



## **VIDYALAYA MANAGER**

A Project Report Submitted  
in Partial Fulfillment of the Requirements

**AISSCE - All India Senior School Certificate Examination  
2019-20 STREAM: SCIENCE - XII A**

In  
**COMPUTER SCIENCE (083)**

By:

- 1. AKHIL - XII A - ROLL NO:2**
- 2. HARSH - XII A - ROLL NO:7**
- 3. JAGDISH - XII A - ROLL NO:8**
- 4. RAMANDEEP - XII A - ROLL NO :18**

**KENDRIYA VIDYALAYA HOLTA CAMP PALAMPUR  
JANUARY , 2020**

# **UNDERTAKING**

We declare that the work presented in this project titled “VIDYALAYA MANAGER”, submitted to **Sh. Sanjeev Sharma PGT-Computer Science Kendriya Vidyalaya Holta Camp Palampur** for the award of the **CBSE - AISSE class XII certificate.**

We have not plagiarized or submitted the same work for the award of any other examination. In case this undertaking is found incorrect, we accept that our Certificates may be unconditionally withdrawn.

January, 2020

Place : Kendriya Vidyalaya Palampur

- 1. AKHIL - XII A - ROLL NO:2**
- 2. HARSH - XII A - ROLL NO:7**
- 3. JAGDISH - XII A - ROLL NO:8**

## **CERTIFICATE**

Certified that the work contained in the project titled **“VIDYALAYA MANAGER”**, by “AKHIL, HARSH, JAGDISH ”, has been carried out under my supervision and that this work has not been submitted elsewhere for a AISSE certificate.

**Mentor:**

**(LALIT KUMAR)  
PRINCIPAL  
KENDRIYA VIDYALAYA PALAMPUR**

**Project Guide:**

**Sanjeev Sharma  
PGT-Computer Science  
Kendriya Vidyalaya Palampur**

## **Acknowledgements**

We would like to thank **Sh. Lalit Kumar**, Principal Kendriya Vidyalaya Palampur.

We are deeply indebted to our mentor **Sh. Sanjeev Sharma**.

We further thank to all the staff members of Kendriya Vidyalaya Palampur.

We owe our sincere gratitude towards Kendriya Vidyalaya Sangathan.

Our heartfelt thanks to CBSE.

We also express our deepest gratitude to our parents.

Finally, we would like to wind up by paying our heartfelt thanks to all our near and dear ones.

**1.AKHIL**  
**2.HARSH**  
**3.JAGDISH**

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# Introduction of the Project

We the students of CLASS XIIC of KENDRIYA VIDYALAYA PALAMPUR HOLTA have been assigned the work of “**VIDYALAYA MANAGER**”.

To perform this task the students were divided into the group of three students named as AKHL, HARSH, JAGDISH. AKHIL is assigned the work of coding of program while the other group members HARSH AND JAGDISH were assigned the work of analyzing the program and lead the program to the conclusion.

## **The project starts with –**

Enter1: New admission

Enter2: Display students data

Enter3: Update students data

Enter4: Issue transfer certificate

Enter5: Add students marks detail

Enter6: Generate all students report card

Enter7: Generate students wise report card

Enter8: Pay students fee

Enter9: Generate students wise fee receipt

Enter10: Generate students fee receipt

Enter11: Exit

We are so glad that this work has been assigned to us, yet we haven't done this work before .**SH. SANJEEV SHARMA** our subject teacher has also helped us a lot to complete this project.

We have learnt all this work with the help of our sir, we are also thankful to our respected We feel so blessed that principal **SH. LALIT KUMAR GUPTA** for providing us various facilities to complete this project.

As we are the students of CLASS XII A and we haven't done this type of project before, we have performed all that which we have learnt from our CBSE PROGRAMMING. Hence, we know that this

programming would be further done on a big platform. Since we have started this programming from SEPTEMBER 2019 month, we believe that this programming would further help us a lot in our future.

We are also thankful to our group mates for cooperating with each other while performing this task we have also polished the skills of group activity.

## **PROCESS**

FIRSTLY, we have done the planning in a paper work regarding what have to do on the assigned project **“VIDYALAYA MANAGER”**.

SECONDLY, we discussed our planning with our subject teacher and then he provided us the right path to perform the work.

NEXT, we started our project on foot paths of our subject teacher.

THEN, we started our coding, coding took around 2 and half months for completion.

NEXT, we analyzed the mistakes done and then we corrected them.

THEN, we prepared the project format as shown above.

THANKS TO ALL OF WORTHY TEACHERS AND PRINCIPAL AND MY DEAR GROUP MATES, ALSO A GREAT THANKS TO KENDRIYA VIDYALAYA SANGATHAN FOR PROVIDING US THIS GOLDEN OPPORTUNITY .....

# **System Requirements of the Project**

## **Recommended System Requirements**

Processors: Intel® Core™ i3 processor 4300M at 2.60 GHz.

Disk space: 2 to 4 GB.

Operating systems: Windows® 10, MACOS, and UBUNTU.

Python Versions: 3.X.X or Higher.

## **Minimum System Requirements**

Processors: Intel Atom® processor or Intel® Core™ i3 processor.

Disk space: 1 GB.

Operating systems: Windows 7 or later, MACOS, and UBUNTU.

Python Versions: 2.7.X, 3.6.X.

## **Prerequisites before installing MySQL Connector Python**

You need root or administrator privileges to perform the installation process.

Python must be installed on your machine.

Note: – MySQL Connector Python requires python to be in the system's PATH. Installation fails if it doesn't find Python.

On Windows, If Python doesn't exist in the system's PATH, please manually add the directory containing python.exe yourself.



