PHP Programs

Assignment 1: student registration form

```
registration.html
<HTML>
 <BODY>
<form method="post" action="registration.php">
First Name <INPUT name="fname"><br>
Last Name <INPUT name="Iname"><br>
Email ID <INPUT name="email"><br>
Password <INPUT type=password name="pass"><br>
Confirm Password <INPUT type=password name=cpass><br>
Qualification <INPUT name=quli><br>
Gender
 Female <INPUT type=radio value=female name=r1>
 Male <INPUT type=radio value=male name=r1>
<br>
City
 <SELECT name=list1>
  <OPTION selected>Dhule</OPTION>
  <OPTION>Mumbai</OPTION>
  <OPTION>Nashik</OPTION>
  <OPTION>Shirpur</OPTION>
</SELECT>
<br>
Country
```

```
<SELECT name=list2>
 <OPTION selected>Africa</OPTION>
 <OPTION>China</OPTION>
 <OPTION>India</OPTION>
 <OPTION>Japan</OPTION>
</SELECT>
<br>
Laguages Known:
English <INPUT type=checkbox value=English name=c1>
 Marathi <INPUT type=checkbox value=Marathi name=c2>
 Hindi <INPUT type=checkbox value=Hindi name=c3>
 <br>
 Security Question
<SELECT name=list3>
<OPTION selected>What you are pet name</OPTION>
 <OPTION>What you are first school name</OPTION>
 <OPTION>What you mother name</OPTION>
</SELECT>
<br>Answer <INPUT type=text name=ans />
<br><INPUT type="submit" value=submit name="submit"/>
  </form>
 </BODY>
</HTML>
registration.php
 <?php
```

```
if(isset($_POST["submit"]))
  {
  $fname=$_POST['fname'];
  $Iname=$_POST['Iname'];
  $email=$_POST['email'];
  $pass=$_POST['pass'];
  $cpass=$_POST['cpass'];
  $quli=$_POST['quli'];
  $city=$_POST['list1'];
  $country=$_POST['list2'];
  $question=$_POST['list3'];
  $answer=$_POST['ans'];
  $gender=$_POST['r1'];
  $lang1=$_POST['c1'];
  $lang2=$_POST['c2'];
  $lang3=$_POST['c3'];
  $lang=$lang1." ".$lang2." ".$lang3;
   if(empty($fname))
  {
          $error[]="First name should not blank";
  }
  if(empty($gender))
  {
          $error[]="Select Gender";
  }
```

```
if(empty($Iname))
{
        $error[]="Last name should not blank";
}
if(empty($email))
{
        $error[]="email should not blank";
}
if(empty($pass) && empty($cpass) )
{
        $error[]="Password should not blank";
}
if(empty($quli))
{
        $error[]="Qualification should not blank";
}
 if(empty($city))
{
        $error[]="City should not blank";
}
if(empty($country))
{
       $error[]="Country should not blank";
}
```

```
if(empty($lang1)&& empty($lang2)&& empty($lang3))
{
       $error[]="Language should not blank";
}
if(empty($question))
{
       $error[]="Question should not blank";
}
  if(empty($answer))
{
       $error[]="Answer should not blank";
}
 if((strcmp($pass,$cpass)<0) || (strcmp($pass,$cpass)>0))
 {
      $error[]="password and confirmation password not match";
 }
if(count($error)>0)
      {
               echo"<UL>";
               foreach($error as $e)
               {
                      echo "".$e."";
               }
               echo "</UL>";
      }
```

```
else
      {
      echo"USER INFORMATION <BR>";
    echo "First Name :- ".$fname."<br>";
                   echo "Last Name: - ".$Iname." < br>";
                   echo "Email :- ".$email."<br>";
                   echo "Password :- ".$pass."<br>";
                   echo "Qualification :- ".$quli."<br>";
                   echo "Gender:-".$gender."<br>";
                   echo "City :- ".$city."<br>";
                   echo "Country:- ".$country."<br>";
                   echo "Languages Known :- ".$lang."<br>";
                   echo "Security Question :- ".$question."<br>";
                   echo "Answer of Security Question :- ".$answer."<br>";
       }
}
?>
```

