keluar.enabled=.t.
thisform.kendali(.t.)
thisform.aktif(.f.)
thisform.aktif1(.f.)
thisform.aktif2(.f.)
thisform.aktif3(.f.)
thisform.cari.enabled=.f.
RETURN

```

*** Object FORM1 Procedure Activate**

```

thisform.hitung.enabled=.f.
thisform.batal.enabled=.f.
thisform.simpan.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.cetak.enabled=.f.
thisform.keluar.enabled=.t.
thisform.kendali(.t.)
thisform.aktif(.f.)
thisform.aktif1(.f.)
thisform.aktif2(.f.)
thisform.aktif3(.f.)
RETURN

```

*** Object FORM1 Procedure DbClick**

```

thisform.keluar.enabled=.t.
retu

```

*** Object Cari Procedure Click**

```

SELECT pelanggan
LOCATE FOR nopel=RTRIM(thisform.nopel.Value)
IF ! FOUND()
    MESSAGEBOX("Data tidak ditemukan !",0,"Perhatian...")
    thisform.nopel.setFocus
RETURN

```



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```

endif
thisform.namapel.value=pelanggan.namapel
thisform.aktif2(.t.)
return

* Object Cari Procedure RightClick
thisform.keluar.enabled=.t.
retu

* Object NamaPel Procedure InteractiveChange
SELECT pelanggan
LOCATE FOR namapel=TRIM(thisform.namapel.Value)
thisform.nopel.value=pelanggan.nopel
thisform.aktif2(.t.)
return

* Object NamaPel Procedure LostFocus
thisform.aktif2(.t.)

* Object KodeBrg Procedure InteractiveChange
IF EMPTY(thisform.kodebrg.value)
    thisform.namabrg.value=""
    thisform.hargajual.value=""
    thisform.kodebrg.setfocus
    return
ENDIF
SELECT BARANG
LOCATE FOR KODEBRG=TRIM(thisform.kodebrg.value)
IF FOUND()
    thisform.namabrg.value=barang.Namabrg
    thisform.hargajual.value=barang.hargajual
    thisform.hargabeli.value=barang.hargabeli
    thisform.stockakhir.value=barang.stockakhir
    thisform.qty.value=1
ELSE
    thisform.namabrg.value=""
    thisform.hargajual.value=""
    thisform.kodebrg.setfocus
ENDIF
thisform.aktif(.f.)
thisform.cari.Enabled=.f.
thisform.hitung.Enabled=.t.
thisform.simpan.Enabled=.f.
thisform.baru.Enabled=.f.
thisform.batal.Enabled=.f.
thisform.keluar.Enabled=.f.
thisform.cetak.Enabled=.f.
thisform.kendali(.f.)
thisform.hitung.setfocus
return

```



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* Object **NamaBrg** Procedure **InteractiveChange**

```
thisform.kodebrg.value=barang.kodebrg
thisform.hargajual.value=barang.hargajual
thisform.hargabeli.value=barang.hargabeli
thisform.stockakhir.value=barang.stockakhir
thisform.qty.value=1
thisform.aktif(.f.)
thisform.cari.Enabled=.f.
thisform.hitung.Enabled=.t.
thisform.simpan.Enabled=.f.
thisform.baru.Enabled=.f.
thisform.batal.Enabled=.f.
thisform.keluar.Enabled=.f.
thisform.cetak.Enabled=.f.
thisform.kendali(.f.)
return
```

* Object **Tambah** Procedure **Click**

```
public Inofak
thisform.kosongkan
select barang
set order to tag namabrg

sele nofakjual
go bottom
if nofakjual.tgltran<>date()
    dele all
    pack
    append blank
    lnofak=1
else
    lnofak=nofakjual.nofak+1
endif
tgl=day(date())
bln=month(date())
th=year(date())
IF tgl<10
    vtgl="0"+LTRIM(STR(tgl,2))
ELSE
    vtgl=LTRIM(STR(tgl,2))
ENDIF
IF bln<10
    vbln="0"+LTRIM(STR(bln,2))
ELSE
    vbln=LTRIM(STR(bln,2))
ENDIF
IF lnofak<10
    vno="000"+LTRIM(STR(lnofak,4))
ELSE
    IF lnofak<100
        vno="00"+LTRIM(STR(lnofak,4))
```



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```

ELSE
IF lnofak<1000
vno="0"+LTRIM(STR(lnofak,4))
ELSE
vno=LTRIM(STR(lnofak,4))
ENDIF
ENDIF
ENDIF
thisform.nofak.value=vtgl+vbln+right(str(th,4),2)+vno

sele tmpjual
SET DELETED on
DELETE all

```

```

thisform.refresh
thisform.tgljual.value=date()
thisform.hitung.enabled=.f.
thisform.batal.enabled=.t.
thisform.simpan.enabled=.f.
thisform.baru.enabled=.f.
thisform.simpan.enabled=.f.
thisform.cetak.enabled=.f.
thisform.keluar.enabled=.f.
thisform.kendali(.F.)
thisform.aktif(.t.)
thisform.aktif1(.t.)
thisform.aktif2(.f.)
thisform.aktif3(.f.)
thisform.cari.enabled=.t.

```

```

SELECT pelanggan
LOCATE FOR UPPER(namapel)="KONSUMEN UMUM"
thisform.nopel.Value=pelanggan.nopel
thisform.namapel.Value=pelanggan.namapel
thisform.namapel.setfocus
RETURN

```

* Object Hitung Procedure Click

```

if EMPTY(thisform.nofak.Value)
messagebox("Anda Harus klik dulu tombol tambah [ + ],"+chr(13)+;
"sebelum memulai transaksi!",0,"Perhatian...")
thisform.hitung.enabled=.f.
thisform.keluar.enabled=.t.
thisform.baru.enabled=.t.
thisform.baru.setfocus
RETURN
ENDIF
SELECT barang
Locate for kodebrg=TRIM(thisform.kodebrg.value)
thisform.stockakhir.Value=barang.stockakhir
IF thisform.stockakhir.Value=0

```



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```

thisform.qty.Value=barang.stockakhir
MESSAGEBOX("Sorry Stock Barang Kosong...",0,"Perhatian...")
thisform.kodebrg.SetFocus
RETURN
ELSE
IF thisform.qty.Value>thisform.stockakhir.Value
thisform.qty.Value=barang.stockakhir
messagebox("Ops Sorry stock barang kurang...",0,"Perhatian...")
thisform.kodebrg.SetFocus
RETURN
ENDIF
ENDIF
SELECT pembelian
LOCATE for kodebrg=TRIM(thisform.kodebrg.value) .and. stockakhir>0
IF ! FOUND()
SELECT barang
Locate for kodebrg=TRIM(thisform.kodebrg.value)
thisform.hargabeli.Value=barang.hargabeli
thisform.stockakhir.Value=barang.stockakhir
jml=thisform.hargajual.value*thisform.qty.Value
thisform.totjual.value=thisform.totjual.value+jml
vselhrng=thisform.hargajual.value-thisform.hargabeli.Value
vlabakotor=vselhrng*thisform.qty.Value
thisform.labakotor.value=thisform.labakotor.value+vlabakotor
REPLACE barang.stockakhir WITH barang.stockakhir-thisform.qty.Value
thisform.totlaba.value=thisform.totlaba.value+vlabakotor
ELSE
SELECT LAPBELI
SET DELETED OFF
DELETE ALL
PACK
APPEND FROM PEMBELIAN for kodebrg=TRIM(thisform.kodebrg.value) .and. stockakhir>0
GO TOP
vtqtyj=0
DO WHILE ! EOF()
SET ORDER TO TAG TGLBELI
Locate for kodebrg=TRIM(thisform.kodebrg.value) .and. lapbeli.stockakhir>0
vhargabeli=lapbeli.hargabeli
vstockakhir=lapbeli.stockakhir
vqtyj=thisform.qty.value-vtqtyj
thisform.nofakb.value=lapbeli.nofakb
if vstockakhir<=vqtyj
thisform.qtyj.value=vstockakhir
vtqtyj=vtqtyj+thisform.qtyj.value
thisform.tqtyj.value=vtqtyj
SELECT pembelian
Locate for kodebrg=TRIM(thisform.kodebrg.value) .and. nofakb=lapbeli.nofakb
REPLACE pembelian.stockakhir WITH 0
ELSE
sisastock=vstockakhir-vqtyj
thisform.qtyj.value=vqtyj

