

## 1. Write a PHP script to Display Welcome Message.

```
<?php  
  
echo "Welcome to PHP Programming !!!!".<br>;  
  
echo "This", " string", " was", " made", " with multiple parameters.";  
  
echo ("Welcome to PHP Programming !!!!".<br>);  
  
print("Welcome to PHP".<br>);  
  
print "Hello World";  
  
?>
```

### **OUTPUT:**

Welcome to PHP Programming !!!  
This string was made with multiple parameters.Welcome to PHP Programming !!!  
Welcome to PHP  
Hello World

	<b>Echo (PHP)</b>	<b>Print (PHP)</b>
Parameters	echo can take more than one parameter when used without parentheses. The syntax is echo expression [, expression[, expression] ... ]. Note that echo (\$arg1,\$arg2) is invalid.	print only takes one parameter.
Return value	echo does not return any value	print always returns 1 (integer)
Syntax	void echo ( string \$arg1 [, string \$... ] )	int print ( string \$arg )
What is it?	In PHP, echo is not a function but a language construct.	In PHP, print is not a really function but a language construct. However, it behaves like a function in that it returns a value.

## 2. Write a PHP script for Addition of two numbers.

```
<?php  
    $a = 10;  
    $b=20;  
    $sum = $a + $b;  
    echo "Addition of $a and $b is = $sum";  
?>
```

### OUTPUT:

Addition of 10 and 20 is = 30

## 3. Write a PHP script for Swapping of Three numbers.

```
<?php  
  
    $a = 10;  
    $b = 20;  
    $c = 30;  
    echo "a = $a". "<br>". "b = $b". "<br>". "c = $c". "<br>";  
  
    $temp = $a;  
    $a = $b;  
    $b = $c;  
    $c = $temp;  
    echo "<b>After Swapping". "<br>". " a = $a". "<br>". "b = $b". "<br>". "c = $c". "<br><b>";  
?>
```

### OUTPUT:

a = 10  
b = 20  
c = 30

**After Swapping**

**a = 20**  
**b = 30**  
**c = 10**

#### 4.1 Write a PHP script to demonstrate the use of Arithmetic Operator.

```
<?php
```

```
$a = 10;  
$b = 5;  
$c = 3;  
$d = 8;  
echo "a = $a b = $b c=$c d=$d".<br>;  
//addition example  
$add=$a + $b;  
echo "Addition = $add"; //prints 15  
echo "<br>";  
  
//subtraction example  
$sub = $a - $b;  
echo "Subtraction = $sub"; //prints 5  
echo "<br>";  
  
//multiplication example  
$mul = $a * $b;  
echo "multiplication = $mul"; //prints 50  
echo "<br>";  
  
//division example  
$div = $a / $b;  
echo '$a/$b = '.$div; // prints 2  
echo "<br>";  
echo '$a/$c = '.$a/$c; //prints 3.333333333333  
echo "<br>";  
echo '$d/$c = '.$d/$c; //prints 2.666666666667  
echo "<br>";  
  
//modulus example  
$mod= $a % $b;  
echo $mod;  
echo "<br>"; //prints 0  
  
//Negation example
```

```
$neg = -$a;  
echo $neg; //prints -10;  
echo "<br>";  
  
//Concatenation example  
$str1="Pankaj";  
$str2="Kumar";  
  
echo $str1 . " " . $str2; //prints "Pankaj Kumar"  
echo "<br>";  
  
echo $a . $b; //prints 105  
echo "<br>";  
  
echo $c . $d; //prints 38  
  
echo "<br>";  
  
echo "$a"+"$b"; //prints 15  
?>
```

### **OUTPUT:**

a = 10 b = 5 c=3 d=8

Addition = 15

Subtraction = 5

multiplication = 50

\$a/\$b = 2

\$a/\$c = 3.3333333333333

\$d/\$c = 2.6666666666667

0

-10

Pankaj Kumar

105

38

15

## PHP Comparison Operators

Operator	Name	Description
a==b	Equal	True if a is equal to b
a===b	Identical	True if a is equal to b and of same type, 5==="5" is false
a!=b	Not equal	True if a and b are not equal
a<>b	Not equal	True if a and b are not equal
a!=b	Not identical	True if a and b are not equal and they are not of same type, for example 5!="5" returns true
a<b	Less than	True if a is less than b
a>b	Greater than	True if a is greater than b
a<=b	Less than or equal to	True if a is less than or equal to b
a>=b	Greater than or equal to	True if a is greater than or equal to b

## PHP Logical Operators

Operator	Name	Description
a and b	And	True if both a and b are true
a or b	Or	True if either a or b is true
a xor b	Xor	True if either a or b is true, but not both
!a	Not	True if a is not true
a && b	And	Same as and operator
a    b	Or	Same as or operator

## 4.2 Write a PHP script to demonstrate the use of Comparison & Logical Operator.

```
<?php  
    $a=10;  
    $b="10";  
    $c=10;  
    $d=5;  
  
    //Equal example  
    var_dump($a==$b); //prints bool(true)  
    echo "<br>";  
    var_dump($a==$c); //prints bool(true)  
    echo "<br>";  
  
    //Identical example  
    var_dump($a===$b); //prints bool(false)  
    echo "<br>";  
    var_dump($a===$c); //prints bool(true)  
    echo "<br>";  
  
    //Not equal example  
    var_dump($a!=$b); //prints bool(false)  
    echo "<br>";  
    var_dump($a<>$b); //prints bool(false)  
    echo "<br>";  
  
    //Not identical example  
    var_dump($a!===$b); //prints bool(true)  
    echo "<br>";  
    var_dump($a!===$c); //prints bool(false)  
    echo "<br>";  
  
    echo "<b> Logical Operator </b><br/>";  
  
    if($a>$b && $a>$d)  
    {  
        echo "True";}  
    else  
    {  
        echo "False";}  
  
    echo "<br />";  
  
    if($a>$b || $a>$d)  
    {  
        echo "True";}  
    else  
    {  
        echo "False";}  
?>
```

### OUTPUT:

boolean true
boolean true
boolean false
boolean true
boolean false
boolean false
boolean true
boolean false
<b>Logical Operator</b>
False
True

## 5. Write a PHP script to Check the given number is ODD or EVEN.

```
<?php
    $a = 10;
    if ($a % 2==0)
    {
        echo "Given number is " . "<br>" . "<b>EVEN</b>" ;
    }
    else
    {
        echo "Given number is" . "<br>" . "<b>ODD</b>";
    }
?>
```