Assignment 2: simple prime no

```
<html>
<body>
<form method="post">

Enter a Number: <input type="text" name="input"><br>
<input type="submit" name="submit" value="Submit">
```

```
</form>
<?php
if($_POST)
{
$input=$_POST['input'];
for ($i = 2; $i <= $input-1; $i++) {
if ($input % $i == 0) {
$value= True;
}
}
if (isset($value) && $value) {
echo 'The Number '. $input . ' is not prime';
} else {
echo 'The Number '. $input . ' is prime';
}
}
?>
<html>
<body>
Assignment 3: Prime no in given range
<html>
<body>
<form method="post">
Enter the First number: <INPUT name="n1"><br>
Enter the Second number: <INPUT name="n2">
```

```
<input type="submit" name="submit" value="submit">
</form>
<?php
if($_POST)
{
$n1=$_POST['n1'];
$n2=$_POST['n2'];
for($i=$n1;$i<=$n2;$i++)
{
if($i==2 | | $i==3 | | $i==5 | | $i==7) {
echo " $i ";
}
else if(($i%2)!= 0 && ($i%3) !=0 && ($i%5) !=0 && ($i%7) !=0) {
echo " $i ";
}
else
continue;
}
echo "are Prime number between $n1 and $n2 ";
}
?>
</body>
</html>
```

Assignment 4: create website registration

registration.html

```
<HTML>
 <BODY>
<form method="post" action="registration.php">
Emp First Name <INPUT name="fname"><br>
Emp Last Name <INPUT name="Iname"><br>
Emp Email ID <INPUT name="email"><br>
Emp Password <INPUT type=password name="pass"><br>
Emp Confirm Password <INPUT type=password name=cpass><br>
Emp Qualification <INPUT name=quli><br>
Emp Gender
 Female <INPUT type=radio value=female name=r1>
 Male <INPUT type=radio value=male name=r1>
<br>
Emp City
 <SELECT name=list1>
  <OPTION selected>Dhule</OPTION>
  <OPTION>Mumbai</OPTION>
  <OPTION>Nashik</OPTION>
  <OPTION>Shirpur</OPTION>
</SELECT>
<br>
Emp Country
 <SELECT name=list2>
 <OPTION selected>Africa</OPTION>
 <OPTION>China</OPTION>
```

```
<OPTION>India</OPTION>
 <OPTION>Japan</OPTION>
</SELECT>
<br>
Emp Laguages Known:
English <INPUT type=checkbox value=English name=c1>
 Marathi <INPUT type=checkbox value=Marathi name=c2>
 Hindi <INPUT type=checkbox value=Hindi name=c3>
 <br>
Emp Security Question
<SELECT name=list3>
<OPTION selected>What you are pet name</OPTION>
 <OPTION>What you are first school name</OPTION>
 <OPTION>What you mother name</OPTION>
</SELECT>
<br>Emp Answer <INPUT type=text name=ans />
<br><INPUT type="submit" value=submit name="submit"/>
  </form>
 </BODY>
</HTML>
registration.php
  <?php
if(isset($_POST["submit"]))
  {
  $fname=$_POST['fname'];
```

```
$Iname=$_POST['Iname'];
$email=$_POST['email'];
$pass=$_POST['pass'];
$cpass=$_POST['cpass'];
$quli=$_POST['quli'];
$city=$_POST['list1'];
$country=$_POST['list2'];
$question=$_POST['list3'];
$answer=$_POST['ans'];
$gender=$_POST['r1'];
$lang1=$_POST['c1'];
$lang2=$_POST['c2'];
$lang3=$_POST['c3'];
$lang=$lang1." ".$lang2." ".$lang3;
 if(empty($fname))
{
       $error[]="Emp First name should not blank";
}
if(empty($gender))
{
       $error[]="Select Gender";
}
if(empty($Iname))
{
       $error[]="Emp Last name should not blank";
```

```
}
if(empty($email))
{
       $error[]="Emp email should not blank";
}
if(empty($pass) && empty($cpass) )
{
       $error[]="Emp Password should not blank";
}
if(empty($quli))
{
       $error[]="Emp Qualification should not blank";
}
 if(empty($city))
{
       $error[]="Emp City should not blank";
}
if(empty($country))
{
        $error[]="Emp Country should not blank";
}
 if(empty($lang1) && empty($lang2) && empty($lang3))
{
```

```
$error[]="Emp Language should not blank";
}
if(empty($question))
{
        $error[]="Emp Question should not blank";
}
  if(empty($answer))
{
       $error[]="Emp Answer should not blank";
}
 if((strcmp($pass,$cpass)<0) || (strcmp($pass,$cpass)>0))
 {
      $error[]="Emp password and confirmation password not match";
 }
if(count($error)>0)
      {
               echo"<UL>";
               foreach($error as $e)
               {
                      echo "".$e."";
               }
               echo "</UL>";
      }
      else
      {
```

```
echo"USER INFORMATION <BR>";
    echo "Emp First Name :- ".$fname."<br>";
                   echo "Emp Last Name :- ".$Iname." <br>";
                   echo "Emp Email :- ".$email."<br>";
                   echo "Emp Password :- ".$pass." <br>";
                   echo "Emp Qualification :- ".$quli."<br>";
                   echo "Emp Gender :-".$gender."<br>";
                   echo "Emp City :- ".$city."<br>";
                   echo "Emp Country:- ".$country."<br>";
                   echo "Emp Languages Known :- ".$lang."<br>";
                   echo "Emp Security Question :- ".$question."<br>";
                   echo "Emp Answer of Security Question :- ".$answer."<br>";
       }
}
?>
```