```



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```

vtqtyj=vtqtyj+thisform.qtyj.value
thisform.tqtyj.value=vtqtyj
SELECT pembelian
Locate for kodebrg=TRIM(thisform.kodebrg.value) .and. nofakb=lapbeli.nofakb
REPLACE pembelian.stockakhir WITH sisastock
ENDIF
jml=thisform.hargajual.value*thisform.qtyj.value
thisform.totjual.value=thisform.totjual.value+jml
vselhrng=thisform.hargajual.value-vhargabeli
vlabakotor=vselhrng*thisform.qtyj.value
thisform.labakotor.value=thisform.labakotor.value+vlabakotor
thisform.totlaba.value=thisform.totlaba.value+vlabakotor
sele detjual
appe blank
REPLACE Nofak with thisform.Nofak.value
REPLACE tgljual with thisform.tgljual.value
REPLACE kodebrg with thisform.kodebrg.value
REPLACE Nofakb with thisform.Nofakb.value
REPLACE qtyj with thisform.qtyj.value
REPLACE jmlharga with jml
REPLACE labakotor with vlabakotor

SELECT barang
Locate for kodebrg=TRIM(thisform.kodebrg.value)
REPLACE barang.stockakhir with barang.stockakhir-thisform.qtyj.value
SELECT LAPBELI
IF thisform.qty.value=vqtyj
    EXIT
ENDIF

SKIP
ENDDO
qtysisa=thisform.qty.value-vtqtyj
IF qtysisa>0
    SELECT barang
    Locate for kodebrg=TRIM(thisform.kodebrg.value)
    thisform.hargabeli.Value=barang.hargabeli
    thisform.stockakhir.Value=barang.stockakhir
    jml=thisform.hargajual.value*qtysisa
    thisform.totjual.value=thisform.totjual.value+jml
    vselhrng=thisform.hargajual.value-thisform.hargabeli.Value
    vlabakotor=vselhrng*qtysisa
    thisform.labakotor.value=thisform.labakotor.value+vlabakotor
    REPLACE barang.stockakhir WITH barang.stockakhir-qtysisa
    thisform.totlaba.value=thisform.totlaba.value+vlabakotor
ENDIF
ENDIF

select tmpjual
append blank
REPLACE nofak with thisform.Nofak.value

```



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```
REPLACE tgljual with thisform.tgljual.value
REPLACE nopel with thisform.nopel.value
REPLACE kodebrg with thisform.kodebrg.value
REPLACE namabrg with thisform.namabrg.value
REPLACE qtyJ with thisform.qty.value
REPLACE jmlharga with thisform.qty.value*thisform.hargajual.value
REPLACE hargajual with thisform.hargajual.value
REPLACE labakotor with thisform.labakotor.value
REPLACE totlaba with thisform.totlaba.value
thisform.refresh
```

```
sele penjualan
appe blank
REPLACE Nofak with thisform.Nofak.value
REPLACE tgljual with thisform.tgljual.value
REPLACE kodebrg with thisform.kodebrg.value
REPLACE qtyJ with thisform.qty.value
REPLACE jmlharga with thisform.qty.value*thisform.hargajual.value
REPLACE labakotor with thisform.labakotor.value
```

```
select faktur
locate for nofak=trim(thisform.nofak.value)
IF ! FOUND()
    APPEND BLANK
ENDIF
REPLACE nofak with thisform.nofak.value
REPLACE totjual with thisform.totjual.value
REPLACE tgljual with thisform.tgljual.value
REPLACE nopel with thisform.nopel.value
REPLACE diskon with thisform.diskon.value
REPLACE dp with thisform.dp.value
REPLACE jmluang with thisform.jumlahuang.value
REPLACE kembali with thisform.kembalian.value
REPLACE totlaba with thisform.totlaba.value
```

```
select tmpjual
thisform.totbayar.value=thisform.totjual.value
thisform.namabrg.value=""
thisform.kodebrg.value=""
thisform.qty.value=0
thisform.hargajual.value=0
thisform.aktif(.f.)
thisform.aktif3(.t.)
thisform.cari.Enabled=.f.
thisform.hitung.Enabled=.f.
thisform.simpan.Enabled=.t.
thisform.baru.Enabled=.f.
thisform.batal.Enabled=.f.
thisform.keluar.Enabled=.f.
thisform.cetak.Enabled=.f.
thisform.kendali(.f.)
```



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```
IF TRIM(UPPER(thisform.namapel.value))="KONSUMEN UMUM"
  thisform.piutang.enabled= .F.
  ELSE
    thisform.piutang.enabled= .t.
  endif
thisform.kodebrg.setFocus
RETURN
```

* Object Diskon Procedure LostFocus

```
thisform.totbayar.value=thisform.totjual.value-thisform.diskon.value
thisform.dp.value=thisform.totbayar.value
return
```

* Object DP Procedure Click

```
thisform.dp.value=thisform.totjual.value-thisform.diskon.value
thisform.piutang.value=thisform.totjual.value-thisform.diskon.value-;
thisform.dp.value
retu
```

* Object DP Procedure LostFocus

```
thisform.piutang.value=thisform.totjual.value-thisform.diskon.value-;
thisform.dp.value
IF TRIM(UPPER(thisform.namapel.value))="KONSUMEN UMUM" .and.
thisform.piutang.value>0
  thisform.piutang.value=0
  messagebox("Konsumen Umum harus kontan...",0,"Perhatian...")
  thisform.dp.setFocus
  thisform.jumlahuang.enabled=.f.
  RETURN
ENDIF
IF thisform.dp.value>thisform.totbayar.value
  thisform.piutang.value=0
  messagebox("Ops sorry anda salah masukan jumlah uang muka/DP...",;
  0,"Perhatian...")
  thisform.dp.setFocus
  thisform.jumlahuang.enabled=.f.
  RETURN
ENDIF
```

```
thisform.jumlahuang.setFocus
thisform.jumlahuang.enabled=.t.
retu
```

* Object JumlahUang Procedure LostFocus

```
IF thisform.jumlahuang.value<thisform.dp.value
  thisform.kembalian.value=0
  MESSAGEBOX("Ops Sorry anda salah memasukan nilai nominal uang !",;
  0,"Perhatian...")
  thisform.jumlahuang.SetFocus
  RETURN
```



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```
endif
thisform.kembalian.value=thisform.jumlahuang.value-
thisform.totbayar.value
thisform.simpan.enabled=.t.
retu
```