### OUTPUT:

Given number is

**EVEN**

## 6. Write a PHP script to find maximum number out of three given numbers.

```
<?php
    $a = 10;
    $b = 20;
    $c = 30;

    echo "a = $a b = $b c = $c". "<br>";

    if ($a>$b)
    {
        if($a>$c)
            {echo "a is the greatest";}
        else
            {echo "c is the greatest";}
    }
    else
    {
        if ($b>$c)
            {echo "b is the greatest";}
        else
            {echo "c is the greatest";}
    }
?>
```

### OUTPUT:

a = 10 b = 20 c = 30

c is the greatest

## 7. Write a PHP script to Check the given number is Palindrome or Not.

```
<?php

$number = 121 ;
$temp = $number; //store it in a temp variable
$sum = 0;

//loop till the quotient is 0
while( $number > 0 )
{
    $rem = $number % 10; //find remainder
    $sum = $sum*10 + $rem ;
    //echo $sum ."  
";
    $number = floor($number / 10); //find quotient. if 0 then loop again
}

//if the entered number and the $sum value matches then it is an Palindrome number
if( $temp == $sum )
{
    echo "Palindrome Number";
}
else
{
    echo "Not Palindrome Number";
}
?>
```

### OUTPUT:

Palindrome Number

## 8. Write a PHP script to Check the given number is Armstrong or Not.

```
<?php

$number = 153 ;
$temp = $number; //store it in a temp variable
$sum = 0;

//loop till the quotient is 0
while( $number != 0 )
{
    $rem = $number % 10; //find remainder
    $sum = $sum + ( $rem * $rem * $rem ); //cube the reminder and add it to the sum variable till the loop ends
    //echo $sum ."  
";
    $number = FLOOR($number / 10); //find quotient. if 0 then loop again
}
```

```

//if the entered number and the $sum value matches then it is an armstrong number
if( $temp == $sum )
{
echo "Armstrong Number";
}
else
{
echo "Not an Armstrong Number";
}
?>

```

**OUTPUT:**

Armstrong Number

**9. Write a PHP script to print Fibonacci series.**

```

<?php
    $count = 0 ;
    $f1 = 0;
    $f2 = 1;
    echo $f1." ".$f2." ";

    while ($count < 10 )
    {
        $f3 = $f2 + $f1 ;
        echo $f3." ";
        $f1 = $f2 ;
        $f2 = $f3 ;
        $count = $count + 1;
    }
?>

```

**OUTPUT:**

0 1 1 2 3 5 8 13 21 34 55 89

## 10. Write a PHP script to check the given number is prime or not.

```
<?php  
$num =29;  
$flag = false;  
  
for( $i = 2; $i < $num; $i++ )  
{  
    if( $num % $i == 0 )  
    {  
        $flag = true;  
        break;  
    }  
}  
  
if($flag == true)  
{  
    echo "NOT Prime No";  
}  
else  
{  
    echo "Prime No";  
}  
?>
```

### OUTPUT:

Prime No

## 11. Write PHP Script to calculate total marks of student and display grade

```
<?php  
    $subject1 = 75;  
    $subject2 = 50;  
    $subject3 = 50;  
    $subject4 = 50;  
    $subject5 = 93;  
  
    echo "Subject-1 : $subject1 <br> Subject-2 : $subject2 <br> Subject-3 : $subject3 <br>  
        Subject-4 : $subject4 <br> Subject-5 : $subject5 <br>";  
  
    $Total = $subject1 + $subject2 + $subject3 + $subject4 + $subject5;  
    echo "Total Marks = <b> $Total </b><br />";  
    $Percentage = ($Total * 100) / 500;  
    echo "Percentage = <b> $Percentage </b><br />";  
  
    if($Percentage > 75)  
    {      echo "Grage = Distinction";}  
    elseif($Percentage > 60)  
    {      echo "Grage = First Class";}  
    elseif($Percentage > 50)  
    {      echo "Grage = Second Class";}  
    elseif($Percentage > 40)  
    {      echo "Grage = Third Class";}  
    else  
    {      echo "Fail";}  
  
?>
```

### OUTPUT:

Subject-1 : 75  
Subject-2 : 50  
Subject-3 : 50  
Subject-4 : 50  
Subject-5 : 93  
**Total Marks = 318**  
**Percentage = 63.6**  
**Grage = First Class**

## 12.1 Write a PHP script to get type of variable using gettype()

```
<?php  
    $No = 5;  
    $Value = 13.5;  
    $Name = "Bipin Prajapati";  
    $VAR = true;  
    $MyArray = array(110, 45, "HELLO", 1.5, true);  
    echo $No . "<br/>" . $Value . "<br/>" . $Name . "<br/>" . $VAR . "<br/>";  
    echo "<b> gettype(var) </b>". "<br/>";  
    echo gettype($No) . "<br/>";  
    echo gettype($Value). "<br/>";  
    echo gettype($Name). "<br/>";  
    echo gettype($VAR). "<br/>";  
    echo gettype($MyArray). "<br/>";  
?>
```

### OUTPUT:

```
5  
13.5  
Bipin Prajapati  
1  
gettype(var)  
integer  
double  
string  
boolean  
array
```

## 12.2 Write a PHP script to get type of variable using gettype()

```
<?php  
    $Data = array(1,1.5, NULL, "HELLO", new stdclass , true);  
    foreach($Data as $value)  
    {  
        echo gettype($value)."<br/>" ;  
    }  
?>
```

### OUTPUT:

```
integer  
double  
NULL  
string  
object  
boolean
```

### 12.3 Write a PHP script to set type of variable using settype().

```
<?php  
    $Var1= "28Bipin"; // string  
    $Var3= "Bipin28"; // string  
    $Var4= "Bipin"; // string  
    $Var5 = 25;  
    $Var6 = 254.50;  
  
    settype($Var1, "integer"); // $Var1 is now 28 (integer)  
    settype($Var3, "integer"); // $Var1 is now 0 (integer)  
    settype($Var4, "integer"); // $Var1 is now 0 (integer)  
    settype($Var5, "float");  
    settype($Var6, "double");  
  
    $Var2=true; // boolean  
    settype($Var2, "string"); // $Var2 is now "1" (string)  
  
    echo $Var1."<br/>";  
    echo $Var3."<br/>" ;  
    echo $Var4."<br/>" ;  
  
    echo $Var2."<br/>" ;  
  
    echo gettype($Var1)."<br/>";  
    echo gettype($Var3)."<br/>";  
    echo gettype($Var4)."<br/>";  
  
    echo gettype($Var5)."<br/>";  
    echo gettype($Var6)."<br/>";  
  
    echo gettype($Var2);  
?>
```