Assignment 5:passing variable through a URL

```
</BODY>
</HTML>
url1.php
<?php
               if(isset($_GET['submit']))
               {
                       $number=$_GET['no'];
                       $fact=1;
                       $number;
                       for($i=1;$i<=$number;$i++)</pre>
                      {
                              $fact=$fact*$i;
                       }
                              echo "<h1>Factorial of $number is :- ".$fact."</h1>";
               }
       ?>
<u>url2.html</u>
<HTML>
 <HEAD>
 <BODY>
 <br>
       <a href="url2.php?name=RCPIMRD">Click here</a>
 </BODY>
</HTML>
url2.php
```

Assignment 6: Check given no is perfect or not

```
<html>
<head>
<title>Find Perfect number </title>
</head>
<body>
Enter a Number
<form method="post">
<input type="text" name="number"/>
<button type="submit">Check</button>
</form>
<?php
if($_POST)
{
$num = $_POST['number'];
$i=1;
$sum=0;
while ($i < $num) {
```

```
if ($num % $i == 0) {
$sum = $sum + $i;
}
$i++;
}
if($num == $sum){
echo "<span style='color:green'>The number $i is Perfect Number!!</span>";
}else{
echo "<span style='color:red'>The number $i is not a Perfect Number!!</span>";
}
}

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

Assignment 7: passing variable with Session

```
echo "<h3>Session variables are set.</h3>";
}
?>
<HTML>
 <HEAD>
 <BODY>
       <form method="post" action="session.php">
                 Enter Fav Color <input type="text" name="color"><br>
                 Enter Fav Animal <input type="text" name="animal"><br>
                 <input type="submit" name="submit" value="submit">
        </form>
</BODY>
</HTML>
session1.php
<?php
session_start();
echo "<h3> session variables that were set on previous page are</h3> <br/> ";
echo "Favorite color is " . $_SESSION["favcolor"]."<br>";
echo "Favorite animal is " . $_SESSION["favanimal"];
?>
Assignment 8: palindrome no
<html>
<body>
<form method="POST">
Enter the Number:<br>
```

```
<INPUT name="n">
<button type="submit">Click</button>
</form>
<?php
if($_POST)
$num=$_POST['n'];
$rev=0;
$p=$num;
while($num!=0)
{
$rev=$rev*10+$num%10;
$num=(int)($num/10);
}
if(\text{pev}==\text{p}){}
echo $p. " is Paliondrome Number";
}
else{
echo $p. " is not Paliondrome Number";
}
}
?>
</body>
</html>
```

Assignment 9: Passing variable with cookies

