PHP Programs

Program 1:

```
<html>
<head>
<title>My First PHP Page</title>
</head>
<body>
<?php
echo "Hello World!";
?>
</body>
</html>
```

Program 2:

```
<html>
<head>
<title>My First PHP Page</title>
</head>
<body>
<?php
$a=5;
$b=9;
$c=$a+$b;
echo "The value of Sum".$c;
?>
</body>
</html>
```

Program 3:

```
<html>
<head>
<title>My First PHP Page</title>
</head>
<body>
<?php
$a=5;
$b="5";
if ($a == $b)
    echo "both are equal";
else
    echo "both are not equal";
?>
</body>
</html>
```

Program 4: Usage of if else

```
<html>
<head>
<title>My First PHP Page</title>
</head>
<body>
<?php
$a=5;
$b="5";
if ($a === $b)
    echo "both are equal";
else
    echo "both are not equal";
?>
</body>
</html>
```

Program 5: PHP With MySQL.

```
<html>
<head>
<title>PHP Connect Database</title>
</head>
<body>
<?php

$my_con =mysql_connect("localhost","root","amirtha");
mysql_select_db("univ",$my_con);

// inserting constant values in database

$q= "insert into student values(3,'Rani')";
$res = mysql_query($q);
echo $res;
mysql_close($my_con);

// alternative way- inserting variable values in database.
// remove the comment and run the php code.

/*$no= 4;
$nam ="hema"
$q1 = "insert into student values($no,'$nam')";
$res1 = mysql_query($q1); */


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

univ is the database name.Student is the table created under univ database.The student table has two fields(number,varchar).
Check delete and update DML commands as well.

Program 6.1 :- HTML Form for getting client information

```html
<html>
<head><title>Form Registration</title>
</head>
<body>
<form method="post" action="regisp.php">
<pre>
Enter Ur Regno    :<input type="text" name="Regno"/>
Enter Ur Name     :<input type="text" name="Name"/>
Enter Ur Hobbies  :<input type="text area" name="hobby">
Choose Ur Membership:
<input type="radio" name="member" value="CSI"/>  :CSI
<input type="radio" name="member" value="ISTE"/> :ISTE
<input type="radio" name="member" value="ACM"/> :ACM
<select name="choice">
<option>Web Technologies</option>
<option>Open Source Programming</option>
<option>Others</option>
</select>
<input type="submit" name="submit"/>
</pre>
</form>
</body>
</html>
```

Program 6.2 – regis.php for displaying the form information

```php
<html>
<head><title>Form Registration Details</title>
</head>
<body>
<?php

    foreach( $_POST as $k => $v)
    {
       if ( $k != "submit" )
           echo "<b>".$k.":" ."</b>".$v."<br>";
    }
?>
</body>
</html>
```

Program 7.1: Survey.html

```html
<html>
```

```
<head><title>REGISTER Ur Vote</title></head>
<body bgcolor="#000000" text="#FFFFFF">
<center>
<h1><b>POLL YOUR VOTES FOR UR FAVOURITE BOOK</b></h1>
</center>
<form method = "get" action = "surveypoll.php">
<pre>

<font color="red"  size="7px"  name="times roman">

Which is Ur favourite book?
<input type="radio" name = "b_name" value = "if tommorrow
comes" >If Tommorrow Comes
<input type="radio" name = "b_name" value = "coma" >Coma
<input type="radio" name = "b_name" value = "love story"
>Love Story
<input type="radio" name = "b_name" value = "prodigal
daughter" >Prodigal  Daughter
<input type="radio" name = "b_name" value = "Jane Ayre"
>Jane Ayre
<input type ="submit" name = "vote" value ="VOTE"><input
type ="reset" value = "CLEAR" >

</font>
</pre>
</body>
</html>
```

7.2 Program – surveypoll.php

```
<!--Survey    Poll-   PHP   can   have    a   mix   of   named
blocks(functions) and un-named blocks.
can be embedded any where and the php code is called from
html file(survey.html)-->

<html>
<body>
<?php
function updateDB($book , $vct ) //php func to updt db
{

    $db1 = mysql_connect("localhost", "root","amirtha");
    mysql_select_db("e",$db1);
    $ar = "UPDATE favbook SET ct=$vct WHERE trim(bookname) =
'$book' ";
    $r = mysql_query($ar);
    mysql_close($db1);