**OUTPUT:**

```
28  
0  
0  
1  
integer  
integer  
integer  
double  
double  
string
```

### **13.1 Write PHP script to demonstrate use of string function- chr() and ord().**

```
<html>
<body>
    <h2> chr() </h2>
    <?php
        echo chr(77) . "<br>"; // M
        echo chr(102) . "<br>"; // f
        echo chr(99) . "<br>"; // c
        echo chr(46) . "<br>"; // .

        echo chr(52) . "<br>"; // Decimal value // 4
        echo chr(052) . "<br>"; // Octal value // *
        echo chr(0x52) . "<br>"; // Hex value // R
    ?>
    <h2> ord() </h2>
    <?php
        echo ord("h") . "<br>"; // 104
        echo ord("H") . "<br>"; // 72
        echo ord("Hello") . "<br>"; // 72
        echo ord("99") . "<br>"; // 57
        echo ord("Bipin") . "<br>"; // 66
    ?>
</body>
</html>
```

#### **OUTPUT:**

##### **chr()**

M  
f  
c  
.   
4  
\*  
R

##### **ord()**

104  
72  
72  
57  
66

## **13.2 Write PHP script to demonstrate use of string function- strtolower () & strtoupper () & strlen().**

```
<h2>string strtolower(string $str) </h2>
<?php
    echo strtolower("hello") . "<br>";
    echo strtolower("HEllo") . "<br>";
    echo strtolower("HeLLO") . "<br>";

    $var = "nbp piludara";
    echo strtolower($var) . "<br>";

?>
<h2>string strtoupper(string $str)</h2>
<?php
    echo strtoupper("h") . "<br>";
    echo strtoupper("H") . "<br>";
    echo strtoupper("Hello") . "<br>";
    echo strtoupper("Mr. Bipin Prajapati") . "<br>";
    echo strtoupper("Bipin") . "<br>"; //

?>
<h2>int strlen(string $str)</h2>
<?php
    $var = "nbp piludara";
    echo strlen($var) . "<br>";
    echo strlen("Hello") . "<br>";
    echo strlen("Mr. Bipin Prajapati") . "<br>";
    echo strlen("Bipin") . "<br>"; //

?>
```

### **OUTPUT:**

**string strtolower(string \$str)**

hello

hello

hello

nbp piludara

**string strtoupper(string \$str)**

H

H

HELLO

MR. BIPIN PRAJAPATI

BIPIN

**int strlen(string \$str)**

12

5

19

5

**13.3 Write PHP script to demonstrate use of string function-**

**Itrim() & rtrim() & trim().**

```
<html>
<head>
<title>
    trim() Function!
</title>
</head>
<body>
<pre><h2> string trim(string $str [,string $charlist]) </h2></pre>
<?php
    echo strlen(" Hello World  ")."<br>"; // 15
    echo strlen(ltrim(" Hello World  "))."<br>"; //14

    echo ltrim(" NBP!  ")."<br>";
    echo ltrim("Hello  World..... ! ","H")."<br>";
        echo "<br>";
    echo strlen("  Hello World  ")."<br>";
    echo strlen(rtrim("  Hello World  "))."<br>";
        echo "<br>";
    echo strlen("  Hello World  ")."<br>";
    echo strlen(trim("  Hello World  "))."<br>";

    ?>
</body>
</html>
```

## **OUTPUT:**

```
string trim(string $str [,string $charlist])
```

15

14

NBP!

ello World. . . . !

17

14

17

11

### **13.4.1 Write PHP script to demonstrate use of string function- substr()**

```
<html>
<head>
<title>
    String Function - substr()
</title>
</head>
<body>
```

```
<pre><h1> string substr(string $string , int start [,int $length]) <h1></pre>
```

<h1>abcdef</h1>

<b> If Start is Non Negative(POSITIVE), the returned string will start at the strat'th position in string, start form 0. </b><br/> <br/>

```
<?php
```

```
echo "Substring with Positive Start: " . substr("abcdef",2) . "<br/>";
?> <br/>
```

<b> If Start is Negative, the returned string will start at the strat'th character from the end of string</b> <br/> <br/>

```
<?php
```

```
echo "Substring with negative Start: " . substr("abcdef",-2) . "<br/>";
?><br/>
```

```

<b> If string is less than or equal to start characters long, FALSE will be returned </b>
<br/><br/>
<?php
    echo " Start is >= string : " . substr("abcdef",7) . "<br/>";
?
<br/>
</body>
</html>

```

**OUTPUT:**

**13.4.2 Write PHP script to demonstrate use of string function- substr().**

```

<html>
<head>
<title>
    String Function
</title>
</head>

<body>
    <h1>adcdef</h1> <h3> if LENGTH is GIVEN </h3>

    <b> If LENGTH is Non Negative(POSITIVE), the returned string will start at the start'th
    position in string,  and count the length beginning from start </b> <br/> <br/>

    <?php
        echo "Substring :" . substr("abcdef",2,2) . "<br/>";
    ?> <br/>

    <?php
        echo "Substring :" . substr("NBPATELPILUDARA",2,4) . "<br/>";
    ?> <br/>

    <?php
        echo "Substring :" . substr("abcdef",-3,2) . "<br/>";
    ?> <br/>

    <?php
        echo "Substring :" . substr("NBPATELPILUDARA",-5,2) . "<br/>";
    ?> <br/>

```

**<b> If LENGTH is Negative, the returned string will start at the str'th position in string, and REmove(ommited) character from end of string </b> <br/> <br/>**

```
<?php
    echo "Substring :" . substr("abcdef",2,-2) . "<br/>";
?> <br/>

<?php
    echo "Substring :" . substr("NBPATELPIUDARA",2,-4) . "<br/>";
?> <br/>

<?php
    echo "Substring :" . substr("abcdef",-2,-2) . "<br/>";
?> <br/>

<?php
    echo "Substring :" . substr("NBPATELPIUDARA",-2,-4) . "<br/>";
?> <br/>

<?php
    echo "Substring :" . substr("NBPATELPIUDARA",-4,-2) . "<br/>";
?> <br/>

<?php
    echo "Substring :" . substr("NBPATELPIUDARA",-5,-4) . "<br/>";
?> <br/>

</body>
```

```
</html>
```