```
cookie.php
<?php
if(isset($_POST['submit']))
{
               $user=$_POST['user'];
               $cookie_name = $user;
setcookie("user", $cookie_name, time() + (86400 * 30), "/"); // 86400 = 1 day
}
if(isset($_POST['submit1']))
{
setcookie("user", $cookie_name, time() - (86400 * 30), "/"); // 86400 = 1 day
}
?>
<HTML>
 <HEAD>
 <BODY>
       <form method="post" action="cookie.php">
                 Enter Username <input type="text" name="user"><br>
                 <input type="submit" name="submit" value="Submit">
                 <input type="submit" name="submit1" value="Delete">
        </form>
 </BODY>
</HTML>
cookie1.php
<?php
```

```
if(!isset($_COOKIE["user"]))
{
  echo "Cookie is not set!";
} else
{
  $cookie_name=$_COOKIE["user"];
  echo "Cookie $cookie_name is set!<br>";
}
?>
```

Assignment 10: Reverse a given no in php

```
<html>
<body>
<form method="POST">

Enter the number: <INPUT name="n">
<input type="submit" name="submit" value="submit">
</form>
</php

if($_POST)

{
$num=$_POST['n'];
$rev=0;
$n=$num;
while($num>0){
$rev=$rev*10;
$rev=$rev+$num%10;
```

```
$num=(int)($num/10);
}
echo "Reverse Number of $n is : $rev";
}
?>
</body>
</html>
```

Assignment 11: write a program to keep track how many times visitors loded the page

Assignment 12: write a pro to check even odd number

```
<html>
<body>
<form method="POST">

Enter the number: <input type="text" name="n">
<input type="submit" value="submit" name="submit">
</form>
<?php

if($_POST)

{
```

```
$num=$_POST['n'];
if($num%2==0){
echo "$num is Even";
}else{
echo "$num is Odd";
}
}
?>
</body>
</html>
Assignment 13 : Armstrong number
<html>
<body>
<form method="POST">
Enter the number:
<input type="number" name="num">
<input type="submit" value="submit">
</form>
<?php
if($_POST){
$num=$_POST['num'];
$a=$num;
$sum=0;
while($a!=0){
$rem=$a%10;
```

```
$sum=$sum+($rem*$rem*$rem);
$a=$a/10;
}
if($num==$sum){
echo "$num an Armstrong Number";
}else{
echo "$num is not Armstrong Number";
}
}
</body>
</html>
```

Assignment 14: to connect MySQL server from your website

```
<input type="submit" name="submit" value="Update">
       <input type="submit" name="submit" value="Delete" >
       <input type="submit" name="submit" value="Show">
       <input type="submit" name="submit" value="OrderbyAsc">
       <input type="submit" name="submit" value="OrderbyDesc">
       <input type="submit" name="submit" value="Describe">
</form>
<?php
$con=mysql_connect("localhost","root","");
mysql_select_db("imrd",$con);
 $fn=$_POST["fn"];
 $ln=$_POST["ln"];
 $gender=$_POST["gender"];
 $emailid=$_POST["emailid"];
 $city=$_POST["city"];
if(isset($_POST["submit"])&& $_POST["submit"]=="Insert")
{
        $q="insert into info values('$fn','$ln','$gender','$emailid','$city')";
       mysql_query($q,$con);
}
if(isset($_POST["submit"])&& $_POST["submit"]=="Delete")
{
       $q="delete from info where fn='$fn' and ln='$ln'";
       $result=mysql_query($q,$con);
```

```
}
if(isset($_POST["submit"])&& $_POST["submit"]=="Update")
{
$q="update info set city='$city',emailid='$emailid' where fn='$fn' ";
mysql_query($q,$con);
}
if(isset($_POST["submit"])&& $_POST["submit"]=="Show")
{
$q="select * from info";
$result=mysql_query($q,$con);
echo "<TABLE border=2>";
echo"<TR>
       <TD>Fn</TD>
       <TD>In</TD>
       <TD>gender</TD>
       <TD>emailid</TD>
       <TD>city</TD>
</TR>";
while($row=mysql_fetch_array($result))
{
echo"<TR>
       <TD>$row[0]</TD>
       <TD>$row[1]</TD>
       <TD>$row[2]</TD>
```