# Python Coding

```
#####KENDRIYA VIDYALAYA PALAMPUR #####
#####VIDYALAYA MANAGER #####
#####Designed and Maintained By:"
#####AKHIL - CLASS XII A - ROLL NO - 2 [ 2019-2020 ]"
#####HARSH KUMAR - CLASS XII A - ROLL NO - 7 [ 2019-2020 ]"
#####JAGDISH V.L. - CLASS XII A - ROLL NO - 8 [ 2019-2020 ]"

import mysql.connector

# GLOBAL VARIABLES DECLARATION

myConnection = ""
cursor="" -
userName=""
password = ""

#MODULE TO CHECK MYSQL CONNECTIVITY
def MySQLconnectionCheck ():

    global myConnection
    global userName
    global password

    userName = input("\n ENTER MYSQL SERVER'S USERNAME : ")
    password = input("\n ENTER MYSQL SERVER'S PASSWORD : ")

myConnection=mysql.connector.connect(host="localhost",user=userName,passwd
=password , auth_plugin='mysql_native_password' )
    if myConnection:
        print("\n CONGRATULATIONS ! YOUR MYSQL CONNECTION HAS BEEN
ESTABLISHED !")
        cursor=myConnection.cursor()
        cursor.execute("CREATE DATABASE IF NOT EXISTS SMS")
        cursor.execute("COMMIT")
        cursor.close()
        return myConnection
    else:
        print("\nERROR ESTABLISHING MYSQL CONNECTION CHECK
USERNAME AND PASSWORD !")

#MODULE TO ESTABLISHED MYSQL CONNECTION
def MySQLconnection ():
```

```
global userName
global password
global myConnection
```

```
myConnection=mysql.connector.connect(host="localhost",user=userName,passwd
=password , database="SMS" , auth_plugin='mysql_native_password' )
if myConnection:
    return myConnection
else:
    print("\nERROR ESTABLISHING MYSQL CONNECTION !")
    myConnection.close()
```

```
#MODULE FOR NEW ADMISSION
```

```
def newStudent():
```

```
    if myConnection:
```

```
        cursor=myConnection.cursor()
        createTable ="""CREATE TABLE IF NOT EXISTS STUDENT(SNAME
VARCHAR(30),FNAME VARCHAR(30),MNAME VARCHAR(30)
        ,PHONE VARCHAR(12), ADDRESS VARCHAR(100),SCLASS
VARCHAR(5),SSECTION VARCHAR(5),
        SROLL_NO VARCHAR(5),SADMISSION_NO VARCHAR(10)
PRIMARY KEY)
        """
```

```
        cursor.execute(createTable)
```

```
        sname=input("\n ENTER STUDENT'S NAME : ")
        fname=input(" ENTER FATHER'S NAME : ")
        mname=input(" ENTER MOTHER'S NAME : ")
        phone=input(" ENTER CONTACT NO. : ")
        address=input(" ENTER ADDRESS : ")
        sclass =input(" ENTER CLASS : ")
        ssection=input(" ENTER SECTION : ")
        sroll_no=input(" ENTER ROLL_NO : ")
        sadmission_no=input(" ENTER ADMISSION_NO : ")
```

```
        sql="INSERT INTO
student(SNAME,FNAME,MNAME,PHONE,ADDRESS,SCLASS,SSECTION,SROLL_
NO,SADMISSION_NO) VALUES(%s,%s,%s,%s,%s,%s,%s,%s,%s,%s)"
        values=(sname,fname,mname,phone,address
,sclass,ssection,sroll_no,sadmission_no)
        cursor.execute(sql,values)
        cursor.execute("COMMIT")
        cursor.close()
        print("\nNew Student Enrolled Successfully !")
```

```

else:
    print("\nERROR ESTABLISHING MYSQL CONNECTION !")

#MODULE TO DISPLAY STUDENT'S DATA
def displayStudent():
    cursor=myConnection.cursor()
    if myConnection:
        cursor.execute("SELECT * FROM STUDENT")
        data=cursor.fetchall()
        print(data)
        cursor.close()
    else:
        print("\nSomthing Went Wrong ,Please Try Again !")

#MODULE TO UPDATE STUDENT'S RECORD
def updateStudent():
    cursor=myConnection.cursor()
    if myConnection:
        admission_no=input("ENTER ADMISSION NO")
        sql="SELECT * FROM STUDENT WHERE SADMISSION_NO= %s"
        cursor.execute(sql,(admission_no,))
        data=cursor.fetchall()
        if data:
            print("PRESS 1 FOR NAME")
            print("PRESS 2 FOR CLASS")
            print("PRESS 3 FOR ROLL NO")
            choice=int(input("Enter Your Choice"))
            if choice==1:
                name=input("ENTER NAME OF THE STUDENT :")
                sql="UPDATE STUDENT SET SNAME= %s WHERE SADMISSION_NO =
%s"
                cursor.execute(sql,(name,admission_no))
                cursor.execute("COMMIT")
                print("NAME UPDATED")

            elif choice == 2:
                std=input("ENTER CLASS OF THE STUDENT :")
                sql="UPDATE STUDENT SET SCLASS= %s WHERE SADMISSION_NO=
%s"
                cursor.execute(sql,(std,admission_no))
                cursor.execute("COMMIT")
                print("CLASS UPDATED")

            elif choice==3:
                roll_no=int(input("ENTER ROLL NO OF THE STUDENT :"))

```

```

        sql="UPDATE STUDENT SET SROLL_NO= %s WHERE
SADMISSION_NO = %s"
        cursor.execute(sql,(roll_no,admission_no))
        cursor.execute("COMMIT")
        print("ROLL NO UPDATED")

```

```

else:
    print("Record Not Found Try Again !")
    cursor.close()
else:
    print("\nSomthing Went Wrong ,Please Try Again !")

```

#MODULE TO ENTER MARKS OF THE STUDENT

```
def marksStudent () :
```

```
    if myConnection:
```

```

        cursor=myConnection.cursor()
        createTable ="""CREATE TABLE IF NOT EXISTS MARKS(SADMISSION_NO
VARCHAR(10) PRIMARY KEY,HINDI INT,ENGLISH INT ,MATH INT ,
        SCIENCE INT,SOCIAL INT,COMPUTER INT,TOTAL INT ,AVERAGE
DECIMAL)
        """

```

```

        cursor.execute(createTable)
        admission_no=input("ENTER ADMISSION NO OF THE STUDENT :")
        hindi=int(input("\n ENTER MARKS OF HINDI : "))
        english=int(input("\n ENTER MARKS OF ENGLISH : "))
        math=int(input("\n ENTER MARKS OF MATH : "))
        science=int(input("\n ENTER MARKS OF SCIENCE : "))
        social=int(input("\n ENTER MARKS OF SOCIAL : "))
        computer =int(input("\n ENTER MARKS OF COMPUTER : "))
        total = hindi + english + math + science + social + computer
        average = total/6
        sql="INSERT INTO
MARKS(SADMISSION_NO,HINDI,ENGLISH,MATH,SCIENCE,SOCIAL,COMPUTER,
TOTAL,AVERAGE) VALUES(%s,%s,%s,%s,%s,%s,%s,%s,%s,%s)"
        values=(admission_no,hindi,english,math,science,social,computer , total ,
average)
        cursor.execute(sql,values)
        cursor.execute("COMMIT")
        cursor.close()
        print("\nMarks of the Student Entered Successfully !")

```

```

else:
    print("\nERROR ESTABLISHING MYSQL CONNECTION !")

```

#MODULE TO GENERATE REPORT CARD OF ALL STUDENTS

```

def reportCardAllStudent () :
    cursor=myConnection.cursor()
    if myConnection:
        cursor.execute("SELECT * FROM MARKS")
        data=cursor.fetchall()
        print(data)
        cursor.close()
    else:
        print("\nSomthing Went Wrong ,Please Try Again !")