*** Object Simpan Procedure Click**

```
if empty(thisform.jumlahuang.value)
  messagebox("Maaf Anda Keliru Memasukan Jumlah Bayar...";
  0,"Perhatian...")
  thisform.jumlahuang.setfocus
  retu
ENDIF
IF TRIM(UPPER(thisform.namapel.value))="KONSUMEN UMUM" .and.
thisform.piutang.value>0
  messagebox("Konsumen Umum harus kontan...",0,"Perhatian...")
  thisform.dp.setfocus
  RETURN
ENDIF
if thisform.totjual.value>0
  select faktur
  locate for nofak=trim(thisform.nofak.value)
  if ! found()
    append blank
  endif
  REPLACE nofak with thisform.nofak.value
  REPLACE totjual with thisform.totjual.value
  REPLACE tgljual with thisform.tgljual.value
  REPLACE nopel with thisform.nopel.value
  REPLACE diskon with thisform.diskon.value
  REPLACE dp with thisform.dp.value
  REPLACE jmluang with thisform.jumlahuang.value
  REPLACE kembali with thisform.kembalian.value
  REPLACE totlaba with thisform.totlaba.value

  if thisform.piutang.value>0
    SELECT PIUTANG
    APPEND BLANK
    REPLACE nofak with thisform.nofak.value
    REPLACE tgljual with thisform.tgljual.value
    REPLACE nopel with thisform.nopel.value
    REPLACE jmlpiutang with thisform.piutang.value
    REPLACE saldo with thisform.piutang.value
    SELECT pelanggan
    LOCATE FOR nopel=TRIM(thisform.nopel.Value)
    REPLACE totpiutang WITH totpiutang+thisform.piutang.Value
  ENDIF

  select tmpjual
  go bottom
  REPLACE nofak with thisform.nofak.value
```



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```

REPLACE totjual with thisform.totjual.value
REPLACE tgljual with thisform.tgljual.value
REPLACE nopel with thisform.nopel.value
REPLACE diskon with thisform.diskon.value
REPLACE dp with thisform.dp.value
REPLACE jmluang with thisform.jumlahuang.value
REPLACE kembali with thisform.kembalian.value
REPLACE totlaba with thisform.totlaba.value
ENDIF

```

```

sele NOFakJUAL
go bottom
repl tgltran with thisform.tgljual.value
repl nofak with lnofak

```

```

thisform.refresh
thisform.hitung.enabled=.f.
thisform.batal.enabled=.f.
thisform.simpan.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.keluar.enabled=.t.
thisform.kendali(.t.)
thisform.aktif(.f.)
thisform.aktif1(.f.)
thisform.aktif2(.f.)
thisform.aktif3(.f.)
thisform.cari.enabled=.f.
thisform.cetak.enabled=.t.
thisform.baru.setFocus
return

```

*** Object Grid1 Procedure AfterRowCollChange**

```

LPARAMETERS nColIndex
thisform.kodebrg.value=tmpjual.kodebrg
thisform.namabrg.value=tmpjual.namabrg
thisform.qty.value=tmpjual.qtyj
thisform.hargajual.value=tmpjual.hargajual
SELECT pembelian
LOCATE FOR kodebrg=TRIM(thisform.kodebrg.value)
thisform.hargabeli.value=pembelian.hargabeli
thisform.batal.Enabled=.t.
RETURN

```

*** Object Batal Procedure Click**

```

IF EMPTY(THISFORM.kodebrg.Value) .OR. EMPTY(THISFORM.namabrg.Value) .OR. ;
EMPTY(THISFORM.QTY.Value)
MESSAGEBOX("Click dulu Record di Grid yang akan dibatalkan",0,"Perhatian...")
thisform.grid1.SetFocus
RETURN
ENDIF

```



Created By Encep Supriatna, SE, S.Kom, MM

```

jawab=messagebox("Anda mau membatalkan transaksi ?",4+32+256,"Perhatian...")
if jawab=6
    SELECT barang
    LOCATE FOR kodebrg=TRIM(thisform.kodebrg.Value)
    REPLACE STOCKAKHIR WITH STOCKAKHIR+thisform.qty.value

    SELECT LAPJUAL
    DELETE ALL
    PACK
    APPEND FROM DETJUAL FOR kodebrg=TRIM(thisform.kodebrg.Value) .and.;
    Nofak=TRIM(thisform.Nofak.value)
    GO top
    DO WHILE ! EOF()
        SELECT pembelian
        LOCATE FOR kodebrg=LAPJUAL.KODEBRG .and. Nofak=LAPJUAL.NOFAKB
        IF FOUND()
            vqtyj=LAPJUAL.QTYJ
            REPLACE STOCKAKHIR WITH STOCKAKHIR+VQTYJ
            ELSE
            SELECT BARANG
            LOCATE FOR kodebrg=LAPJUAL.KODEBRG
            vqtyj=LAPJUAL.QTYJ
            REPLACE STOCKAKHIR WITH STOCKAKHIR+VQTYJ
        ENDIF
        SELECT LAPJUAL
        SKIP
    ENDDO
    SELECT DETJUAL
    DELE FOR kodebrg=TRIM(thisform.kodebrg.Value) .and.;
    Nofak=TRIM(thisform.Nofak.value)
    pack
    sele penjualan
    loca for penjualan.kodebrg=TRIM(thisform.kodebrg.value) .and. ;
    nofak=TRIM(thisform.nofak.Value)
    IF FOUND()
        VJML=PENJUALAN.JMLHARGA
        VLABA=PENJUALAN.LABAKOTOR
        DELETE FOR penjualan.kodebrg=TRIM(thisform.kodebrg.value) .and. ;
        nofak=TRIM(thisform.nofak.Value)
        PACK
    ELSE
        VJML=0
        VLABA=0
    ENDIF
    thisform.totjual.value=thisform.totjual.value-VJML
    thisform.totlaba.value=thisform.totjual.value-VLABA
    thisform.totbayar.value=thisform.totjual.value
    thisform.dp.value=thisform.totbayar.value
    SET DELETED OFF
    PACK

```



★ Created By Eneep Supriatna, SE, S.Kom, MM

```

SELECT FAKTUR
LOCATE FOR nofak=TRIM(thisform.nofak.Value)
IF thisform.totjual.Value=0
  DELETE FOR nofak=TRIM(thisform.nofak.Value)
  PACK
ELSE
  REPLACE nofak with thisform.nofak.value
  REPLACE totjual with thisform.totjual.value
  REPLACE tgljual with thisform.tgljual.value
  REPLACE nopel with thisform.nopel.value
  REPLACE diskon with thisform.diskon.value
  REPLACE dp with thisform.dp.value
  REPLACE totlaba with thisform.totlaba.value
ENDIF

SELECT tmpjual
SET DELETED ON
DELETE
thisform.refresh
thisform.qty.value=0
ENDIF
IF thisform.totjual.Value=0
  thisform.aktif(.f.)
  thisform.aktif2(.t.)
  thisform.aktif3(.f.)
  thisform.hitung.Enabled=.f.
  thisform.simpan.Enabled=.f.
  thisform.baru.Enabled=.t.
  thisform.batal.Enabled=.f.
  thisform.keluar.Enabled=.t.
  thisform.cetak.Enabled=.f.
  thisform.kendali(.t.)
  thisform.refresh
else
  thisform.aktif(.f.)
  thisform.aktif2(.t.)
  thisform.aktif3(.t.)
  thisform.cari.Enabled=.f.
  thisform.hitung.Enabled=.f.
  thisform.simpan.Enabled=.t.
  thisform.baru.Enabled=.f.
  thisform.batal.Enabled=.f.
  thisform.keluar.Enabled=.f.
  thisform.cetak.Enabled=.f.
  thisform.kendali(.f.)
  thisform.refresh
endif
RETURN

```

* Object **Cetak** Procedure Click

```
SELECT pelanggan
```



★ Created By Encep Supriatna, SE, S.Kom, MM

```

SET ORDER TO TAG NOPEL
select tmpjual
SET RELATION TO Nopel INTO Pelanggan
REPORT form e:\fifo\prg\kuitansi PREVIEW
thisform.hitung.enabled=.f.
thisform.batal.enabled=.f.
thisform.simpan.enabled=.f.
thisform.baru.enabled=.t.
thisform.simpan.enabled=.f.
thisform.cetak.enabled=.f.
thisform.keluar.enabled=.t.
thisform.kendali(.t.)
thisform.aktif(.f.)
thisform.aktif1(.f.)
thisform.aktif2(.f.)
thisform.aktif3(.f.)
thisform.cari.enabled=.f.
RETURN

```

*** Object Keluar Procedure Click**