```
<TD>$row[3]</TD>
       <TD>$row[4]</TD>
</TR>";
}
echo "</TABLE>";
if(isset($_POST["submit"])&& $_POST["submit"]=="OrderbyAsc")
{
       $q="select * from info order by fn asc";
       $result=mysql_query($q,$con);
       echo "<TABLE border=2>";
echo"<TR>
       <TD>fn</TD>
       <TD>In</TD>
       <TD>gender</TD>
       <TD>emailid</TD>
       <TD>city</TD>
       </TR>";
while($row=mysql_fetch_array($result))
{
echo"<TR>
       <TD>$row[0]</TD>
       <TD>$row[1]</TD>
       <TD>$row[2]</TD>
       <TD>$row[3]</TD>
```

```
<TD>$row[4]</TD>
       </TR>";
}
echo "</TABLE>";
}
if(isset($_POST["submit"])&& $_POST["submit"]=="OrderbyDesc")
{
$q="select * from info order by fn desc";
       $result=mysql_query($q,$con);
       echo "<TABLE border=2>";
echo"<TR>
       <TD>fn</TD>
       <TD>In</TD>
       <TD>gender</TD>
       <TD>emailid</TD>
       <TD>city</TD>
</TR>";
while($row=mysql_fetch_array($result))
{
echo"<TR>
       <TD>$row[0]</TD>
       <TD>$row[1]</TD>
       <TD>$row[2]</TD>
       <TD>$row[3]</TD>
       <TD>$row[4]</TD>
```

```
</TR>";
}
echo "</TABLE>";
}
if(isset($_POST["submit"])&& $_POST["submit"]=="Describe")
{
       $q="desc info";
       $result=mysql_query($q,$con);
       echo "<TABLE border=2>";
       echo"<TR>
       <TD>Field</TD>
       <TD>Type</TD>
       <TD>Null</TD>
       <TD>Key</TD>
       <TD>Default</TD>
       <TD>Extra</TD>
</TR>";
while($row=mysql_fetch_array($result))
{
echo"<TR>
       <TD>$row[0]</TD>
       <TD>$row[1]</TD>
       <TD>$row[2]</TD>
       <TD>$row[3]</TD>
       <TD>$row[4]</TD>
```

```
<TD>$row[5]</TD>
</TR>";
}
echo "</TABLE>";
}
?>
</form>
</BODY>
</HTML>
```

Assignment 15: Write a program to read customer information like cust_no, cust_name, Item_purchase, and mob_no, from customer table and display all these information in table format on output screen.

```
while($row=mysql_fetch_array($result))
{
    echo"<TR>
        <TD>$row[0]</TD>
        <TD>$row[1]</TD>
        <TD>$row[2]</TD>
        <TD>$row[3]</TD>
        <TD>$row[3]</TD>
</TR>";
}
echo "</TABLE>";
?>
```

exception.php

Assignment 16: of Error-handling using exceptions

```
<?php
//create function with an exception
function checkNum($number)
{
    if($number>5)
    {
        throw new Exception("Value must be 5 or below");
    }
}
if(isset($_POST['submit']))
{
$number=$_POST['no'];
```

```
//trigger exception in a "try" block
try {
  checkNum($number);
  //If the exception is thrown, this text will not be shown
  echo 'If you see this, the number is 5 or below';
}
//catch exception
catch(Exception $e)
       {
  echo 'Message: ' .$e->getMessage();
  } }
?>
<HTML>
 <HEAD>
 <BODY>
       <form method="post" action="exception.php">
                 Enter Username <input type="text" name="no"><br>
                <input type="submit" name="submit" value="submit">
        </form>
 </BODY>
</HTML>
Assignment 17: Sum of digits
<html>
<body>
<form method="POST">
```

```
Enter the number:
<INPUT name="num">
<input type="submit" value="submit" name="submit">
</form>
<?php
if($_POST)
$num=$_POST['num'];
$n=$num;
$sum=0; $rem=0;
for(\hat{s}=0;\hat{s}=strlen(\hat{s}num);\hat{s}++){}
$rem=$num%10;
$sum=$sum+$rem;
$num=$num/10;
}
echo"sum of digits $n is $sum";
}
?>
</body>
</html>
```

Assignment 18: Write a program to edit name of customer to "Bob" with cust_no =1, and to delete record with cust_no=3.