```

#MODULE TO GENERATE REPORT CARD OF ONE STUDENTS

```

def reportCardOneStudent():
    cursor=myConnection.cursor()
    if myConnection:
        admission_no=input("ENTER ADMISSION NO OF THE STUDENT :")
        cursor=myConnection.cursor()
        sql="SELECT * FROM MARKS WHERE SADMISION_NO= %s"
        cursor.execute(sql,(admission_no,))
        data=cursor.fetchall()
        if data:
            print(data)
        else:
            print("Record Not Found , Please Try Again !")
        cursor.close()

    else:
        print("\nSomthing Went Wrong ,Please Try Again !")

```

#MODULE TO ENTER FEES OF THE STUDENTS

```

def feeStudent () :
    if myConnection:

        cursor=myConnection.cursor()
        createTable ="""CREATE TABLE IF NOT EXISTS FEES(SADMISION_NO
VARCHAR(10) PRIMARY KEY,MONTH INT ,TUTION_FEES INT,VVN INT
,COMPUTER_FEES INT ,
                MUSIC_FEES INT, TOTAL INT)
        """

        cursor.execute(createTable)
        admission_no=input("ENTER ADMISSION NO OF THE STUDENT :")
        month=int(input("\n ENTER MONTH IN NUMERIC FORM (1-12) : "))
        tutionfee=int(input("\n ENTER TUTION FEES : "))
        vvn=int(input("\n ENTER VVN : "))
        computerfee=int(input("\n ENTER COMPUTER FEES : "))
        musicfee=int(input("\n ENTER MUSIC FEES : "))
        total = tutionfee + vvn + computerfee + musicfee

```

```

        sql="INSERT
        FEES(SADMISSION_NO,MONTH,TUTION_FEES,VVN,COMPUTER_FEES,MUSIC_
        FEES,TOTAL) VALUES(%s,%s,%s,%s,%s,%s,%s)"
        values=(admission_no,month,tutionfee,vvn,computerfee,musicfee,total)
        cursor.execute(sql,values)
        cursor.execute("COMMIT")
        cursor.close()
        print("\nFees of Student Accepted Successfully !")

```

```

else:
    print("\nERROR ESTABLISHING MYSQL CONNECTION !")

```

#MODULE TO GENERATE FEES RECEIPT OF ALL STUDENTS

```

def feeReceiptAllStudent():
    cursor=myConnection.cursor()
    if myConnection:
        cursor.execute("SELECT * FROM FEES")
        data=cursor.fetchall()
        print(data)
        cursor.close()
    else:
        print("\nSomthing Went Wrong ,Please Try Again !")

```

#MODULE TO GENERATE FEES RECEIPT OF ONE STUDENT

```

def feeReceiptOneStudent():
    cursor=myConnection.cursor()
    if myConnection:
        admission_no=input("ENTER ADMISSION NO OF THE STUDENT :")
        cursor=myConnection.cursor()
        sql="SELECT * FROM FEES WHERE SADMISSION_NO= %s"
        cursor.execute(sql,(admission_no,))
        data=cursor.fetchall()
        if data:
            print(data)
        else:
            print("Record Not Found , Please Try Again !")
        cursor.close()

```

```

else:
    print("\nSomthing Went Wrong ,Please Try Again !")

```

#MODULE TO ISSUE TRANSFER CERTIFICATE

```

def transferStudent():
    cursor=myConnection.cursor()

```

```

if myConnection:
    admission_no=input("ENTER ADMISSION NO OF THE STUDENT :")
    cursor=myConnection.cursor()
    sql="SELECT * FROM STUDENT WHERE SADMSSION_NO= %s"
    cursor.execute(sql,(admission_no,))
    data=cursor.fetchall()
    if data:
        sql=("DELETE FROM STUDENT WHERE SADMSSION_NO=%s")
        cursor.execute(sql,(admission_no,))
        cursor.execute("COMMIT")
        print("Student's Transfer Certificate Generated !!!")
    else:
        print("Record Not Found , Please Try Again !")
    cursor.close()

else:
    print("\nSomthing Went Wrong ,Please Try Again !")

#MODULE TO PROVIDE HELP FOR USER
def helpMe():
    print("Please, Visit The Official Website Of Vidyalaya To Download The Manual
!!!")

# MAIN SCREEN OF THE SYSTEM
print("#####")

print("\n |-----SESSION 2019 - 2020 -----| ")
print("\n |
                WELCOME                |")
print("\n |
                KENDRIYA VIDYALAYA PALAMPUR HOLTA                |")
print("\n | *****VIDYALAYA MANAGER ***** |")
print("\n | *****DESIGNED AND MAINTAINED BY:***** |")
print("\n | *****AKHIL - CLASS XII A - ROLL NO - 2 ***** |")
print("\n | *****HARSH KUMAR - CLASS XII A - ROLL NO - 7 ***** |")
print("\n | *****JAGDISH V.L. - CLASS XII A - ROLL NO - 8 ***** |")
print("\n |-----| ")
print("\n |
                VIDYALAYA MANAGER                |")
print("\n |-----| ")

print("#####")

#STARTING POINT OF THE SYSTEM

```

```

myConnection = MySQLconnectionCheck ()
if myConnection:
    MySQLconnection ()
    while(1):

        print(" |-----| ")
        print(" |          Enter 1 - New Admission.          | ")
        print(" |          Enter 2 - Display Student's Data.    | ")
        print(" |          Enter 3 - Update Students's Data .   | ")
        print(" |          Enter 4 - Issue Transfer Certifcate . | ")
        print(" |          Enter 5 - Add Student's Marks Detail. | ")
        print(" |          Enter 6 - Generate All Student's Report Card. | ")
        print(" |          Enter 7 - Generate Student Wise Report Card. | ")
        print(" |          Enter 8 - Pay Student's Fee.         | ")
        print(" |          Enter 9 - Generate Student Wise Fees Receipt. | ")
        print(" |          Enter 10 - Generate Student's Fee Receipt. | ")
        print(" |          Enter 11- Exit.                       | ")
        print(" |-----| ")
        print(" |          Enter 0(ZERO) - Help.                 | ")
        print(" |-----| ")

        choice=int(input("PLEASE ENTER YOUR CHOICE : "))
        if choice==1:
            newStudent()
        elif choice==2:
            displayStudent()
        elif choice==3:

            updateStudent()
        elif choice==4:
            transferStudent()
        elif choice==5:
            marksStudent()
        elif choice==6:
            reportCardAllStudent()
        elif choice==7:
            reportCardOneStudent()
        elif choice==8:
            feeStudent()
        elif choice==9:
            feeReceiptAllStudent()
        elif choice==10:
            feeReceiptOneStudent()
        elif choice==11:
            myConnection.close()
            break
        elif choice==0:

