

## PHP LAB RECORD (2017 admission)

### 1. Check Whether The Given Number Is Armstrong Or Not

```
<html> <body>
  <h2>Enter the Number</h2><br>
  <form action="" method="post">
    <input type="text" name="number" />
    <input type="submit" />
  </form>
</body> </html>

<?php
  if( $_POST )
  {
    $number = $_POST[ 'number' ];
    $temp = $number;
    $sum = 0;
    while( $temp != 0 )
    {
      $rem = $temp % 10; //find reminder
      $sum = $sum + ( $rem * $rem * $rem );
      $temp = $temp / 10;
    }
    if( $number == $sum )
      echo "Armstrong Number";
    else
      echo "Not an Armstrong Number";
  }
?>
```

### 2. Check Whether A Given Number Is Perfect, Abundant Or Deficient.\*/

```
<html><body>
  <h2>Enter the Number</h2><br>
  <form action="" method="post">
    <input type="text" name="number" />
    <input type="submit" />
  </form>
</body></html>

<?php
  if( $_POST )
  {
    $no = $_POST[ 'number' ];
    $sum = 0;
    for ($i = 1; $i < $no; $i++){
      if ($no % $i == 0)
        $sum = $sum + $i;
    }
    if( $sum == $no )
      echo "Perfect Number";
    else if($sum > $no)
      echo "Abundant Number";
    else
      echo "Deficient Number";
  }
?>
```

### 3. Display the Fibonacci series up to a given number

```
<html> <body>
  <h2>Enter the Number</h2><br>
  <form action="" method="post">
    <input type="text" name="number" />
    <input type="submit" />
  </form>
</body> </html>

<?php
if( $_POST )
{
  $first_variable = -1;
  $second_variable = 1;
  $n = $_POST[ 'number' ];
  for($i = 1; $i <= $n; $i++) {
    $current_variable = $first_variable + $second_variable;
    $first_variable = $second_variable;
    $second_variable = $current_variable;
    echo $current_variable . "<br />";
  }
}
?>
```

### 4. Display The Bio Data Of A Person

```
<html> <body>
<form action="" method="POST">
<H1><center>BIO-DATA</center></h1>
Name:<input type=text name="name1"><br>
Address: <textarea name=address1> </textarea><br>
Age: <input type=text name=age1><br>
Mobile: <input type=text name=mobile1><br>
Email: <input type=text name=email1><br>
Qualification:<input type=text name=qualification1><br>
<input type=submit value=Display ><br>
</form> </body> </html>

<?php
if($_POST){
  echo "<h1><center>BIO-DATA</center></h1>";
  echo "Name: " .$_POST["name1"]."<br>";
  echo "Address: " .$_POST["address1"]."<br>";
  echo "Age: " .$_POST["age1"]."<br>";
  echo "Mobile " .$_POST["mobile1"]."<br>";
  echo "Email " .$_POST["email1"]."<br>";
  echo "Qualification " .$_POST["qualification1"]."<br>";
}
?>
```

### 5. Display A List Of Fruits In A List Box

```
<html ><body >
<form action="" method="POST">
Choose Your Favorite Fruit<br><br>
<select name="f">
```

```

<option value=".....">(Please Select)
<option value="Grape">Grape
<option value="Banana">Banana
<option value="Chicku">Chicku
<option value="Apple">Apple
<option value="Oreng">Oreng
<option value="Pine Apple">Pine Apple
</select><br><br>
<input type="submit" value="SELECT">
</form></body></html>

```

```

<?php
if($_POST){
    echo "<h2> You have indicated that you like </h2>";
    echo $_POST['f'];
}
?>

```

## 6. Generate The Pay Slip Of An Employee

```

<html> <head>
<title>Payroll page</title><center><h2>Payroll statments</h2></center>
</head> <body>
<form action="" method="POST">
<table border="0">
<tr><td>Employee Name</td><td><input type="text" name="name"></td>
</tr><tr><td>Designation</td>
<td><select name="desig">
<option >(Please Select)</option>
<option >Manager</option>
<option >Supervisor</option>
<option >Clerk</option>
<option >Peon</option>
</select></td></tr>
<tr>
<td>Basic salary</td><td><input type="text" name="salary"></td></tr>
<tr><td></td><td><input type="submit" value="submit"></td></tr></table>
</form> </body> </html>

```

```

<?php
if($_POST){
$name=$_POST["name"];
$designation=$_POST["desig"];
$basic=$_POST["salary"];
if(is_numeric($basic))
{
if($basic!=NULL)
{
switch($designation)
{
case "Manager":
$hra=($basic*25)/100;
$con=1000;
$extra=500;
$gross=$hra+$con+$extra+$basic;
if($gross<=2000)
$intax=$gross;