```
assign10.php
<HTML>
<BODY>
```

```
<form action="assign10.php" method="POST">
       <input type="submit" name="submit" value="Update">
       <input type="submit" name="submit" value="Delete" >
       <input type="submit" name="submit" value="Show">
</form>
<?php
$con=mysql connect("localhost","root","");
mysql_select_db("imrd06",$con);
if(isset($_POST["submit"])&& $_POST["submit"]=="Delete")
{
       $q="delete from customer where cust_no=3";
       $result=mysql_query($q,$con);
}
if(isset($_POST["submit"])&& $_POST["submit"]=="Update")
{
$q="update customer set cust_name='Bob' where cust_no=1";
mysql_query($q,$con);
}
if(isset($_POST["submit"])&& $_POST["submit"]=="Show")
{
$q="select * from customer";
$result=mysql_query($q,$con);
echo "<TABLE border=2>";
echo"<TR>
       <TD>Cust No</TD>
```

```
<TD>Cust Name</TD>
      <TD>Item Purchased</TD>
      <TD>Mobile</TD>
</TR>";
while($row=mysql_fetch_array($result))
echo"<TR>
      <TD>$row[0]</TD>
      <TD>$row[1]</TD>
      <TD>$row[2]</TD>
      <TD>$row[3]</TD>
</TR>";
}
echo "</TABLE>";
}
?>
</form>
 </BODY>
</HTML>
Assignment 19: Factorial no
<html>
<body>
<form method="POST">
Enter the Number :<br>
<INPUT name="n1">
```

```
<input type="submit" value="submit" name="submit" />
</form>
<?php
if($_POST)
{
$num=$_POST['n1'];
$fact=1;
echo " Factorial of $num <br><br>";
for($i=1;$i<=$num;$i++){
$fact=$fact*$i;
}
echo $fact. "<br>";
}
?>
</body>
</html>
```

Assignment 20 : Dynamic website using php

```
assign12.php

<?php
echo "<h1> Online Mobile Shopping</h1>";
$con=mysql_connect("localhost","root","");
mysql_select_db("imrd",$con);
if(isset($_POST["buy"]))
{
    $model=$_POST["model"];
```

```
qty=$_POST["qty"];
 $q="Update mobileshop set qty=qty-$qty where model='$model'";
$result=mysql_query($q,$con);
}
$q="select * from mobileshop";
$result=mysql_query($q,$con);
echo "<TABLE border=2>";
echo"<TR>
       <TD>Model</TD>
       <TD>Qty</TD>
</TR>";
while($row=mysql_fetch_array($result))
{
echo"<TR>
       <TD>$row[0]</TD>
       <TD>$row[1]</TD>
</TR>";
}
echo "</TABLE>";
?>
<html>
<body>
<form action="assign12a.php" method="post">
<input type="submit" value="Purchase" name="purchase">
</form>
```

```
</body>
</html>
assign12a.php
</ph>

<
```

Assignment 21: Write a program to read employee information like emp_no, emp_name, designation and salary from EMP table and display all this information using table format.

```
assign11.php

<?php

$con=mysql_connect("localhost","root","");

mysql_select_db("imrd",$con);

$q="select * from employee";

$result=mysql_query($q,$con);

echo "<TABLE border=2>";

echo"<TR>
```

```
<TD>emp_no</TD>
       <TD>emp_name</TD>
       <TD>designation</TD>
       <TD>salary</TD>
</TR>";
while($row=mysql_fetch_array($result))
{
echo"<TR>
      <TD>$row[0]</TD>
      <TD>$row[1]</TD>
       <TD>$row[2]</TD>
      <TD>$row[3]</TD>
</TR>";
}
echo "</TABLE>";
```

?>