```



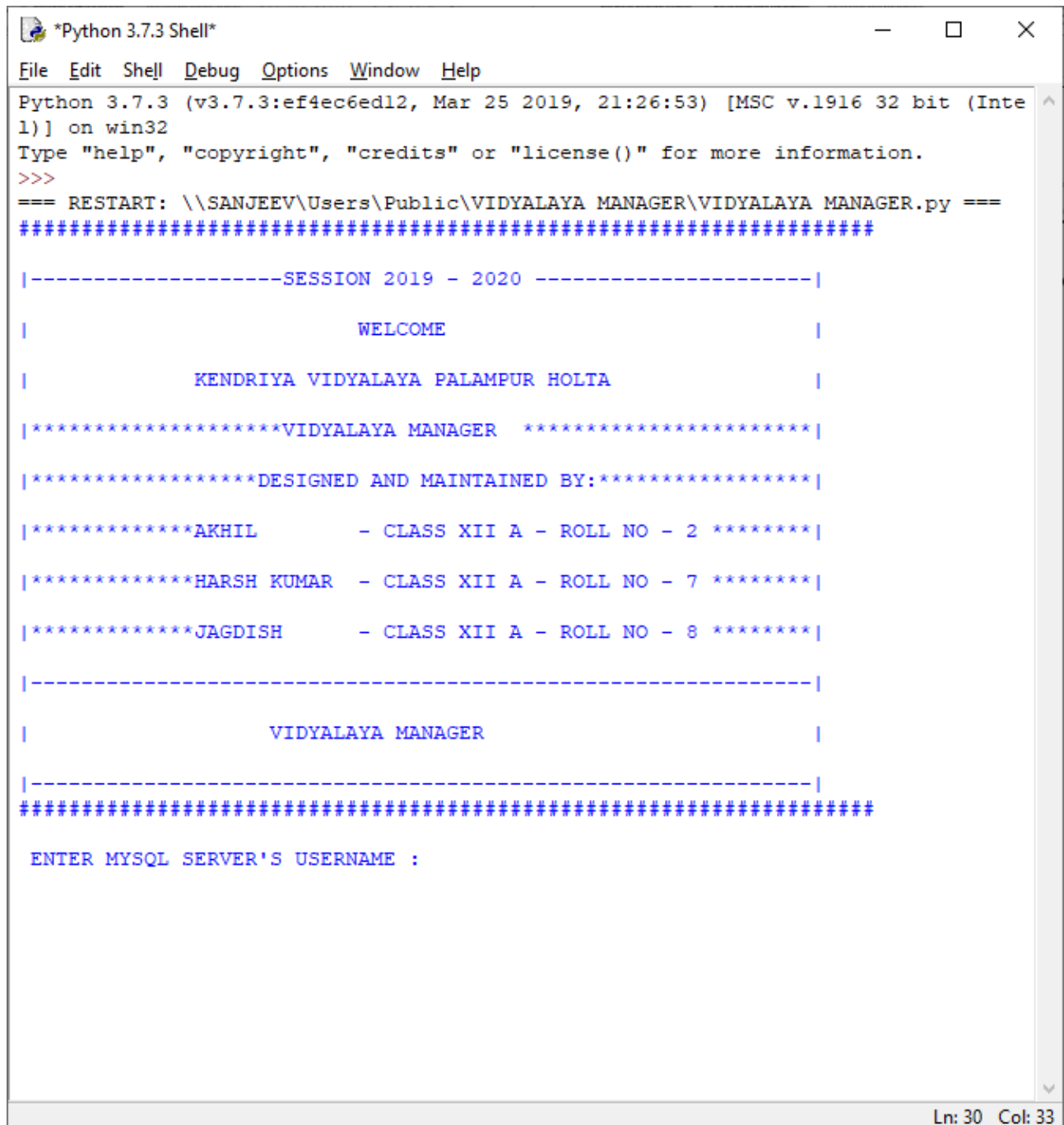
```
        helpMe()
    else:
        print("Sorry ,May Be You Are Giving Me Wrong Input, Please Try Again !!! ")
else:
    print("Check Your MYSQL Connection First !!! ")

# END OF THE PROJECT
```

# Output of the Project

Finally, we conclude our work and present the output of the Project.

## MAIN SCREEN



```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
Python 3.7.3 (v3.7.3:ef4ec6ed12, Mar 25 2019, 21:26:53) [MSC v.1916 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
=== RESTART: \\SANJEEV\Users\Public\VIDYALAYA MANAGER\VIDYALAYA MANAGER.py ===
#####
|-----SESSION 2019 - 2020 -----|
|
|           WELCOME           |
|
|       KENDRIYA VIDYALAYA PALAMPUR HOLTA       |
|
|*****VIDYALAYA MANAGER *****|
|*****DESIGNED AND MAINTAINED BY:*****|
|*****AKHIL           - CLASS XII A - ROLL NO - 2 *****|
|*****HARSH KUMAR     - CLASS XII A - ROLL NO - 7 *****|
|*****JAGDISH         - CLASS XII A - ROLL NO - 8 *****|
|-----|
|
|           VIDYALAYA MANAGER           |
|-----|
#####
ENTER MYSQL SERVER'S USERNAME :
```

Ln: 30 Col: 33

# SIGNING IN

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
|          KENDRIYA VIDYALAYA PALAMPUR HOLTA          |
|*****VIDYALAYA MANAGER *****|
|*****DESIGNED AND MAINTAINED BY:*****|
|*****AKHIL          - CLASS XII A - ROLL NO - 2 *****|
|*****HARSH KUMAR    - CLASS XII A - ROLL NO - 7 *****|
|*****JAGDISH        - CLASS XII A - ROLL NO - 8 *****|
|-----|
|          VIDYALAYA MANAGER          |
|-----|
#####
ENTER MYSQL SERVER'S USERNAME : root
ENTER MYSQL SERVER'S PASSWORD : root