```

sele tmpjual
dele all
set dele off
pack
sele penjualan
set dele off
PACK
thisform.release
RETURN

```

*** Object Pertama Procedure Click**

```

select faktor
SET ORDER TO TGLJUAL
go top
if eof()
    messagebox("Tidak ada record",0,"Perhatian...!")
    thisform.release
    return
endif
thisform.tampilkan
thisform.refresh
RETURN

```

*** Object Sebelumnya Procedure Click**

```

select faktor
SET ORDER TO TGLJUAL
skip -1
if bof()
    go top
endif

```



 Created By Encep Supriatna, SE, S.Kom, MM

```
thisform.tampilkan
thisform.refresh
RETURN
```

*** Object Berikutnya Procedure Click**

```
select faktur
SET ORDER TO TGLJUAL
skip
if eof()
    go bottom
endif
thisform.tampilkan
thisform.refresh
RETURN
```

*** Object Terakhir Procedure Click**

```
select faktur
SET ORDER TO TGLJUAL
go bottom
if eof()
    messagebox("Tidak ada record",0,"Perhatian...!")
    thisform.release
    return
endif
thisform.tampilkan
thisform.refresh
RETURN
```

B. TUGAS VII

Buatkan Laporan Persediaan Barang (Stock Barang)



BAGIAN VIII

Tujuan :

1. Membuat Report Kwitansi
2. Grouping

A. BAHAN PRAKTEK VIII

Membuat Report Kwitansi

Kode Barang	Nama Barang	Qty	Harga Satuan	Jumlah
<p>TREE UTAMA MODIFICATION</p> <p>Jl. Raya Bandung - Garut Km. 35 Parakanmuncang Bandung 40394 Telp. (022) 7780379</p> <p style="text-align: center;">FAKTUR PENJUALAN BARANG</p> <p>Kepada Yth.</p> <p>namaPel : <input type="text"/> No. Faktur : <input type="text"/>trim(tmpjual.no) alamat : <input type="text"/> Tanggal : <input type="text"/>totjual</p>				
<p>△ Page Header</p> <p>kodebrg : <input type="text"/> namabrg : <input type="text"/> qty : <input type="text"/> hargajual : <input type="text"/> jmlharga : <input type="text"/></p> <p>▲ Detail</p>				
<p>△ Page Footer</p> <p>Jumlah Uang : Rp. <input type="text"/>jmluang Total Transaksi Rp. <input type="text"/>totjual Diskon Rp. <input type="text"/>diskon Jumlah Kembalian : Rp. <input type="text"/>kembali Uang Muka (DP) Rp. <input type="text"/>dp Sisa / Piutang Rp. <input type="text"/>tmpjual.totjual-tr</p> <p style="text-align: right;">Rancaekek, <input type="text"/>date() <input type="text"/>namauser Bagian Penjualan</p>				
<p>△ Summary</p>				

B. TUGAS VIII

Tambahkan aplikasi terbilang pada Kwitansi Penjualan dan Laporan Daftar Belanja Barang (Laporan Rekomendasi Order Pembelian)



BAGIAN IX

Tujuan :

1. Membuat Report Penjualan Harian
2. Grouping

A. BAHAN PRAKTEK IX

9.1 Membuat Report Penjualan Harian

<p>TREE UTAMA MODIFICATION Jl. Raya Bandung - Garut Km. 35 Parakanmuncang Bandung 40394 Telp. (022) 7780379</p>																																																																																																																																							
<p>LAPORAN PENJUALAN BARANG Per tanggal : <input type="text" value="tgljual"/></p>																																																																																																																																							
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<p>△ Group Header 1:tgljual</p>																																																																																																																																							
<p>Nomor Faktur : <input type="text" value="nofak"/></p> <p>Nama / Nomor Pelanggan: <input *+lapjual.nopel"="" type="text" value="trim(Pelanggan.namapeli*"/></p>																																																																																																																																							
<table border="1"> <thead> <tr> <th>Kode Barang</th> <th>Nama Barang</th> <th>Harga Satuan</th> <th>Qty</th> <th>Jumlah Penjualan</th> <th>Diskon</th> <th>Penjualan Bersih</th> <th>Laba Kotor Penjualan</th> </tr> </thead> <tbody> <tr> <td colspan="10"> <p>△ Group Header 2:nofak</p> </td> </tr> <tr> <td><input type="text" value="kodebrg"/></td> <td><input type="text" value="namabrg"/></td> <td><input type="text" value="lapjual.jmharg"/></td> <td><input type="text" value="qtyj"/></td> <td><input type="text" value="jmharga"/></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="10"> <p>△ Detail</p> </td> </tr> <tr> <td colspan="10" style="text-align: right;"> <p>Total Penjualan Per Faktur Rp <input type="text" value="jmharga"/> <input type="text" value="diskon"/> <input type="text" value="lapjual.totjual"/> <input type="text" value="labakotor"/></p> </td> </tr> <tr> <td colspan="10"> <p>△ Group Footer 2:nofak</p> </td> </tr> <tr> <td colspan="10"> <p>△ Group Footer 1:tgljual</p> </td> </tr> <tr> <td colspan="10" style="text-align: right;"> <p>Hal : <input type="text" value="altrim"/></p> </td> </tr> <tr> <td colspan="10"> <p>△ Page Footer</p> </td> </tr> <tr> <td colspan="10" style="text-align: right;"> <p>Grand Total Rp <input type="text" value="jmharga"/> <input type="text" value="diskon"/> <input type="text" value="lapjual.totjual"/> <input type="text" value="labakotor"/></p> </td> </tr> <tr> <td colspan="10" style="text-align: right;"> <p>Rancaekek <input type="text" value="date()"/></p> </td> </tr> <tr> <td colspan="10" style="text-align: right;"> <p><input type="text" value="namauser"/> Bagian Penjualan</p> </td> </tr> <tr> <td colspan="10"> <p>△ Summary</p> </td> </tr> </tbody></table>										Kode Barang	Nama Barang	Harga Satuan	Qty	Jumlah Penjualan	Diskon	Penjualan Bersih	Laba Kotor Penjualan	<p>△ Group Header 2:nofak</p>										<input type="text" value="kodebrg"/>	<input type="text" value="namabrg"/>	<input type="text" value="lapjual.jmharg"/>	<input type="text" value="qtyj"/>	<input type="text" value="jmharga"/>				<p>△ Detail</p>										<p>Total Penjualan Per Faktur Rp <input type="text" value="jmharga"/> <input type="text" value="diskon"/> <input type="text" value="lapjual.totjual"/> <input type="text" value="labakotor"/></p>										<p>△ Group Footer 2:nofak</p>										<p>△ Group Footer 1:tgljual</p>										<p>Hal : <input type="text" value="altrim"/></p>										<p>△ Page Footer</p>										<p>Grand Total Rp <input type="text" value="jmharga"/> <input type="text" value="diskon"/> <input type="text" value="lapjual.totjual"/> <input type="text" value="labakotor"/></p>										<p>Rancaekek <input type="text" value="date()"/></p>										<p><input type="text" value="namauser"/> Bagian Penjualan</p>										<p>△ Summary</p>									
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9.2 Membuat Form Penjualan Harian

LAPORAN HARIAN PENJUALAN

Tanggal :



★ Created By Encep Supriatna, SE, S.Kom, MM

* Object Form1 Procedure LOAD