**OUTPUT:**

**13.5.1 Write PHP script to demonstrate use of string function- strcmp () .**

```
<html>
<head>
<title>
    String Function - strcmp
</title>
</head>
<body>
    <h1> int strcmp(string $str1 , string $str1 )</h1>
    <h2> 1. if str1 < str2 &nbsp => return < 0 </h2>
    <h2> 2. if str1 > str2 &nbsp => return > 0 </h2>
    <h2> 3. if str1 = str2 &nbsp => return = 0 </h2> <br/>
```

```

<?php
    $str1 = 'a' ;
    $str2 = 'b';
        $String1 = 'b';
        $string2 = 'a';
    $str3 = 'Bipin' ;
    $str4 = 'bipin';
        $str5 = 'bipin' ;
        $str6 = 'Bipin';
    $str7 = 'Bipin' ;
    $str8 = 'Bipin';

    echo strcmp($str1,$str2) . "<br/>";
    echo strcmp($String1,$string2) . "<br/>";
    echo strcmp($str3,$str4) . "<br/>";
    echo strcmp($str5,$str6) . "<br/>";
    echo strcmp($str7,$str8) . "<br/>";

?
</body>
</html>

```

#### **OUTPUT:**

#### **13.5.2 Write PHP script to demonstrate use of string function- strcasecmp ().**

```

<html>
<head>
<title>
    String Function - strcasecmp
</title>
<Head>
<body>    <h1> int strcasecmp(string $str1 , string $str1 )</h1>
            <h2> 1. if str1 < str2 &nbsp => return < 0 </h2>
            <h2> 2. if str1 > str2 &nbsp => return > 0 </h2>
            <h2> 3. if str1 = str2 &nbsp => return = 0 </h2> <br/>

```

```
<?php  
    $str1 = 'a' ;  
    $str2 = 'b';  
    $string1 = 'b';  
    $string2 = 'a';  
    $str3 = 'Bipin' ;  
    $str4 = 'bipin';  
    $str5 = 'bipin' ;  
    $str6 = 'Bipin';  
    $str7 = 'Bipin' ;  
    $str8 = 'Bipin';
```

```
        echo strcasecmp($str1,$str2) . "<br/>";  
        echo strcasecmp($string1,$string2) . "<br/>";  
        echo strcasecmp($str3,$str4) . "<br/>";  
        echo strcasecmp($str5,$str6) . "<br/>";  
        echo strcasecmp($str7,$str8) . "<br/>";
```

```
?>
```

```
</body>  
</html>
```

## OUTPUT:

### **13.6 Write PHP script to demonstrate use of string function- strpos().**

```
<html>  
<head>  
<title>  
    String Function - strpos  
</title>  
<Head>  
<body>
```

```
    <h1> int strpos(string $str1 , Mixed $Searchstring [,int offset = 0] )</h1>
```

```

<?php
    echo strpos("Hello How are u","u") . "<br/>";
    echo strpos("Hello How are u","y") . "<br/>";
    echo strpos("Hello How are u a man", "65") . "<br/>";
    echo strpos("Hello How are u a man", "How ") . "<br/>";
    echo strpos("Hello How are u","e",2) . "<br/>";
    echo strpos("Hello How are u","H",2) . "<br/>";

?

```

</body>  
</html>

### **OUTPUT:**

#### **13.7 Write PHP script to demonstrate use of string function- - str\_replace ().**

```

<html>
<head>
<title>
    String Function - str_replace()
</title>
<Head>

<body>
<pre>
<h1> str_replace(find , replace , string , count)</h1>
</pre>
<?php
    echo str_replace("Hello","Hi","Hello How are u") . "<br/>";
    $myarray = array("blue","black","green","yellow","white");
    echo "<pre>";
    print_r(str_replace("black","red",$myarray,$i));
    echo "<pre>";
    echo "$i";
?

```

```
</body>
</html>
```

**OUTPUT:**

**13.8 Write PHP script to demonstrate use of string function- strrev ().**

```
<html>
<head>
<title>
    String Function - strrev()
</title>
<Head>
<body>
<pre>
<h1> string strrev(string $string)</h1>
</pre>
<?php
    echo strrev("HEllo PHP")."<br>";
    echo strrev("Programming")."<br>";
    $var1 = "Naman" ;
    $var2 = strrev($var1);

    if(strcasecmp($var1, $var2)==0)
    {
        echo "Its Palindrome string";
    }
    else
    {
        echo "Its NOT Palindrome string";
    }
?>

</body>

</html>
```

**OUTPUT:**

**14.1 Write PHP script to demonstrate use of Math functions. abs() & round().**

**OUTPUT:**

**14.2 Write PHP script to demonstrate use of Math functions. ceil() & floor().**

**OUTPUT:**

**14.3 Write PHP script to demonstrate use of Math functions. min() & max().**

**OUTPUT:**

**14.4 Write PHP script to demonstrate use of Math functions. pow() & sqrt().**

**OUTPUT:**

## 15.1 Write PHP script to demonstrate use of date/time functions – date().

```
<html>
<head>
    <title> String Function - Date() </title>
</head>
<body>
<H2> string date (string $format [, int $timestamp]) </h2>
<br/>
<?php
    echo date("d/m/y")."<br/>" ;
    echo date("d.m.y")."<br/>" ;
    echo date("Y/m/d")."<br/>" ;
    echo date("D/M/Y")."<br/>" ;
    echo date("l-F-y")."<br/>" ;
    echo date("d/m/y h:i:s a")."<br/>" ;
    echo date("d/m/y h:i:s A")."<br/>" ;
    echo date("d/m/y G :i:s a")."<br/>" ;
?>
</body>
</html>
```

### OUTPUT:

## 15.2 Write PHP script to demonstrate use of date/time functions – getDate().

```
<html>
<head>
    <title> String Function - getDate() </title>
</head>
<body>
<H2> array getDate ([ int $timestamp = time() ])</h2> <br/>
<?php
    echo getdate()."<br/>" ; // error
    echo "<pre>";
    print_r(getdate()) . "<br/>" ;
```

```
?>
</body>
<html>
OUTPUT:
```

### 15.3 Write PHP script to demonstrate use of date/time functions – Setdate () .

```
<html>
<head>
    <title> String Function - Setdate() </title>
</head>
<body>
<H2> public DateTime datetime :: setDate( int $year, int $month, int $day ) </h2> <br/>
<h2> Reset the current date of the datetime object to different date .</h2> <br/>
<?php
    $Date = new DateTime();
    $Date->setDate(2010, 3, 11);
    echo $Date -> format('Y-m-d');

?>
</body>
</html>
```

OUTPUT:

### 15.4 Write PHP script to demonstrate use of date/time functions – mktime().

OUTPUT:

```
<html>
<head>
    <title> String Function - mktime()</title>

</head>
<body>
<H2>mktime(hour,min,sec,month,day,year,dst) (Optional parameter)</h2> <br/>
<h2> Get the UNIX timestamp for a date.</h2> <br/>
```

```

<?php
    echo mktime(1,1,1,1,2001) . "<br/>";
    echo mktime(0,0,0,0,2001). "<br/>";
    echo mktime(0,0,0,0,2012). "<br/>";
?>
<body>
<html>