CONGRATULATIONS ! YOUR MYSQL CONNECTION HAS BEEN ESTABLISHED !
|-----|
|          Enter 1 - New Admission.          |
|          Enter 2 - Display Student's Data. |
|          Enter 3 - Update Students's Data . |
|          Enter 4 - Issue Transfer Certificcate . |
|          Enter 5 - Add Student's Marks Detail. |
|          Enter 6 - Generate All Student's Report Card. |
|          Enter 7 - Generate Student Wise Report Card. |
|          Enter 8 - Pay Student's Fee. |
|          Enter 9 - Generate Student Wise Fees Receipt. |
|          Enter 10 - Generate Student's Fee Receipt. |
|          Enter 11- Exit. |
|-----|
|          Enter 0(ZERO) - Help.          |
|-----|
PLEASE ENTER YOUR CHOICE :
```

Ln: 33 Col: 0

# NEW ADMISSION

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
|
|         Enter 4 - Issue Transfer Certifcate .
|         Enter 5 - Add Student's Marks Detail.
|         Enter 6 - Generate All Student's Report Card.
|         Enter 7 - Generate Student Wise Report Card.
|         Enter 8 - Pay Student's Fee.
|         Enter 9 - Generate Student Wise Fees Receipt.
|         Enter 10 - Generate Student's Fee Receipt.
|         Enter 11- Exit.
|-----|
|         Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE : 1

ENTER STUDENT'S NAME : JAGDISH
ENTER FATHER'S NAME : VISHWAMBHAR
ENTER MOTHER'S NAME : UJJAVALA
ENTER CONTACT NO. : 6291568306
ENTER ADDRESS : HOLTA CAMP PALAMPUR
ENTER CLASS : XII
ENTER SECTION : A
ENTER ROLL_NO : 8
ENTER ADMISSION_NO : 12977

New Student Enrolled Successfully !
|-----|
|         Enter 1 - New Admission.
|         Enter 2 - Display Student's Data.
|         Enter 3 - Update Students's Data .
|         Enter 4 - Issue Transfer Certifcate .
|         Enter 5 - Add Student's Marks Detail.
|         Enter 6 - Generate All Student's Report Card.
|         Enter 7 - Generate Student Wise Report Card.
|         Enter 8 - Pay Student's Fee.
|         Enter 9 - Generate Student Wise Fees Receipt.
|         Enter 10 - Generate Student's Fee Receipt.
|         Enter 11- Exit.
|-----|
|         Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE : |
Ln: 63 Col: 0
```

# NEW ADMISSION

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
|
|      Enter 4 - Issue Transfer Certificate .
|      Enter 5 - Add Student's Marks Detail.
|      Enter 6 - Generate All Student's Report Card.
|      Enter 7 - Generate Student Wise Report Card.
|      Enter 8 - Pay Student's Fee.
|      Enter 9 - Generate Student Wise Fees Receipt.
|      Enter 10 - Generate Student's Fee Receipt.
|      Enter 11- Exit.
|-----|
|      Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE : 1

ENTER STUDENT'S NAME : HARSH
ENTER FATHER'S NAME : DEEPAK KUMAR
ENTER MOTHER'S NAME : NISHA
ENTER CONTACT NO. : 8629860135
ENTER ADDRESS : VPO BHAWARNA PALAMPUR
ENTER CLASS : XII
ENTER SECTION : A
ENTER ROLL_NO : 7
ENTER ADMISSION_NO : 12667

New Student Enrolled Successfully !
|-----|
|      Enter 1 - New Admission.
|      Enter 2 - Display Student's Data.
|      Enter 3 - Update Students's Data .
|      Enter 4 - Issue Transfer Certificate .
|      Enter 5 - Add Student's Marks Detail.
|      Enter 6 - Generate All Student's Report Card.
|      Enter 7 - Generate Student Wise Report Card.
|      Enter 8 - Pay Student's Fee.
|      Enter 9 - Generate Student Wise Fees Receipt.
|      Enter 10 - Generate Student's Fee Receipt.
|      Enter 11- Exit.
|-----|
|      Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE :
```

Ln: 61 Col: 0

# NEW ADMISSION

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
|
|      Enter 4 - Issue Transfer Certifcate .
|      Enter 5 - Add Student's Marks Detail.
|      Enter 6 - Generate All Student's Report Card.
|      Enter 7 - Generate Student Wise Report Card.
|      Enter 8 - Pay Student's Fee.
|      Enter 9 - Generate Student Wise Fees Receipt.
|      Enter 10 - Generate Student's Fee Receipt.
|      Enter 11- Exit.
|-----|
|      Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE : 1

ENTER STUDENT'S NAME : AKHIL KUMAR
ENTER FATHER'S NAME : RAVINDER KUMAR
ENTER MOTHER'S NAME : RANJANA DEVI
ENTER CONTACT NO. : 8988059095
ENTER ADDRESS : VPO SALIANA PALAMPUR
ENTER CLASS : XII
ENTER SECTION : A
ENTER ROLL_NO : 2
ENTER ADMISSION_NO : 9708

New Student Enrolled Successfully !
|-----|
|      Enter 1 - New Admission.
|      Enter 2 - Display Student's Data.
|      Enter 3 - Update Students's Data .
|      Enter 4 - Issue Transfer Certifcate .
|      Enter 5 - Add Student's Marks Detail.
|      Enter 6 - Generate All Student's Report Card.
|      Enter 7 - Generate Student Wise Report Card.
|      Enter 8 - Pay Student's Fee.
|      Enter 9 - Generate Student Wise Fees Receipt.
|      Enter 10 - Generate Student's Fee Receipt.
|      Enter 11- Exit.
|-----|
|      Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE :
```

Ln: 119 Col: 0

# DISPLAY STUDENT'S DATA

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
ENTER ADMISSION_NO : 9708

New Student Enrolled Successfully !
|-----|
|         Enter 1 - New Admission.         |
|         Enter 2 - Display Student's Data. |
|         Enter 3 - Update Students's Data . |
|         Enter 4 - Issue Transfer Certificate . |
|         Enter 5 - Add Student's Marks Detail. |
|         Enter 6 - Generate All Student's Report Card. |
|         Enter 7 - Generate Student Wise Report Card. |
|         Enter 8 - Pay Student's Fee.         |
|         Enter 9 - Generate Student Wise Fees Receipt. |
|         Enter 10 - Generate Student's Fee Receipt. |
|         Enter 11- Exit.                     |
|-----|
|         Enter 0(ZERO) - Help.              |
|-----|
PLEASE ENTER YOUR CHOICE : 2
[('HARSH', 'DEEPAK KUMAR', 'NISHA DEVI', '8629860135', 'VPO BHAWARNA PALAMPUR',
'XII', 'A', '7', '12667'), ('JAGDISH', 'VISHWAMBHAR', 'UJJAVALA', '6291568306',
'HOLTA CAMP PALAMPUR', 'XII', 'A', '8', '12977'), ('AKHIL KUMAR', 'RAVINDER KUMA
R', 'RANJANA DEVI', '8988059095', 'VPO SALIANA PALAMPUR', 'XII', 'A', '2', '9708
')]
|-----|
|         Enter 1 - New Admission.         |
|         Enter 2 - Display Student's Data. |
|         Enter 3 - Update Students's Data . |
|         Enter 4 - Issue Transfer Certificate . |
|         Enter 5 - Add Student's Marks Detail. |
|         Enter 6 - Generate All Student's Report Card. |
|         Enter 7 - Generate Student Wise Report Card. |
|         Enter 8 - Pay Student's Fee.         |
|         Enter 9 - Generate Student Wise Fees Receipt. |
|         Enter 10 - Generate Student's Fee Receipt. |
|         Enter 11- Exit.                     |
|-----|
|         Enter 0(ZERO) - Help.              |
|-----|
PLEASE ENTER YOUR CHOICE : |
```

Ln: 153 Col: 29

# UPDATE STUDENTS'S DATA

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
Sorry ,May Be You Are Giving Me Wrong Input, Please Try Again !!!
-----
|           Enter 1 - New Admission.           |
|           Enter 2 - Display Student's Data.  |
|           Enter 3 - Update Students's Data . |
|           Enter 4 - Issue Transfer Certificate . |
|           Enter 5 - Add Student's Marks Detail. |
|           Enter 6 - Generate All Student's Report Card. |
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee.        |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt. |
|           Enter 11- Exit.                    |
|-----|
|           Enter 0(ZERO) - Help.              |
|-----|
PLEASE ENTER YOUR CHOICE : 3
ENTER ADMISSION NO9708
PRESS 1 FOR NAME
PRESS 2 FOR CLASS
PRESS 3 FOR ROLL NO
Enter Your Choicel
ENTER NAME OF THE STUDENT :AKHIL
NAME UPDATED
-----
|           Enter 1 - New Admission.           |
|           Enter 2 - Display Student's Data.  |
|           Enter 3 - Update Students's Data . |
|           Enter 4 - Issue Transfer Certificate . |
|           Enter 5 - Add Student's Marks Detail. |
|           Enter 6 - Generate All Student's Report Card. |
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee.        |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt. |
|           Enter 11- Exit.                    |
|-----|
|           Enter 0(ZERO) - Help.              |
|-----|
PLEASE ENTER YOUR CHOICE : |
Ln: 177 Col: 0
```