}
function display($_a) //php function to display the results
{

    echo "<table border=1 width=\"25%\"  bgcolor=\"orange\"
```

```php
align=\"center\">";

    echo "<tr><td><h1>Book
Name</h1></td><td><h1>Votes</h1></tr>";
    foreach($_a as $key=>$value)
    {

        echo
"<tr><td><h3>".$key."</h3></td><td><h3>".$value."</h3></td>
</tr>\n";
    }

    echo "</table>\n";
}

$v = $_GET['b_name'];    //getting form data
                         // php unamed block start

$db = mysql_connect("localhost", "root","amirtha");
mysql_select_db("e",$db);
$result = mysql_query("SELECT * FROM favbook",$db);

/*fetching the data from the table row-wise,$myrow[0] is
the first field and $myrow[1] is the second field
*/

while ($myrow = mysql_fetch_row($result))
$_arr[$myrow[0]] =$myrow[1];

foreach($_arr as $key=>$value)
{
    if ($key == $v )
    {
        $c = $value+ 1;
        $_arr[$key]=$c;
        break;
    }
}
mysql_close($db);
display($_arr);
updateDB($v,$c);
// php unamed block end

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

```
mysql> select * from favbook;
+--------------------+------+
| bookname           | ct   |
+--------------------+------+
| if tommorrow comes |    5 |
| coma               |    8 |
```

```
| love story       |   8 |
| prodigal daughter |  13 |
| Jane Ayre        |  10 |
+-------------------+------+
```

```
$_arr[$myrow[0]] =$myrow[1];

Storing the fields as key value pairs.field[0] is key and
field[1] as value.

Eg:
$_arr["if tommorrow comes"] = 5;
```

Program 8 – Connecting to MS Access

```
<html>
<body>

<?php
// connecting to MS Access - to be taught after CAT2

$conn=odbc_connect('demo'," "," "); //demo is the dsn
if (!$conn)
   {exit("Connection Failed: " . $conn);}
$sql="select * from student";
$rs=odbc_exec($conn,$sql);
if (!$rs)
   {exit("Error in SQL");}
echo "<table><tr>";
echo "<th>Student regno</th>";
echo "<th>Name</th></tr>";
while (odbc_fetch_row($rs))
   {
   $r=odbc_result($rs,"regno");
   $n=odbc_result($rs,"name");
   echo "<tr><td>$r</td>";
   echo "<td>$n</td></tr>";
   }
odbc_close($conn);
echo "</table>";
?>

</body>
</html>
```

Basic Programs

Program 9– usage of if elseif

```php
<?php
$sample = 10;
if ($sample > 15) {
   echo "Level 1";
}
elseif ($sample > 5) {
   echo "Level 2";
}
else {
   echo "Level 3";
}
?>
```

Program 10: Usage of switch case

```php
<? Php

$sample = 10;
switch ($sample) {
case 5:
   echo "Value is 5";
   break;
case 10:
   echo "Value is 10";
   break;
case 15:
   echo "Value is 15";
   break;
default:
   echo "Value is outside the range";
}

?>
```

Program 11–usage of do while

```php
<? Php

$i = 5
do {
   echo "value is now " . $i . "<br>";
   $i--;
} while ($i > 3);

?>
```

Program 12- Usage of while

```php
<?php

$counter = 8;
while ($counter < 10)
{
   echo "counter is now " . $counter . "<br>";
   $counter++;
}

?>
```

Program 13: Usage of for loop

```php
<?php

for($i  =  0;  $i  <=  2;  $i++)
{
   echo "value is now " . $i . "<br>";
}

?>
```

Program 14 :Usage of functions

```php
<?php

function double_this_number($input_number)
{
   return $input_number*2;
}

$x = 10;
$y = double_this_number($x);
echo $y;

?>
```

Program 15 - Arrays
```php
<?php
//Numeric Array
$friends = array("Chitra","Rani","Hema","Senthil","Poun");
/* Equivalent Representation
$friends[0]  = "Chitra";
$friends[1]  = "Rani";
$friends[2]  = "Hema";
```

```php
$friends[3] = "Senthil";
$friends[4] = "Poun";
*/
//Associative Array

$student_score = array("Vivek"=>80, "Nitya"=>90,
"Yuvi"=>85);

/* Equivalent Representation
$student_score ["Vivek"] = 80;
$student_score ["Nitya"] = 90;
$student_score ["Yuvi"] = 85;
*/
?>
```

Program 16: Usage of include – includes the contents of intro.php in the current php file. Gives a warning if the file doesn't exist but executes the remaining script.

```php
<?php

  include ("intro.php");
  echo "intro included";
 ?>

```

Program 17:Usage of Require- includes the contents of intro.php in the current php file Gives a warning if the file doesn't exist and remaining script is not executed.

```php
<?php

  Require ("intro.php");
  echo "intro included";
 ?>

```