```

### **15.5 Write PHP script to demonstrate use of date/time functions – time() & checkdate().**

```

<html>
<head>
    <title> String Function - time() and checkdate(month, day, year)</title>
</head>
<body>
    <?php
        echo time()."<br/>" ;
        $nextWeek = time() + (7 * 24 * 60 * 60);
            // 7 days; 24 hours; 60 mins; 60 secs
        echo 'Now:    '. date('Y-m-d') ."\n";
        echo 'Next Week: '. date('Y-m-d', $nextWeek) ."\n";
        // or using strtotime():
        echo 'Next Week: '. date('Y-m-d', strtotime('+1 week')) ."\n";

        var_dump(checkdate(12, 05, 2012)) .<br/>;
        var_dump(checkdate(32, 10, 2014)) .<br/>;
        var_dump(checkdate(12, 32, 2012)) .<br/>;
        var_dump(checkdate(2, 29, 2001)) .<br/>;
    ?>
</body>
</html>

```

#### **OUTPUT:**

## **16.1 Write PHP Script to demonstrate use of Indexed/Numeric arrays and for FOR EACH loop execution.**

```
<?php
```

```
// NUMERIC / INDEXED ARRAY
```

```
// FIRST METHOD
```

```
    $numbers = array(1,2,3,4,5);
```

```
    foreach ($numbers as $value)
```

```
    {      echo "Value is $value".<br>;
```

```
    }
```

```
$myArray = array("NBP", "MPC", "MEC", "SPIT", "SDP");
```

```
foreach ($myArray as $value)
```

```
{      echo "College Name is $value".<br>;
```

```
}
```

```
// SECOND METHOD
```

```
$Friends[0] = "Ravi";
```

```
$Friends[1] = "Ketul";
```

```
$Friends[2] = "Sameer";
```

```
$Friends[3] = "Dhaval";
```

```
$Friends[4] = "Amit";
```

```
foreach ($Friends as $value)
```

```
{      echo "Friends is $value".<br>;
```

```
}
```

```
echo "<br>";
```

```
print_r($numbers);
```

```
echo "<br>";
```

```
print_r($Friends);
```

```
?>
```

**OUTPUT:**

## 16.2 Write PHP Script to demonstrate use of associative arrays and for FOR EACH loop execution.

```
<html>
<head>
<title>Array Example : ASSOCIATIVE ARRAY</title>
</head>
<body>
<?php
$myArray = array(      'it'=>'Samir',
                      'me'=>'Bhavik',
                      'ee'=>'Amit',
                      'ec'=>'Ritesh',
                      'civil'=>'Hitendra',
                      'gen'=>'Prashant'
);
echo "<h1>" . "List of Head of N. B. Patel Polytechnic" . "</h1>" . "</br>";
echo "<h2>";
echo "Head of Computer Engineering / Information Technology : " . $myArray['it'] . "</br>";
echo "Head of Mechanical Engineering : " . $myArray['me'] . "</br>";
echo "Head of Electrical Engineering : " . $myArray['ee'] . "</br>";
echo "Head of Electrical & Communications : " . $myArray['ec'] . "</br>";
echo "Head of Civil Engineering : " . $myArray['civil'] . "</br>";
echo "Head of General Department : " . $myArray['gen'] . "</br>";
echo "</h2>";

foreach ($myArray as $key => $value) {
    echo "Key is $key  value is $value".<br>;
}
echo "<br>";
echo "<br>";
$age=array("Peter"=>"35","Ben"=>"37","Joe"=>"43");
foreach($age as $x=>$x_value) {
    echo "Key=" . $x . ", Value=" . $x_value;
    echo "<br>";
}
```

```
echo "<pre>";
print_r($myArray);
```

```
?>
</body>
</html>
```

**OUTPUT:**

**16.3 Write PHP Script to demonstrate use of mixed array indexed +associative arrays and print using print\_r() function.**

```
<?php
```

```
$myArray = array('Bipin',28,"Degree"=>"MTECH",'City'=>'Mehsana',"Mehsana");
```

```
echo "</h2>";
echo "<pre>";
print_r($myArray);
```

```
?>
```

**OUTPUT:**

**16.4 Write PHP Script to demonstrate use of multidimensional arrays .**

```
<html>
<head>
<title>Multidimensional Array Example</title>
</head>
<body>
<?php
```

```
$marks = array(
```

```

'Bipin' => array (
    'Maths'=>45,
    'Physics'=>40,
    'Chemistry'=>42,
),

'Ravi' => array (
    'Maths'=>40,
    'Physics'=>40,
    'Chemistry'=>40,
),

'amit' => array (
    'Maths'=>50,
    'Physics'=>45,
    'Chemistry'=>48,
)
);
);

echo "Marks for Bipin in Maths : ";
echo $marks['Bipin']['Maths']."<br>";
echo "Marks for Bhavik in Physics : ";
echo $marks['Ravi']['Physics']."<br>";
echo "Marks for Amit in Chemistry : ";
echo $marks['amit']['Chemistry']."<br>";

echo "<pre>";

print_r($marks);

?>
</body>
</html>

```

**OUTPUT:**

## 16.4 Write PHP Script to demonstrate sorting arrays .

```
<html>
<head>
<title>
    Array Function - SORT()
</title>
</head>
<body>
<h1> bool sort (array $array [,int $sort_flags = SORT_REGULAR])</h1><br/>
<h3>Sort the elements from Lowest to Highest Position </h3>

<?php
$foo = array("bob","fred","Marry","mark","Alen" , "arya");
sort($foo);
print_r($foo);

echo "<br/>" ;   echo "<br/>";

$Batsman = array('Sachin','Sehwag','Dravid','Dhoni','Virat','Gambhir');
sort($Batsman);
print_r($Batsman);
echo "<br/>";

?>
</body>
</html>
```

### OUTPUT:

**Create a Student Registration form using different HTML form elements and display all student information on another page using PHP.**