# ISSUE TRANSFER CERTIFCATE

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
PRESS 1 FOR NAME
PRESS 2 FOR CLASS
PRESS 3 FOR ROLL NO
Enter Your Choice1
ENTER NAME OF THE STUDENT :AKHIL
NAME UPDATED
|-----|
|           Enter 1 - New Admission.           |
|           Enter 2 - Display Student's Data.   |
|           Enter 3 - Update Students's Data .  |
|           Enter 4 - Issue Transfer Certifcate .|
|           Enter 5 - Add Student's Marks Detail.|
|           Enter 6 - Generate All Student's Report Card. |
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee.         |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt. |
|           Enter 11- Exit.                      |
|-----|
|           Enter 0(ZERO) - Help.                |
|-----|
PLEASE ENTER YOUR CHOICE : 4
ENTER ADMISSION NO OF THE STUDENT :12667
Student's Transfer Certificate Generated !!!
|-----|
|           Enter 1 - New Admission.           |
|           Enter 2 - Display Student's Data.   |
|           Enter 3 - Update Students's Data .  |
|           Enter 4 - Issue Transfer Certifcate .|
|           Enter 5 - Add Student's Marks Detail.|
|           Enter 6 - Generate All Student's Report Card. |
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee.         |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt. |
|           Enter 11- Exit.                      |
|-----|
|           Enter 0(ZERO) - Help.                |
|-----|
PLEASE ENTER YOUR CHOICE : |
Ln: 195 Col: 0
```

# ADD STUDENT'S MARKS DETAIL

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee.                 |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt.   |
|           Enter 11- Exit.                               |
|-----|
|           Enter 0(ZERO) - Help.                         |
|-----|
PLEASE ENTER YOUR CHOICE : 5
ENTER ADMISSION NO OF THE STUDENT :12977

ENTER MARKS OF HINDI : 56

ENTER MARKS OF ENGLISH : 89

ENTER MARKS OF MATH : 90

ENTER MARKS OF SCIENCE : 85

ENTER MARKS OF SOCIAL : 93

ENTER MARKS OF COMPUTER : 99

Marks of the Student Entered Successfully !
|-----|
|           Enter 1 - New Admission.                     |
|           Enter 2 - Display Student's Data.           |
|           Enter 3 - Update Students's Data .          |
|           Enter 4 - Issue Transfer Certificate .      |
|           Enter 5 - Add Student's Marks Detail.       |
|           Enter 6 - Generate All Student's Report Card. |
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee.                 |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt.  |
|           Enter 11- Exit.                               |
|-----|
|           Enter 0(ZERO) - Help.                         |
|-----|
PLEASE ENTER YOUR CHOICE :
```

Ln: 225 Col: 0

# GENERATE ALL STUDENT'S REPORT CARD

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
ENTER MARKS OF SCIENCE : 85
ENTER MARKS OF SOCIAL : 93
ENTER MARKS OF COMPUTER : 99
Marks of the Student Entered Successfully !
-----|
| Enter 1 - New Admission. |
| Enter 2 - Display Student's Data. |
| Enter 3 - Update Students's Data . |
| Enter 4 - Issue Transfer Certifcate . |
| Enter 5 - Add Student's Marks Detail. |
| Enter 6 - Generate All Student's Report Card. |
| Enter 7 - Generate Student Wise Report Card. |
| Enter 8 - Pay Student's Fee. |
| Enter 9 - Generate Student Wise Fees Receipt. |
| Enter 10 - Generate Student's Fee Receipt. |
| Enter 11- Exit. |
|-----|
| Enter 0(ZERO) - Help. |
|-----|
PLEASE ENTER YOUR CHOICE : 6
[('12977', 56, 89, 90, 85, 93, 99, 512, Decimal('85'))]
-----|
| Enter 1 - New Admission. |
| Enter 2 - Display Student's Data. |
| Enter 3 - Update Students's Data . |
| Enter 4 - Issue Transfer Certifcate . |
| Enter 5 - Add Student's Marks Detail. |
| Enter 6 - Generate All Student's Report Card. |
| Enter 7 - Generate Student Wise Report Card. |
| Enter 8 - Pay Student's Fee. |
| Enter 9 - Generate Student Wise Fees Receipt. |
| Enter 10 - Generate Student's Fee Receipt. |
| Enter 11- Exit. |
|-----|
| Enter 0(ZERO) - Help. |
|-----|
PLEASE ENTER YOUR CHOICE :
```

Ln: 252 Col: 0

# GENERATE STUDENT WISE REPORT CARD

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
|           Enter 11- Exit.           |
|-----|
|           Enter 0(ZERO) - Help.     |
|-----|
PLEASE ENTER YOUR CHOICE :    6
[['12977', 56, 89, 90, 85, 93, 99, 512, Decimal('85')]]
|-----|
|           Enter 1 - New Admission.  |
|           Enter 2 - Display Student's Data. |
|           Enter 3 - Update Students's Data . |
|           Enter 4 - Issue Transfer Certifcate . |
|           Enter 5 - Add Student's Marks Detail. |
|           Enter 6 - Generate All Student's Report Card. |
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee. |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt. |
|           Enter 11- Exit.           |
|-----|
|           Enter 0(ZERO) - Help.     |
|-----|
PLEASE ENTER YOUR CHOICE :    7
ENTER ADMISSION NO OF THE STUDENT :12977
[['12977', 56, 89, 90, 85, 93, 99, 512, Decimal('85')]]
|-----|
|           Enter 1 - New Admission.  |
|           Enter 2 - Display Student's Data. |
|           Enter 3 - Update Students's Data . |
|           Enter 4 - Issue Transfer Certifcate . |
|           Enter 5 - Add Student's Marks Detail. |
|           Enter 6 - Generate All Student's Report Card. |
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee. |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt. |
|           Enter 11- Exit.           |
|-----|
|           Enter 0(ZERO) - Help.     |
|-----|
PLEASE ENTER YOUR CHOICE :
```