```
close data
close index
set date british
set cent on
if used("barang")
    use in barang
endif
if used("faktur")
    use in faktur
endif
if used("penjualan")
    use in penjualan
endif
if used("lapjual")
    use in lapjual
endif
if used("tmpjual")
    use in tmpjual
endif
if used("pelanggan")
    use in pelanggan
endif
if used("tmpuser")
    use in tmpuser
endif
set defa to e:\fifo\data
select a
use barang
set order to tag kodebrg
select b
use faktur
set order to tag nofak
set order to tag tgljual
reindex
select c
use penjualan
set order to tag nofak
select d
use lapjual
set order to tag nofak
select e
USE pelanggan
SET ORDER TO tag nopel
SELECT f
use tmpjual
SELECT g
use tmpuser
```



★ Created By Encep Supriatna, SE, S.Kom, MM

* Object **Form1** Procedure **Activate**

```
thisform.tgl1.day=DAY (DATE ())
thisform.tgl1.month=MONTH (DATE ())
thisform.tgl1.year=YEAR (DATE ())
thisform.tgl1.setfocus ()
return
```

* Object **Form1** Procedure **UNLOAD**

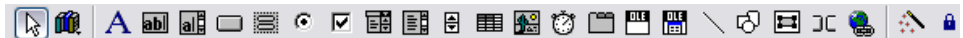
```
close data
close index
return
```

* Object **Cetak** Procedure **Click**

```
tgl1=thisform.tgl1.day
bln1=thisform.tgl1.month
thn1=thisform.tgl1.year
tgl1a=TRIM (str (tgl1,2))+"/"+TRIM (str (bln1,2))+"/"+str (thn1,4)
tgla=ctod (tgl1a)
```

```
SELECT lapjual
SET DELETED OFF
DELETE ALL
PACK
appe from penjualan FOR tgljual=tgla
```

```
SELECT faktur
GO top
do while ! eof ()
  select LAPJUAL
  locate for nofak=FAKTUR.nofak
  IF FOUND ()
    vtotjual=faktur.totjual
    vdiskon=faktur.diskon
    vdp=faktur.dp
    vnopel=faktur.nopel
  ELSE
    vtotjual=0
    vdiskon=0
    vdp=0
    vnopel=""
  ENDF
  REPLACE totjual WITH vtotjual
  REPLACE diskon WITH vdiskon
  REPLACE dp WITH vdp
  REPLACE nopel WITH vnopel
  SELECT FAKTUR
  skip
ENDDO
```



★ Created By Encep Supriatna, SE, S.Kom, MM

```
SELECT LAPJUAL
SET RELATION TO NOPEL INTO PELANGGAN, KODEBRG INTO BARANG
SET ORDER TO tag tgljual
repo form e:\fif0\prg\lapharian preview
return
```

* Object Keluar Procedure Click

```
thisform.release()
return
```

B. TUGAS IX

Buatkan Laporan Penjualan Per Periode



BAGIAN X

Tujuan :

1. Membuat Report Penjualan Bulanan
2. Grouping

A. BAHAN PRAKTEK X

10.1 Membuat Report Penjualan Bulanan

TREE UTAMA MODIFICATION
 Jl. Raya Bandung-Garut Km. 35 Parakanmuncang
 Bandung 40394 Telp. (022) 7780379

LAPORAN PENJUALAN BARANG

Bulan : / / /

△ Title

Tanggal	Jumlah Penjualan	Diskon	Uang Muka (DP)	Jumlah Piutang	Laba Kotor Penjualan
---------	------------------	--------	----------------	----------------	----------------------

△ Page Header

△ Group Header 1:tgljual

△ Detail

<input type="text" value="tgljual"/>	Rp <input type="text" value="totjual"/>	<input type="text" value="diskon"/>	<input type="text" value="dp"/>	<input type="text" value="Lapjual.totjual-Lap"/>	<input type="text" value="totlaba"/>
--------------------------------------	---	-------------------------------------	---------------------------------	--	--------------------------------------

△ Group Footer 1:tgljual

Hal. :

△ Page Footer

Grand Total	Rp <input type="text" value="totjual"/>	<input type="text" value="diskon"/>	<input type="text" value="dp"/>	<input type="text" value="Lapjual.totjual-Lap"/>	<input type="text" value="totlaba"/>
--------------------	---	-------------------------------------	---------------------------------	--	--------------------------------------

Rancaekek,

Administrasi

△ Summary

10.2 Membuat Form Penjualan Bulanan

LAPORAN BULANAN PENJUALAN

Bulan :

* Object Form1 Procedure Load

```
close data
close index
set date british
set cent on
if used("faktur")
```



★ Created By Eneep Supriatna, SE, S.Kom, MM

```

    use in faktur
endif
if used("penjualan")
    use in penjualan
endif
if used("lapjual")
    use in lapjual
endif
if used("pelanggan")
    use in pelanggan
ENDIF
if used("tmpuser")
    use in tmpuser
endif
set defa to e:\fifo\data
select a
use faktur
set order to tag nofak
set order to tag tgljual
reindex
select b
use penjualan
set order to tag nofak
select c
use lapjual
set order to tag nofak
select d
USE pelanggan
SET ORDER TO tag nopel
select e
USE tmpuser

```

* Object **Form1** Procedure **Activate**

```

thisform.tgl1.day=DAY( DATE() )
thisform.tgl1.month=MONTH( DATE() )
thisform.tgl1.year=YEAR( DATE() )
thisform.tgl1.setfocus()
return

```

* Object **Form1** Procedure **Unload**

```

close data
close index
return

```

* Object **Cetak** Procedure **Click**

```

bln1=thisform.tgl1.month
thn1=thisform.tgl1.year
SELECT lapjual
SET DELETED OFF
DELETE ALL

```



Created By Encep Supriatna, SE, S.Kom, MM

```
PACK
appe from faktur FOR MONTH(tgljual)=bln1 .and. YEAR(tgljual)=thn1
SELECT LAPJUAL
SET ORDER TO tag tgljual
SELECT pelanggan
SET ORDER TO TAG NOPEL
SELECT LAPJUAL
SET RELATION TO NOPEL INTO PELANGGAN
repo form e:\fifo\prg\lapbulanan preview
return
```

* Object Keluar Procedure Click

```
thisform.release
return
```

B. TUGAS X

Buatkan Laporan Penjualan Tahunan



BAGIAN XI

Tujuan :

1. Membuat Table Bayar Piutang
2. Membuat Form Bayar Piutang

A. BAHAN PRAKTEK XI

11.1 Membuat Table Bayar Piutang dan TMPPIUTANG

1. Nama Table : ByrPiutang

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nobayar	Varchar	10		↑
<input type="checkbox"/> tglbayar	Date	8		
<input type="checkbox"/> catatan	Varchar	40		
<input type="checkbox"/> nofak	Varchar	10		↑
<input type="checkbox"/> nopel	Varchar	8		↑
<input type="checkbox"/> jmlbayar	Currency	8		
<input type="checkbox"/> diskon	Currency	8		
<input type="checkbox"/> saldo	Currency	8		

2. Nama Table : TMPPIUTANG

Name	Type	Width	Decimal	Index
<input type="checkbox"/> nobayar	Varchar	10		↑
<input type="checkbox"/> tglbayar	Date	8		
<input type="checkbox"/> catatan	Varchar	40		
<input type="checkbox"/> nofak	Varchar	10		↑
<input type="checkbox"/> nopel	Varchar	8		↑
<input type="checkbox"/> jmlpiutang	Currency	8		
<input type="checkbox"/> jmlbayar	Currency	8		
<input type="checkbox"/> diskon	Currency	8		
<input type="checkbox"/> saldo	Currency	8		
<input type="checkbox"/> no	Numeric	3	0	

3. Nama Table : NoBukti

Name	Type	Width	Decimal	Index
<input type="checkbox"/> no	Numeric	6	0	
<input type="checkbox"/> tanggal	Date	8		



11.2 Membuat Form Bayar Piutang

TRANSAKSI BAYAR PIUTANG

No. Pelanggan: Cari Nomor Transaksi:

Nama Pelanggan: Tanggal Transaksi:

Total Piutang:

No. Faktur	Awal Piutang	Diskon	Jumlah Bayar	Akhir Piutang
nofak	piutangawal	diskon	jmlbayar	piutangakhir

No Bayar	Jumlah Piutang	Diskon	Jumlah Bayar	Saldo Piutang
abi	abi	abi	abi	abi

Text10
Balancing

* Object **FORM1** Procedure **LOAD**