## ***Registration.php***

```
<html>
<head>
    <title>Student Registration Form</title>
<style type="text/css">
    h3{font-family: Calibri; font-size: 22pt; font-style: normal; font-weight: bold; color:SlateBlue;
    text-align: center; text-decoration: underline }
    table{font-family: Calibri; color:white; font-size: 11pt; font-style: normal;
    text-align: center; background-color: SlateBlue; border-collapse: collapse; border: 2px solid navy}
    table.inner{border: 0px}
</style>
</head>
<body>
<h3>STUDENT REGISTRATION FORM</h3>
<form action="RegistrationDispaly.php" method="POST">
<table align="center" cellpadding = "10">
    <!-- First Name -->
    <tr>
        <td>FIRST NAME</td>
        <td><input type="text" name="First_Name" maxlength="30" required/>
        (max 30 characters a-z and A-Z)
        </td>
    </tr>
    <!-- Last Name -->
    <tr>
        <td>LAST NAME</td>
        <td><input type="text" name="Last_Name" maxlength="30" required/>
        (max 30 characters a-z and A-Z)
        </td>
    </tr>
    <!-- Date Of Birth -->
    <tr>
        <td>DATE OF BIRTH</td>
        <td><input type="text" name="Birthday_day" maxlength="10" required/></td>
    </tr>
    <!-- Email Id -->
    <tr>
        <td>EMAIL ID</td>
        <td><input type="email" name="Email" maxlength="100" style="width:250px" required
        placeholder="Enter a valid email address">
        </td>
    </tr>
</table>
</form>
```

```

<!-- Mobile Number -->
<tr>
    <td>MOBILE NUMBER</td>
    <td><input type="text" name="Mobile_Number" maxlength="10" />
        (10 digit number)
    </td>
</tr>
<!-- Gender -->
<tr>
    <td>GENDER</td>
    <td><input type="radio" name="Gender" value="Male" checked/>Male
        <input type="radio" name="Gender" value="Female" />Female
    </td>
</tr>
<!-- Address -->
<tr>
    <td>ADDRESS <br /><br /><br /></td>
    <td><textarea name="Address" rows="4" cols="30"></textarea></td>
</tr>
<!-- City -->
<tr>
    <td>CITY</td>
    <td><select name="City" id="City">
        <option value="0" selected>-- Select --</option>
        <option value="Ahmedabad">Ahmedabad</option>
        <option value="Mehsana">Mehsana</option>
        <option value="Patan">Patan</option>
        <option value="Gandhinagar">Gandhinagar</option>
        <option value="Visnagar">Visnagar</option>
    </select>
    </td>
</tr>
<!-- Pin Code -->
<tr>
    <td>PIN CODE</td>
    <td><input type="text" name="Pin_Code" maxlength="6" />
        (6 digit number)
    </td>
</tr>
<!-- State -->
<tr>
    <td>STATE</td>
    <td><input type="text" name="State" maxlength="30" />
        (max 30 characters a-z and A-Z)
    </td>
</tr>

```

```

<!-- Country -->
<tr>
    <td>COUNTRY</td>
    <td><input type="text" name="Country" value="India" readonly="readonly" /></td>
</tr>
<!-- Hobbies -->
<tr>
    <td>HOBBIES <br /><br /><br /></td>
    <td>
        Drawing
        <input type="checkbox" name="Hobby_Drawing" value="Drawing" />
        Singing
        <input type="checkbox" name="Hobby_Singing" value="Singing" />
        Dancing
        <input type="checkbox" name="Hobby_Dancing" value="Dancing" />
        Sketching
        <input type="checkbox" name="Hobby_Cooking" value="Cooking" /><br />
        Others
        <input type="checkbox" name="Hobby_Other" value="Other">
        <input type="text" name="Other_Hobby" maxlength="30" />
    </td>
</tr>
<!-- Qualification-->
<tr>
    <td>QUALIFICATION <br /><br /><br /><br /><br /><br /><br /></td>
    <td>
        <table>
            <tr>
                <td align="center"><b>Sl.No.</b></td>
                <td align="center"><b>Examination</b></td>
                <td align="center"><b>Board</b></td>
                <td align="center"><b>Percentage</b></td>
                <td align="center"><b>Year of Passing</b></td>
            </tr>
            <tr>
                <td>1</td>
                <td>Class X</td>
                <td><input type="text" name="ClassX_Board" maxlength="30" /></td>
                <td><input type="text" name="ClassX_Percentage" maxlength="30" /></td>
                <td><input type="text" name="ClassX_YrOfPassing" maxlength="30" /></td>
            </tr>
            <tr>
                <td>2</td>
                <td>Class XII</td>
                <td><input type="text" name="ClassXII_Board" maxlength="30" /></td>
                <td><input type="text" name="ClassXII_Percentage" maxlength="30" /></td>
                <td><input type="text" name="ClassXII_YrOfPassing" maxlength="30" /></td>
            </tr>
        </table>
    </td>
</tr>

```

```

<tr>
    <td>3</td>
    <td>Graduation</td>
    <td><input type="text" name="Graduation_Board" maxlength="30" /></td>
    <td><input type="text" name="Graduation_Percentage" maxlength="30" /></td>
    <td><input type="text" name="Graduation_YrOfPassing" maxlength="30" /></td>
</tr>
<tr>
    <td></td>
    <td></td>
    <td align="center">(10 char max)</td>
    <td align="center">(upto 2 decimal)</td>
</tr>
</table>
</td>
</tr>
<!-- Course -->
<tr>
    <td>COURSES<br />APPLIED FOR</td>
    <td>
        <input type="radio" name="Course" value="Diploma">Diploma
        <input type="radio" name="Course" value="Degree">Degree
        <input type="radio" name="Course" value="Master">Master
    </td>
</tr>
<tr>
    <td>Registration Password</td>
    <td> <input type="password" name="Password" id="Password" maxlength="20" /></td>
</tr>
<!-- Submit and Reset -->
<tr>
    <td colspan="2" align="center">
        <input type="submit" value="Submit">
        <input type="reset" value="Reset">
    </td>
</tr>
</table>
</form>
</body>
</html>

```

# STUDENT REGISTRATION FORM

FIRST NAME	Bipin	(max 30 characters a-z and A-Z)			
LAST NAME	Prajapati	(max 30 characters a-z and A-Z)			
DATE OF BIRTH	28/01/1988				
EMAIL ID	bipin_ce28@ymail.com				
MOBILE NUMBER	9428919937	(10 digit number)			
GENDER	<input checked="" type="radio"/> Male <input type="radio"/> Female				
ADDRESS	N B Patel Polytechnic, Piludara Mehsana Vignagar Highway, Merchant Education campus, Basna				
CITY	Mehsana				
PIN CODE	384380	(6 digit number)			
STATE	Gujarat	(max 30 characters a-z and A-Z)			
COUNTRY	India				
HOBBIES	Drawing <input checked="" type="checkbox"/> Singing <input checked="" type="checkbox"/> Dancing <input checked="" type="checkbox"/> Sketching <input checked="" type="checkbox"/> Others <input type="checkbox"/> Programming				
QUALIFICATION	Sl.No.	Examination	Board	Percentage	Year of Passing
	1	Class X	GSEB	80	2003
	2	Class XII	GSHEB	60	2005
	3	Graduation	HNGU	61	2009
			(10 char max)	(upto 2 decimal)	
COURSES APPLIED FOR	<input type="radio"/> Diploma <input type="radio"/> Degree <input checked="" type="radio"/> Master				
Registration Password	*****				
<input type="button" value="Submit"/> <input type="button" value="Reset"/>					