Ln: 105 Col: 0

# PAY STUDENT'S FEE

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
|
|         Enter 5 - Add Student's Marks Detail.
|         Enter 6 - Generate All Student's Report Card.
|         Enter 7 - Generate Student Wise Report Card.
|         Enter 8 - Pay Student's Fee.
|         Enter 9 - Generate Student Wise Fees Receipt.
|         Enter 10 - Generate Student's Fee Receipt.
|         Enter 11- Exit.
|-----|
|         Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE : 8
ENTER ADMISSION NO OF THE STUDENT :9708

ENTER MONTH IN NUMERIC FORM (1-12) : 1

ENTER TUITION FEES : 500

ENTER VVN : 100

ENTER COMPUTER FEES : 150

ENTER MUSIC FEES : 50

Fees of Student Accepted Successfully !
|-----|
|         Enter 1 - New Admission.
|         Enter 2 - Display Student's Data.
|         Enter 3 - Update Students's Data .
|         Enter 4 - Issue Transfer Certifcate .
|         Enter 5 - Add Student's Marks Detail.
|         Enter 6 - Generate All Student's Report Card.
|         Enter 7 - Generate Student Wise Report Card.
|         Enter 8 - Pay Student's Fee.
|         Enter 9 - Generate Student Wise Fees Receipt.
|         Enter 10 - Generate Student's Fee Receipt.
|         Enter 11- Exit.
|-----|
|         Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE :

Ln: 358 Col: 0
```

# GENERATE STUDENT WISE FEES RECEIPT

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
ENTER VVN : 100
ENTER COMPUTER FEES : 150
ENTER MUSIC FEES : 50
Fees of Student Accepted Successfully !
|-----|
|         Enter 1 - New Admission.         |
|         Enter 2 - Display Student's Data. |
|         Enter 3 - Update Students's Data . |
|         Enter 4 - Issue Transfer Certifcate . |
|         Enter 5 - Add Student's Marks Detail. |
|         Enter 6 - Generate All Student's Report Card. |
|         Enter 7 - Generate Student Wise Report Card. |
|         Enter 8 - Pay Student's Fee.         |
|         Enter 9 - Generate Student Wise Fees Receipt. |
|         Enter 10 - Generate Student's Fee Receipt. |
|         Enter 11- Exit.                   |
|-----|
|         Enter 0(ZERO) - Help.             |
|-----|
PLEASE ENTER YOUR CHOICE : 9
[('9708', 1, 500, 100, 150, 50, 800)]
|-----|
|         Enter 1 - New Admission.         |
|         Enter 2 - Display Student's Data. |
|         Enter 3 - Update Students's Data . |
|         Enter 4 - Issue Transfer Certifcate . |
|         Enter 5 - Add Student's Marks Detail. |
|         Enter 6 - Generate All Student's Report Card. |
|         Enter 7 - Generate Student Wise Report Card. |
|         Enter 8 - Pay Student's Fee.         |
|         Enter 9 - Generate Student Wise Fees Receipt. |
|         Enter 10 - Generate Student's Fee Receipt. |
|         Enter 11- Exit.                   |
|-----|
|         Enter 0(ZERO) - Help.             |
|-----|
PLEASE ENTER YOUR CHOICE : |
Ln: 389 Col: 63
```

# GENERATE STUDENT'S FEE RECEIPT

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
|           Enter 11- Exit.           |
|-----|
|           Enter 0(ZERO) - Help.     |
|-----|
PLEASE ENTER YOUR CHOICE : 10
ENTER ADMISSION NO OF THE STUDENT :9708
[('9708', 1, 500, 100, 150, 50, 800)]
|-----|
|           Enter 1 - New Admission.  |
|           Enter 2 - Display Student's Data. |
|           Enter 3 - Update Students's Data . |
|           Enter 4 - Issue Transfer Certifcate . |
|           Enter 5 - Add Student's Marks Detail. |
|           Enter 6 - Generate All Student's Report Card. |
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee. |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt. |
|           Enter 11- Exit.           |
|-----|
|           Enter 0(ZERO) - Help.     |
|-----|
PLEASE ENTER YOUR CHOICE : 0
Please, Visit The Official Website Of Vidyalaya To Download The Manual !!!
|-----|
|           Enter 1 - New Admission.  |
|           Enter 2 - Display Student's Data. |
|           Enter 3 - Update Students's Data . |
|           Enter 4 - Issue Transfer Certifcate . |
|           Enter 5 - Add Student's Marks Detail. |
|           Enter 6 - Generate All Student's Report Card. |
|           Enter 7 - Generate Student Wise Report Card. |
|           Enter 8 - Pay Student's Fee. |
|           Enter 9 - Generate Student Wise Fees Receipt. |
|           Enter 10 - Generate Student's Fee Receipt. |
|           Enter 11- Exit.           |
|-----|
|           Enter 0(ZERO) - Help.     |
|-----|
PLEASE ENTER YOUR CHOICE :
```

Ln: 427 Col: 0

# FEE RECEIPT

```
*Python 3.7.3 Shell*
File Edit Shell Debug Options Window Help
|
|         Enter 11- Exit.
|-----|
|         Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE : 9
[('9708', 1, 500, 100, 150, 50, 800)]
|-----|
|         Enter 1 - New Admission.
|         Enter 2 - Display Student's Data.
|         Enter 3 - Update Students's Data .
|         Enter 4 - Issue Transfer Certifcate .
|         Enter 5 - Add Student's Marks Detail.
|         Enter 6 - Generate All Student's Report Card.
|         Enter 7 - Generate Student Wise Report Card.
|         Enter 8 - Pay Student's Fee.
|         Enter 9 - Generate Student Wise Fees Receipt.
|         Enter 10 - Generate Student's Fee Receipt.
|         Enter 11- Exit.
|-----|
|         Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE : 10
ENTER ADMISSION NO OF THE STUDENT :9708
[('9708', 1, 500, 100, 150, 50, 800)]
|-----|
|         Enter 1 - New Admission.
|         Enter 2 - Display Student's Data.
|         Enter 3 - Update Students's Data .
|         Enter 4 - Issue Transfer Certifcate .
|         Enter 5 - Add Student's Marks Detail.
|         Enter 6 - Generate All Student's Report Card.
|         Enter 7 - Generate Student Wise Report Card.
|         Enter 8 - Pay Student's Fee.
|         Enter 9 - Generate Student Wise Fees Receipt.
|         Enter 10 - Generate Student's Fee Receipt.
|         Enter 11- Exit.
|-----|
|         Enter 0(ZERO) - Help.
|-----|
PLEASE ENTER YOUR CHOICE : |
Ln: 409 Col: 0
```





# MYSQL DATABASE AND TABLES USED IN THIS PROJECT

## DATABASE