```

SET DEFAULT TO E:\FIFO\DATA
CLOSE DATABASES
CLOSE INDEXES
SET DATE BRITISH
SET CENTURY ON
SET EXACT ON
IF USED("Pelanggan")
    USE IN Pelanggan
ENDIF
IF USED("Piutang")
    USE IN Piutang
ENDIF
IF USED("ByrPiutang")
    USE IN ByrPiutang
ENDIF
IF USED("TmpPiutang")
    USE IN TmpPiutang
ENDIF
IF USED("NoBukti")
    USE IN NoBukti
ENDIF

SELECT 1
USE Pelanggan
SET ORDER TO TAG Nopel
SELECT 2
USE Piutang
SET ORDER TO TAG Nopel
    
```



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```
SELECT 3
USE ByrPiutang
SET ORDER TO TAG nopel
SELECT 4
USE TmpPiutang
SET ORDER TO TAG NoBayar
SELECT 5
USE NoBukti
RETURN
```

* Object **FORM1** Procedure **UNLOAD**

```
CLOSE DATABASES
CLOSE INDEXES
RETURN
```

* Object **FORM1** Procedure **AKTIFKAN**

```
PARAMETERS x
thisform.tglbayar.enabled=x
thisform.nopel.enabled=x
thisform.namapel.enabled=x
thisform.jmlbayar.enabled=x
thisform.totalbayar.enabled=x
thisform.piutangakhir.enabled=x
thisform.diskon.enabled=x
RETURN
```

* Object **FORM1** Procedure **KENDALI**

```
PARAMETERS Y
thisform.pertama.Enabled=Y
thisform.berikutnya.Enabled=Y
thisform.sebelumnya.Enabled=Y
thisform.terakhir.Enabled=Y
RETURN
```

* Object **FORM1** Procedure **KOSONGKAN**

```
thisform.nopel.Value=""
thisform.namapel.Value=""
thisform.jmlbayar.Value=0
thisform.diskon.Value=0
thisform.totalbayar.Value=0
thisform.piutangawal.Value=0
thisform.piutangakhir.Value=0
RETURN
```

* Object **FORM1** Procedure **TAMPIL**

```
SELECT tmppiutang
GO bottom
thisform.Nofak.value=tmppiutang.NoFak
thisform.piutangawal.value=tmppiutang.saldo
```



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```
thisform.diskon.value=tmppiutang.diskon
RETURN
```

* Object **FORM1** Procedure **TAMPILKAN**

```
SELECT ByrPiutang
thisform.nobayar.value=ByrPiutang.NoBayar
thisform.tglbayar.value=ByrPiutang.TglBayar
thisform.nopel.value=ByrPiutang.nopel
thisform.jmlbayar.value=ByrPiutang.JmlBayar
thisform.diskon.value=ByrPiutang.diskon
thisform.nofak.value=ByrPiutang.nofak
SELECT pelanggan
LOCATE FOR nopel=TRIM(thisform.nopel.Value)
thisform.namapel.Value=pelanggan.namapel
SELECT tmppiutang
DELETE ALL
SET DELETED ON
APPEND FROM Piutang FOR NoFak=TRIM(thisform.nofak.Value)
APPEND FROM ByrPiutang FOR NoFak=TRIM(thisform.nofak.Value)
GO top
SELECT tmppiutang
thisform.totalbayar.Value=thisform.diskon.Value+thisform.jmlbayar.Value
thisform.piutangakhir.Value=tmpPiutang.saldo
thisform.Refresh
RETURN
```

* Object **FORM1** Procedure **ACTIVATE**

```
thisform.aktifkan(.f.)
SELECT TMPPIUTANG
DELETE ALL
SET DELETED ON
thisform.kosongkan
thisform.tglbayar.Value=DATE()
thisform.kendali(.t.)
thisform.ok.enabled=.f.
thisform.tambah.enabled=.t.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.keluar.enabled=.t.
thisform.tambah.setFocus
RETURN
```

* Object **CARI** Procedure **Click**

```
SELECT pelanggan
LOCATE FOR nopel=RTRIM(thisform.nopel.Value)
IF ! FOUND()
MESSAGEBOX("Data tidak ditemukan !",0,"Perhatian...")
thisform.nopel.SetFocus
RETURN
```



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```

endif
thisform.namapel.value=pelanggan.namapel
thisform.nopel.value=pelanggan.nopel

SELECT TMPPIUTANG
DELETE ALL
SET DELETED ON
APPEND FROM PIUTANG FOR Nopel=TRIM(thisform.nopel.Value) .and. saldo>0
thisform.grid1.SetFocus
thisform.refresh

SELECT pelanggan
LOCATE FOR nopel=TRIM(thisform.nopel.Value)
thisform.totalbayar.Value=pelanggan.saldo_p
thisform.piutangakhir.Value=pelanggan.saldo_p
thisform.text10.Value=thisform.totalbayar.Value

thisform.aktifkan(.t.)
thisform.totalbayar.setfocus
return

```

* Object **NAMAPEL** Procedure **InteractiveChange**

```

thisform.nopel.value=pelanggan.nopel

SELECT TMPPIUTANG
DELETE ALL
SET DELETED ON
APPEND FROM PIUTANG FOR Nopel=TRIM(thisform.nopel.Value) .and. saldo>0
thisform.grid1.SetFocus
thisform.refresh

SELECT pelanggan
LOCATE FOR nopel=TRIM(thisform.nopel.Value)
thisform.totalbayar.Value=pelanggan.totpiutang
thisform.piutangakhir.Value=pelanggan.totpiutang
thisform.text10.Value=thisform.totalbayar.Value

thisform.aktifkan(.t.)
thisform.totalbayar.setfocus
return

```

* Object **DISKON** Procedure **Click**

```

IF thisform.totalbayar.Value=0
MESSAGEBOX("Isi dulu Total Bayar !",0,"Perhatian...")
thisform.Totalbayar.setfocus
RETURN
ENDIF

```



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* Object **DISKON** Procedure **LostFocus**

```
IF thisform.jmlbayar.Value>0
    thisform.jmlbayar.Value=thisform.jmlbayar.Value-thisform.diskon.Value
ELSE
    IF thisform.text10.Value>=thisform.piutangawal.Value
        thisform.jmlbayar.Value=thisform.piutangawal.Value-
thisform.diskon.Value
    ELSE
        thisform.jmlbayar.Value=thisform.text10.Value-thisform.diskon.Value
    ENDIF
ENDIF
ENDIF
```

* Object **JmlBayar** Procedure **Click**

```
IF thisform.totalbayar.Value=0
    MESSAGEBOX("Isi dulu Total Bayar !",0,"Perhatian...")
    thisform.totalbayar.setfocus
    RETURN
endif
thisform.ok.setfocus
thisform.ok.enabled=.t.
IF thisform.text10.Value>=thisform.piutangawal.Value
    thisform.jmlbayar.Value=thisform.piutangawal.Value-
thisform.diskon.Value
ELSE
    thisform.jmlbayar.Value=thisform.text10.Value-thisform.diskon.Value
ENDIF
```