## **RegistrationDisplay.php**

```
<html>
<head>
    <title>Student Registration Display Form</title>
</head>
<body>
<h3>STUDENT INFORMATION</h3>
Student Name : <?php echo $_POST["First_Name"] . " " . $_POST["Last_Name"]. "<br/>" ;?>
D.O.B : <?php echo $_POST["Birthday_day"]."<br/>" ;?>
Email ID : <?php echo $_POST["Email"]."<br/>" ;?>
Gender : <?php echo $_POST["Gender"]."<br/>" ;?>
Address : <?php echo $_POST["Address"]."<br/>".$_POST["City"]."<br/>".$_POST["Pin_Code"]."<br/>" ;?>
    <?php echo $_POST["State"]."<br/>" ;?>
    <?php echo $_POST["Country"]."<br/>" ;?>
Hobbies : <?php echo $_POST["Hobby_Drawing"].", ".$_POST["Hobby_Singing"].",
".$_POST["Hobby_Dancing"].", ".$_POST["Hobby_Cooking"].", ".$_POST["Other_Hobby"];?>

<table>
<tr>
    <td align="center"><b>Sl.No.</b></td>
    <td align="center"><b>Examination</b></td>
    <td align="center"><b>Board</b></td>
    <td align="center"><b>Percentage</b></td>
    <td align="center"><b>Year of Passing</b></td>
</tr>
<tr>
    <td>1</td>
    <td>Class X</td>
    <td><?php echo $_POST["ClassX_Board"];?></td>
    <td><?php echo $_POST["ClassX_Percentage"];?></td>
    <td><?php echo $_POST["ClassX_YrOfPassing"];?></td>
</tr>
<tr>
    <td>2</td>
    <td>Class XII</td>
    <td><?php echo $_POST["ClassXII_Board"];?></td>
    <td><?php echo $_POST["ClassXII_Percentage"];?></td>
    <td><?php echo $_POST["ClassXII_YrOfPassing"];?></td>
</tr>
<tr>
    <td>3</td>
    <td>Graduation</td>
    <td><?php echo $_POST["Graduation_Board"];?></td>
    <td><?php echo $_POST["Graduation_Percentage"];?></td>
```

```

<td><?php echo $_POST["Graduation_YrOfPassing"];?></td>
</tr>
<tr>
    <td></td>
    <td></td>
    <td align="center"></td>
    <td align="center"></td>
</tr>
</table>

COURSES APPLIED FOR :<b><?php echo $_POST["Course"]."<br/>";?></b>
Registration Password :<?php echo $_POST["Password"];?>

</body>
</html>

```

### **OUTPUT:**



### **STUDENT INFORMATION**

Student Name : Bipin Prajapati

D.O.B : 28/01/1988

Email ID : bipin\_ce28@ymail.com

Gender : Male

Address : N B Patel Polytechnic,Piludara Mehsana Visnagar Highway, Merchant Education campus,Basna Mehsana  
384380  
Gujarat  
India

Hobbies : Drawing , Singing , Dancing , Cooking , Programming

#### **Sl.No. Examination Board Percentage Year of Passing**

1	Class X	GSEB	80	2003
2	Class XII	GSHEB	60	2005
3	Graduation	HNGU	61	2009

COURSES APPLIED FOR : **Master**

Registration Password : 12345

❖ AIM: - Write a PHP program to create a database using MySQL.

```
<html>
<head>
    <title>Create Database. </title>
</head>
<body>
<?php
$con = mysql_connect("localhost","root","");
if(!$con)
{ die("not opened"); }
echo "Connection open."<br>;
$query = "create database std";
$crdb = mysql_query($query,$con);
if(!$crdb)
{ die("not created. !".mysql_error()); }
echo "database created.. !";
?>
</body>
</html>
```

**O/P:**

Connection open  
database created.. !

❖ AIM: - Write a PHP program to drop a database using MySQL.

```
<html>
<head>
    <title>Drop Database. </title>
</head>
<body>
<?php
$con = mysql_connect("localhost","root","");
if(!$con)
{ die("not opened"); }
echo "Connection open."<br>;
$query = "drop database std";
$crdb = mysql_query($query,$con);
if(!$crdb)
{ die("not droped. !" .mysql_error()); }
echo "database droped.. !";
?>
</body>
</html>
```

**O/P:**

Connection open  
database droped.. !

**❖ AIM: - Write a PHP program to create a table in MySQL.**

```
<html>
<head>
<title>Create Table. </title>
</head>
<body>
<?php
$con = mysql_connect("localhost","root","");
if(!$con)
{
die("not opened");
}
echo "Connection open". "</br>";
$db = mysql_select_db("std",$con);
if(!$db)
{
die("Database not found".mysql_error());
}
echo "Database is selected". "</br>";
$query = "create table computer(id INT not null,name varchar(50),branch
varchar(50))";
$crtb = mysql_query($query,$con);
if(!$crtb)
{
die(" table not created. ..!".mysql_error());
}
echo "table created.. !". "</br>";
?>
</body>
</html>
```

**O/P:**

Connection open  
Database is selected  
table created.. !