```
MySQL 8.0 Command Line Client
Enter password: ****
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 19
Server version: 8.0.12 MySQL Community Server - GPL

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> USE SMS
Database changed
mysql> SHOW TABLES;
+-----+
| Tables_in_sms |
+-----+
| fees          |
| marks         |
| student       |
+-----+
3 rows in set (0.00 sec)

mysql>
```

## TABLE STRUCTURE

```
MySQL 8.0 Command Line Client
+-----+
| fees          |
| marks         |
| student       |
+-----+
3 rows in set (0.00 sec)

mysql> DESC FEES;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| SADMSSION_NO  | varchar(10)   | NO   | PRI | NULL    |       |
| MONTH         | int(11)       | YES  |     | NULL    |       |
| TUITION_FEES  | int(11)       | YES  |     | NULL    |       |
| VVN           | int(11)       | YES  |     | NULL    |       |
| COMPUTER_FEES | int(11)       | YES  |     | NULL    |       |
| MUSIC_FEES    | int(11)       | YES  |     | NULL    |       |
| TOTAL         | int(11)       | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.01 sec)

mysql> DESC MARKS;
+-----+-----+-----+-----+-----+-----+
| Field          | Type          | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| SADMSSION_NO  | varchar(10)   | NO   | PRI | NULL    |       |
| HINDI         | int(11)       | YES  |     | NULL    |       |
| ENGLISH       | int(11)       | YES  |     | NULL    |       |
| MATH          | int(11)       | YES  |     | NULL    |       |
| SCIENCE       | int(11)       | YES  |     | NULL    |       |
| SOCIAL        | int(11)       | YES  |     | NULL    |       |
| COMPUTER      | int(11)       | YES  |     | NULL    |       |
| TOTAL         | int(11)       | YES  |     | NULL    |       |
| AVERAGE      | decimal(10,0) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
9 rows in set (0.00 sec)

mysql>
```

# TABLE STRUCTURE

```
MySQL 8.0 Command Line Client
+-----+-----+-----+-----+-----+
| SADMISION_NO | varchar(10) | NO | PRI | NULL |
+-----+-----+-----+-----+
9 rows in set (0.00 sec)

mysql> DESC STUDENT;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| SNAME | varchar(30) | YES | | NULL |
| FNAME | varchar(30) | YES | | NULL |
| MNAME | varchar(30) | YES | | NULL |
| PHONE | varchar(12) | YES | | NULL |
| ADDRESS | varchar(30) | YES | | NULL |
| SCLASS | varchar(5) | YES | | NULL |
| SSECTION | varchar(5) | YES | | NULL |
| SROLL_NO | varchar(5) | YES | | NULL |
| SADMISION_NO | varchar(10) | NO | PRI | NULL |
+-----+-----+-----+-----+
9 rows in set (0.00 sec)

mysql> DESC STUDENT;
+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+
| SNAME | varchar(30) | YES | | NULL |
| FNAME | varchar(30) | YES | | NULL |
| MNAME | varchar(30) | YES | | NULL |
| PHONE | varchar(12) | YES | | NULL |
| ADDRESS | varchar(30) | YES | | NULL |
| SCLASS | varchar(5) | YES | | NULL |
| SSECTION | varchar(5) | YES | | NULL |
| SROLL_NO | varchar(5) | YES | | NULL |
| SADMISION_NO | varchar(10) | NO | PRI | NULL |
+-----+-----+-----+-----+
9 rows in set (0.00 sec)

mysql> _
```

# BACKEND DATA GENERATED THROUGH SOFTWARE

```
MySQL 8.0 Command Line Client
+-----+-----+-----+-----+-----+
| FNAME | varchar(30) | YES | | NULL |
| MNAME | varchar(30) | YES | | NULL |
| PHONE | varchar(12) | YES | | NULL |
| ADDRESS | varchar(30) | YES | | NULL |
| SCLASS | varchar(5) | YES | | NULL |
| SSECTION | varchar(5) | YES | | NULL |
| SROLL_NO | varchar(5) | YES | | NULL |
| SADMISION_NO | varchar(10) | NO | PRI | NULL |
+-----+-----+-----+-----+
9 rows in set (0.00 sec)

mysql> SELECT * FROM FEES;
+-----+-----+-----+-----+-----+-----+
| SADMISION_NO | MONTH | TUTION_FEES | VVN | COMPUTER_FEES | MUSIC_FEES | TOTAL |
+-----+-----+-----+-----+-----+-----+
| 9708 | 1 | 500 | 100 | 150 | 50 | 800 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> SELECT * FROM MARKS;
+-----+-----+-----+-----+-----+-----+-----+
| SADMISION_NO | HINDI | ENGLISH | MATH | SCIENCE | SOCIAL | COMPUTER | TOTAL | AVERAGE |
+-----+-----+-----+-----+-----+-----+-----+
| 12977 | 56 | 89 | 90 | 85 | 93 | 99 | 512 | 85 |
+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> SELECT * FROM STUDENT;
+-----+-----+-----+-----+-----+-----+-----+
| SNAME | FNAME | MNAME | PHONE | ADDRESS | SCLASS | SSECTION | SROLL_NO | SADMISION_NO |
+-----+-----+-----+-----+-----+-----+-----+
| JAGDISH | VISHWAMBHAR | UJJAVALA | 6291568306 | HOLTA CAMP PALAMPUR | XII | A | 8 | 12977 |
| AKHIL | RAVINDER KUMAR | RANJANA DEVI | 8988059095 | VPO SALIANA PALAMPUR | XII | A | 2 | 9708 |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

mysql> _
```

## **References**

1. [python.org](https://python.org)
2. Code Academy
3. [tutorialsPoint.com](https://tutorialsPoint.com)
4. [PythonChallenge.com](https://PythonChallenge.com)
5. Google's Python Class
6. [LearnPython.org](https://LearnPython.org)
7. [layak.in](https://layak.in)

END  
OF  
PROJECT