* Object **TAMBAH** Procedure **Click**

```
PUBLIC vNo
thisform.kosongkan
thisform.refresh
thisform.aktifkan(.t.)
y=YEAR (DATE ())
SELECT NoBukti
GO BOTTOM
IF YEAR (NoBukti.Tanggal) <> YEAR (DATE ())
    DELETE ALL
    PACK
    APPEND BLANK
    Vno=1
ELSE
    Vno=NoBukti.No+1
ENDIF
IF vNo<10
    VNoBukti=STR(y,4)+"0000"+STR(Vno,1)
else
IF vNo<100
    VNoBukti=STR(y,4)+"0000"+STR(Vno,2)
ELSE
IF vNo<1000
```



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```
VNoBukti=STR(y,4)+"000"+STR(Vno,3)
ELSE
IF vNo<10000
VNoBukti=STR(y,4)+"00"+STR(Vno,4)
ELSE
IF vNo<100000
VNoBukti=STR(y,4)+"0"+STR(Vno,5)
ELSE
VNoBukti=STR(y,4)+STR(Vno,6)
ENDIF
ENDIF
ENDIF
ENDIF
ENDIF
thisform.nobayar.Value=vNoBukti
thisform.tglbayar.Value=DATE()
```

```
thisform.kendali(.f.)
thisform.ok.enabled=.t.
thisform.tambah.enabled=.f.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.t.
thisform.keluar.enabled=.f.
thisform.lihat.enabled=.f.
thisform.nopel.setfocus
RETURN
```

* Object OK Procedure Click

```
SET FILTER TO
SELECT Pelanggan
LOCATE FOR nopel=TRIM(thisform.nopel.Value)
IF FOUND()
    REPLACE totpiutang WITH totpiutang-
    (thisform.jmlbayar.Value+thisform.diskon.Value)
ENDIF
```

```
SELECT tmpPiutang
APPEND blank
REPLACE NoBayar WITH thisform.nobayar.value
REPLACE TglBayar WITH thisform.tglbayar.value
REPLACE NoFak WITH thisform.nofak.value
REPLACE nopel WITH thisform.nopel.value
REPLACE JmlPiutang WITH thisform.piutangawal.value
REPLACE diskon WITH thisform.diskon.value
REPLACE JmlBayar WITH thisform.jmlbayar.value
REPLACE saldo WITH (thisform.piutangakhir.value-thisform.jmlbayar.value-
thisform.diskon.value)
```

```
SELECT ByrPiutang
APPEND BLANK
REPLACE NoBayar WITH thisform.nobayar.value
```



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```

REPLACE TglBayar WITH thisform.tglbayar.value
REPLACE catatan WITH "Bayar Piutang Nomor Bukti
"+trim(thisform.nofak.value)
REPLACE NoFak WITH thisform.NoFak.value
REPLACE nopel WITH thisform.nopel.value
REPLACE diskon WITH thisform.diskon.value
REPLACE JmlBayar WITH thisform.jmlbayar.value
REPLACE saldo WITH (thisform.piutangakhir.value-thisform.jmlbayar.value-
thisform.diskon.value)

SELECT Piutang
LOCATE FOR Nopel=TRIM(thisform.nopel.Value) .and.;
  nofak=TRIM(thisform.nofak.Value)
REPLACE saldo WITH saldo-(thisform.jmlbayar.value+thisform.diskon.value)
thisform.text10.Value=thisform.text10.Value-
(thisform.jmlbayar.Value+thisform.diskon.Value)
thisform.piutangakhir.Value=Pelanggan.totpiutang
thisform.grid1.setfocus
thisform.refresh
thisform.kendali(.f.)
thisform.ok.enabled=.f.
thisform.tambah.enabled=.f.
thisform.simpan.enabled=.t.
thisform.batal.enabled=.t.
thisform.keluar.enabled=.f.
thisform.lihat.enabled=.t.
thisform.totalbayar.setfocus
RETURN

```

* Object **Simpan** Procedure Click

```

IF EMPTY(thisform.nopel.value)
  MESSAGEBOX("Transaksi Tidak Bisa di Proses"+CHR(13)+CHR(13)+;
  "Isi data dengan lengkap !",0,"Perhatian...")
  RETURN
ENDIF
IF thisform.text10.Value<>thisform.piutangakhir.Value
  MESSAGEBOX("Transaksi Pembayaran salah..",0,"Perhatian..")
  thisform.jmlbayar.setfocus
  RETURN
ENDIF
SET FILTER TO
SELECT NoBukti
GO bottom
REPLACE No WITH Vno
REPLACE tanggal WITH thisform.tglbayar.value
thisform.kendali(.t.)
thisform.ok.enabled=.f.
thisform.tambah.enabled=.t.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.keluar.enabled=.t.

```



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```
thisform.tambah.setfocus
RETURN
```

* Object **Batal** Procedure Click

```
thisform.grid1.setfocus
thisform.refresh
thisform.jmlbayar.Value=0
thisform.kendali(.t.)
thisform.ok.enabled=.f.
thisform.tambah.enabled=.t.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.keluar.enabled=.t.
thisform.refresh
thisform.tambah.setfocus
RETURN
```

* Object **Cetak** Procedure Click

```
SELECT tmpputang
REPLACE ALL tglbayar WITH thisform.tglbayar.Value
REPLACE ALL nobayar WITH thisform.nobayar.Value
SET RELATION TO NoPel INTO Pelanggan
SET FILTER TO NoFak=trim(thisform.nofak.Value)
REPORT FORM e:\fifo\prg\kuitansibp PREVIEW
RETURN
```

* Object **Keluar** Procedure Click

```
SELECT tmpputang
SET DELETED OFF
PACK
thisform.Release
RETURN
```

* Object **Pertama** Procedure Click

```
SELECT ByrPutang
GO top
IF EOF ()
    MESSAGEBOX ("Record Kosong...",0,"Perhatian...")
    RETURN
ENDIF
thisform.tampilkan
thisform.kendali(.t.)
thisform.ok.enabled=.f.
thisform.tambah.enabled=.t.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.keluar.enabled=.t.
thisform.grid1.SetFocus ()
thisform.Refresh
```



RETURN

* Object **TerAkhir** Procedure Click

```
SELECT ByrPiutang
GO Bottom
IF EOF ()
    MESSAGEBOX ("Record Kosong...",0,"Perhatian...")
    RETURN
ENDIF
thisform.tampilkan
thisform.kendali (.t.)
thisform.ok.enabled=.f.
thisform.tambah.enabled=.t.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.keluar.enabled=.t.
thisform.grid1.SetFocus ()
thisform.Refresh
RETURN
```

* Object **Sebelumnya** Procedure Click

```
SELECT ByrPiutang
SKIP -1
IF EOF ()
    GO bottom
ENDIF
thisform.tampilkan
thisform.kendali (.t.)
thisform.ok.enabled=.f.
thisform.tambah.enabled=.t.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
thisform.keluar.enabled=.t.
thisform.grid1.SetFocus ()
thisform.Refresh
RETURN
```

* Object **Berikutnya** Procedure Click

```
SELECT ByrPiutang
SKIP
IF EOF ()
    GO bottom
ENDIF
thisform.tampilkan
thisform.kendali (.t.)
thisform.ok.enabled=.f.
thisform.tambah.enabled=.t.
thisform.simpan.enabled=.f.
thisform.batal.enabled=.f.
```



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```
thisform.keluar.enabled=.t.  
thisform.grid1.SetFocus ()  
thisform.Refresh  
RETURN
```

* Object **GRID1** Procedure **AfterRowCollChange**

```
LPARAMETERS nColIndex  
thisform.tampil  
RETURN
```

B. TUGAS XI

Buatkan Laporan Saldo Piutang



BAGIAN XII

Tujuan :