❖ AIM: - Write a PHP program to insert record into a table using MySQL.

```
<html>
<head>
<title>Insert Record. </title>
</head>
<body>
<?php
$con = mysql_connect("localhost","root","");
if(!$con)
{
    die("not opened");
}
echo "Connection open". "</br>";
$db = mysql_select_db("std",$con);
if(!$db)
{
die("Database not found".mysql_error());
}
echo "Database is selected". "</br>";
$query1 = "insert into computer values(001,'Bipin','CE')";
$insertb1 = mysql_query($query1,$con);

$query2 = "insert into computer values(002,'Utsav','IT')";
$insertb2 = mysql_query($query2,$con);

if(!$insertb1 or !$insertb2)
{
die("Record not inserted.".mysql_error());
}
echo "Record inserted successfully. . .!". "</br>";
?>
</body>
</html>O/P:
Connection open
Database is selected
Record inserted successfully. . .!
```

❖ AIM:- Write a PHP program to select data and show into table format.

```
<html>
<head>
<title>Select Data. </title>
</head>
<body>
<?php
$con = mysql_connect("localhost","root","");

```

```

if(!$con)
{
die("not opened");
}
echo "Connection open". "</br>";
$db = mysql_select_db("studinfo",$con);
if(!$db)
{
die("Database not found".mysql_error());
}
echo "Database is selected". "</br>";
$query = "select * from computer";
$sqlt = mysql_query($query,$con);
if(!$sqlt)
{
die("data not selected".mysql_error());
}
echo "<table border='1'>
<tr>
<th>ID</th>
<th>Name</th>
<th>Branch</th>
</tr>";
while($row = mysql_fetch_array($sqlt))
{
echo "<tr>";
echo "<td>".$row['id']. "</td>";
echo "<td>".$row['name']. "</td>";
echo "<td>".$row['branch']. "</td>";
echo "</tr>";
}
echo "</table>";
?>
</body>
</html>

```

**O/P:**

Connection open  
Database is selected

ID	Name	Branch
1	Bipin	CE
2	Utsav	IT

❖ AIM: - Create a student Registration in PHP and Save and Display the student Records

```
<html>
<head>
<title>general form</title>
</head>
<body bgcolor="aakk">
<form action = "<?php $_PHP_SELF ?>" method = "POST">
Name: <input type = "text" name = "txtname">
<br><br>
Roll no.: <input type = "text" name = "txtr_no">
<br><br>
Gender: <input type = "text" name = "txtgen">
<br><br>
Address: <textarea name = "add" type = "textarea"></textarea>
<br><br>
<input type = "Submit" name = "insert" value = "Save">
<input type = "Reset" value = "Cancle">
</form>
</body>
</html>

<?php
if(isset($_POST['insert']))
{
$con = mysql_connect("localhost", "root", "");
if($con)
{
echo "Mysql connection ok<br>";
mysql_select_db("std",$con);
$name = strval($_POST['txtname']);
$rollno = intval($_POST['txtr_no']);
$gender = strval($_POST['txtgen']);
$address = strval($_POST['add']);
$insert = "insert into info values($rollno,$name,$gender,$address)";
if(mysql_query($insert,$con))
{
echo "Data inserted successfully<br>";
}
$query = "select * from info";
$sql = mysql_query($query,$con);
echo "<table border='1'>
<tr>
```

```

<th>Name</th>
<th>Roll No</th>
<th>Gender</th>
<th>Address</th>
</tr>";
while($row = mysql_fetch_array($sldt))
{
echo "<tr>";
echo "<td>".$row['RollNo']."'</td>";
echo "<td>".$row['Name']."'</td>";
echo "<td>".$row['Gender']."'</td>";
echo "<td>".$row['Address']."'</td>";
echo "</tr>";
}
echo "</table>";
mysql_close($con);
}
}
?>

```

general form × PMA localhost / localhost / std / ... +

localhost/PHP/mysql\_6.php Google

Name:

Roll no.:

Gender:

Address:

Save Cancel

Mysql connection ok  
Data inserted successfully

Name	Roll No	Gender	Address
1	Bipin	Male	Mehsana
2	Ravi	Male	Visnagar

❖ AIM: - Write a PHP program that demonstrate passing variable using URL.

```
<html>
<head>
<title>Query String</title>
</head>
<body>
<form>
Hello Frendzz... !<br>
I am
<?php
echo $_GET["Name"];
echo $_GET["L_name"];
?>
</form>
</body>
</html>
```

O/P:

Localhost/@nil\_09/querystr.php?Name=Bipin&L\_name=Prajapati  
Hello Frendzz... !  
I am Bipin Prajapati

❖ AIM: - Write a PHP program that demonstrate use of session:1

```
<html>
<head>
<title>Session</title>
</head>
<body>
<?php
session_start();
$_SESSION["name"]="Bipin";
$_SESSION["Password"]=" Bipin123";
?>
</body>
</html>
```

**AIM:- Write a program that demonstrate use of session:2**

```
<html>
<head>
<title>Session</title>
</head>
<body>
<?php
session_start();
echo "Welcome ".$_SESSION["name"]."<br/>";
echo "your Password:".$_SESSION["Password"];
?>
</body>
</html>
```

**O/P:**

Welcome Bipin  
your Password: Bipin123

**AIM: - Write a program that demonstrate use of cookies: 1**

```
<html>
<head>
<title>Examle of cookies. . !</title>
</head>
<body>
<?php
setcookie("name","Bipin Prajapati",time()+3600,"/","",0);
setcookie("age","25",time()+3600,"/","",0);
echo " cookies set";
?>
</body>
</html>
```

**O/P:**

Cookies set

**AIM:- Write a program that demonstrate use of cookies:2**

```
<html>
<head>
<title>Access cookies. . !</title>
</head>
<body>
<?php
```

```
echo $_COOKIE["name"]."<br/>";
echo $_COOKIE["age"]."<br/>";
?>
</body>
</html>
```

**O/P:**

Bipin Prajapati

25

**AIM: - Write a program that keeps track of how many times a visitor has loaded the page.**

```
<html>
<head>
<title>php counter</title>
</head>
<body>
<?php
session_start();
if(isset($_SESSION['counter']))
{
$_SESSION['counter'] += 1;
}
else
{
$_SESSION['counter'] = 1;
}
echo "You have visited this page ".$_SESSION['counter']."' time in this session";
?>
</body>
</html>
```

**O/P:**

You have visited this page 1 time in this session

**AIM: Write a program that displays a different message based on time of day. For example page should display “Good Morning” if it is accessed in the morning.**

```
<?PHP
//Change the messages to what you want.
$afternoon = "Good afternoon! ";
$evening = "Good evening! ";
$late = "Working late? ";
$morning = "Good morning! ";
$friday= "Get ready for the weekend! ";
```

```
//Get the current hour
$current_time = date('G');
//Get the current day
$current_day = date('l');
//12 p.m. - 4 p.m.
if ($current_time >= 12 && $current_time <= 16) {
echo $afternoon;
}
// 5 p.m. to 11 p.m.
elseif ($current_time >= 17 && $current_time <= 24) {
echo $evening;
}
//12 a.m. - 5 a.m.
elseif ($current_time >= 1 && $current_time <= 5) {
echo $late;
}
// 6 a.m. to 11 a.m.
elseif ($current_time >= 6 && $current_time <= 11) {
echo $morning;
}
//If it's Friday, display a message
if ($current_day == "Friday")
{
echo $friday;
}
?>
```

**O/P :-**

Good morning! (Its base on Current Time)