1. Membuat Report Kwitansi Bayar Piutang
2. Menampilkannya dari Tombol Cetak Form Bayar Piutang

A. BAHAN PRAKTEK XII

12.1 Membuat Report Kwitansi Bayar Piutang

Nomor Faktur	Saldo Awal Piutang	Diskon	Jumlah Bayar	Saldo Akhir Piutang
<p>TREE UTAMA MODIFICATION Jl. Raya Bandung - Garut Km. 35 Rancaekek Bandung 40394 Telp. (022) 7780379</p> <p style="text-align: center;">BUKTI PEMBAYARAN PIUTANG</p> <p>Kepada Yth. Nama: <input type="text" value="namapele"/> Alamat: <input type="text" value="alamat"/></p> <p>No. Transaksi : <input type="text" value="trm(tmpputang"/> Tanggal : <input type="text" value="tglbayar"/></p>				
<p>Page Header</p> <p>no fak <input type="text"/> jml piutang <input type="text"/> diskon <input type="text"/> jml bayar <input type="text"/> saldo <input type="text"/></p> <p>Detail</p> <p>Page Footer</p> <p style="text-align: right;">Rancaekek, <input type="text" value="date()"/></p> <p style="text-align: right;">Keuangan</p> <p>Summary</p>				

12.2 Menjalankan Report Kwitansi Bayar Piutang dari Form Bayar Piutang

B. TUGAS XII

Buatkan Laporan Pembayaran Piutang Bulanan



BAGIAN XIII

Tujuan :

1. Membuat Form Backup Data Master
2. Membuat Form Backup Data Transaksi

A. BAHAN PRAKTEK XIII

13.1 Membuat Procedure BackUp Data Master dari Menu Backup Master

```

set defa to e:\fifo\data
close data
close index
if used("barang")
  use in barang
endif
if used("pelanggan")
  use in pelanggan
endif
if used("pemasok")
  use in pemasok
endif

use barang
set order to tag kodebrg
copy to d:\backup\backbrg
use pelanggan
set order to tag NOPEL
copy to d:\backup\backpel
use pemasok
set order to tag NOPEM
copy to d:\backup\backpem
return

```

13.2 Membuat Form BackUp Data Transaksi

1. Membuat Form BackUp Pembelian



* Object **FORM1** Procedure **Activate**

```

set defa to e:\fifo\DATA
close data
close index
if used("pembelian")
    use in pembelian
endif
if used("fakturb")
    use in fakturb
endif
set date BRITISH
set cent on
select a
use pembelian
select b
use fakturb

a=date()
b=alltrim(left(cmont(a),3))
t=alltrim(right(str(year(a),4),2))
ext=".DBF"
fb="FB"
pb="PB"
g=pb+b+t+ext
h=fb+b+t+ext
thisform.text1.value=g
thisform.text2.value=h
retu

```

* Object **Form1** Procedure **UnLoad**

```

close data
close inde
retu

```

* Object **Proses** Procedure **Click**

```

nfp=alltrim(thisform.text1.value)
nff=alltrim(thisform.text2.value)
select pembelian
copy to d:\backup\&nfp
select fakturb
copy to d:\backup\&nff
thisform.release()
retu

```

* Object **Keluar** Procedure **Click**

```

thisform.release()
retu

```



2. Membuat Form BackUp Penjualan

* Object **FORM1** Procedure **LOAD**

```

set defa to e:\FIFO\DATA
close data
close index
if used("penjualan")
    use in penjualan
endif
if used("faktur")
    use in faktur
endif
set date BRITISH
set cent on
select A
use penjualan
select B
use faktur

a=date()
B=alltrim(left(cmont(a),3))
T=alltrim(right(str(year(a),4),2))
ext=".DBF"
fj="FJ"
pj="PJ"
tfj=pj +b+T+ext
tpj=fj +b+T+ext
thisform.text1.value=tpj
thisform.text2.value=tfj
retu

```

* Object **FORM1** Procedure **UNLOAD**

```

close data
close inde
retu

```

* Object **PROSES** Procedure **Click**

```

npj=alltrim(thisform.text1.value)
nfj=alltrim(thisform.text2.value)
select penjualan
copy to d:\backup\&npj

```



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```
select faktur  
copy to d:\backup\&nfj  
thisform.release()  
retu
```

* Object **Keluar** Procedure **Click**

```
thisform.release()  
retu
```

B. TUGAS XIII

Buatkan BackUp Data Pembayaran Piutang



BAGIAN XIV

Tujuan :

1. Membuat Form Backup Data Master
2. Membuat Form Backup Data Transaksi

A. BAHAN PRAKTEK XIV

14.1 Membuat Procedure Tutup Buku File pada Menu Tutup Buku

```

SET DEFAULT TO e:\fifo\data
jawab=messagebox("Anda sudah membackup semua file
?",4+32+512,"Perhatian...!")
if jawab=6
    close data
    close index
    set dele off
if used("penjualan")
    use in penjualan
ENDIF
if used("faktur")
    use in faktur
endif
if used("pembelian")
    use in pembelian
endif
if used("fakturb")
    use in fakturb
endif

use penjualan
dele all
PACK
USE
use faktur
dele all
PACK
USE
use pembelian
dele all
PACK
USE

```



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```
use fakturb
dele all
PACK
USE
endif
retur
```

14.2 Membuat Form Restore File

* Object Form1 Procedure Activate

```
set defa to e:\fiffo\data
thisform.tgl.day=DAY (DATE ())
thisform.tgl.month=MONTH (DATE ())
thisform.tgl.year=year (DATE ())
```

* Object Form1 Procedure UnLoad

```
close data
close inde
retu
```

* Object Proses Procedure Click

```
tgl =thisform.tgl.day
bulan=thisform.tgl.month
tahun=thisform.tgl.year
```

```
do case
case bulan=1
bln="Jan"
case bulan=2
bln="Feb"
case bulan=3
bln="Mar"
case bulan=4
bln="Apr"
case bulan=5
bln="May"
case bulan=6
bln="Jun"
case bulan=7
bln="Jul"
```



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```

case bulan=8
  bln="Aug"
case bulan=9
  bln="Sep"
case bulan=10
  bln="Oct"
case bulan=11
  bln="Nov"
othe
  bln="Dec"
endc
thn=right(STR(tahun,4),2)
ext=".DBF"
fj="FJ"
pj="PJ"
fb="FB"
pb="PB"
frj="FRJ"
rj="RJ"
frb="FRB"
rb="RB"
pi="PI"
ut="UT"
dj="DJ"
drj="DRJ"
fakjl=fj +bln+thn+ext
jual =pj +bln+thn+ext
fakpb=fb +bln+thn+ext
beli =pb +bln+thn+ext
fakrj=frj+bln+thn+ext
rjual=rj +bln+thn+ext
fakrb=frb+bln+thn+ext
rbeli=rb +bln+thn+ext
piut =pi +bln+thn+ext
utng =ut +bln+thn+ext
detj =dj +bln+thn+ext
detrj=drj+bln+thn+ext
use faktur
appe from d:\backup\&fakjl
use
use penjualan
appe from d:\backup\&jual
USE
use fakturb
appe from d:\backup\&fakpb
USE
use pembelian
appe from d:\backup\&beli
USE
use fakturrj
appe from d:\backup\&fakrj

```



```
USE
USE returjual
appe from d:\backup\&rjual
USE
use fakturrb
appe from d:\backup\&fakrb
use
use returbeli
appe from d:\backup\&rbeli
use
use piutang
appe from d:\backup\&piut
USE
use utang
appe from d:\backup\&utng
use
use detjual
appe from d:\backup\&detj
use
use detrj
appe from d:\backup\&detrj
use
thisform.release()
RETURN
```

* Object Keluar Procedure Click

```
thisform.release()
retu
```

B. TUGAS XIV

Buatkan Compiler File dari Sistem Informasi Inventory model FIFO