```

```

elseif($gross>2000 && $gross<4000)
    $intax=($gross*3)/100;
elseif($gross>4000 && $gross<5000)
    $intax=($gross*5)/100;
elseif($gross>5000)
    $intax=($gross*8)/100;
$net=$gross-$intax;
echo "<b>Employee Name : </b>$ename<br>";
echo "<b>Designation : </b>$designation<br>";
echo "<b>Salar : </b>$net<br>";
break;
case "Supervisor":
    $hra=($basic*25)/100;
    $conv=750;
    $extra=200;
    $gross=$hra+$conv+$extra+$basic;
    if($gross<=2000)
        $intax=$gross;
    elseif($gross>2000 && $gross<4000)
        $intax=($gross*3)/100;
    elseif($gross>4000 && $gross<5000)
        $intax=($gross*5)/100;
    elseif($gross>5000)
        $intax=($gross*8)/100;
    $net=$gross-$intax;
    echo "<b>Employee Name : </b>$ename<br>";
    echo "<b>Designation : </b>$designation<br>";
    echo "<b>Salar : </b>$net<br>";
    break;
case "Clerk":
    $hra=($basic*25)/100;
    $conv=500;
    $extra=100;
    $gross=$hra+$conv+$extra+$basic;
    if($gross<=2000)
        $intax=$gross;
    elseif($gross>2000 && $gross<4000)
        $intax=($gross*3)/100;
    elseif($gross>4000 && $gross<5000)
        $intax=($gross*5)/100;
    elseif($gross>5000)
        $intax=($gross*8)/100;
    $net=$gross-$intax;
    echo "<b>Employee Name : </b>$ename<br>";
    echo "<b>Designation : </b>$designation<br>";
    echo "<b>Salar : </b>$net<br>";
    break;
case "Peon":
    $hra=($basic*25)/100;
    $conv=250;
    $extra=0;
    $gross=$hra+$conv+$extra+$basic;
    if($gross<=2000)
        $intax=$gross;
    elseif($gross>2000 && $gross<4000)

```

```

        $intax=($gross*3)/100;
elseif($gross>4000 && $gross<5000)
        $intax=($gross*5)/100;
elseif($gross>5000)
        $intax=($gross*8)/100;
$net=$gross-$intax;
echo "<b>Employee Name : </b>${name}<br>";
echo "<b>Designation : </b>${designation}<br>";
echo "<b>Salar : </b>${net}<br>";
break;
default:
        echo("Invalid Designation! try again.....");
}
}
}
}
}
?>

```

### 7. Create A Login Page Using Database

```

<html> <head> </head> <body>
<form action="" method="POST">
Username:<input type="text" name="usr"><br><br>
Password:<input type="password" name="pass"><br><br><br>
<input type="submit" value="login">
</form> </body> </html>

<?php
if($_POST){
    $usr1=$_POST['usr'];
    $paswd=$_POST['pass'];
    $con=pg_connect("host=localhost dbname=college user=postgres password=gems");
    if($con){
        echo "Successfully Connected.....";
        $qry="select username,password from login where username='$usr1 and
            password='$paswd'";
        $result=pg_query($con,$qry);
        $nos=pg_num_rows($result);
        if($nos)
            echo " <br> $usr1, You are Logged Successfully...";
        else
            echo "Login Denied";
    }
}
?>

```

### 8. Display The Mark List Of A Student

```

<html> <head> <title>Marklist</title>
</head> <body>
<h3><center>Marksheet</center></h3>
<form method="POST" action="">
<label>Regno:</label><input type="text" name="txtreg"/><br><br><br>
<input type="submit" value="show">
</form> </body> </html>

```

```

<?php
if($_POST){
    $rg=$_POST['txtreg'];
    echo $rg;
    $con =pg_connect("host=localhost dbname=college user=postgres password=gems");
    if($con)
    echo "Successfully Connected...";
    $qry="select * from stud where rollno=$rg";
    $result=pg_query($con,$qry);
    $nos=pg_num_rows($result);
    while($row=pg_fetch_row($result))
    {
        echo "<br>\n";
        echo "rollno: $row[0] name: $row[1] mark: $row[2] grade: $row[3]";
    }
}
?>

```

### 9. Create A Table Product Table And Perform Insert And Display Operations

```

<html> <head> <title>Product</title> </head> <body>
<h1><center>List of Products</center></h1>
<form method="POST" action="">
Item Code:<input type="text" name="icode"/><br><br><br>
Item Name:<input type="text" name="iname"/><br><br><br>
Unit Price:<input type="text" name="iprice"/><br><br><br>
<input type="submit" value="Display">
</form> </body> </html>

```

```

<?php
if($_POST)
{
    $no=$_POST['icode'];
    $name=$_POST['iname'];
    $price=$_POST['iprice'];
    $con=pg_connect("host=localhost dbname=college user=postgres password=gems");
    if($con){
        echo "Successfully Connected.....";
        $qry="insert into product (itemcode,itemname,unitprice) values ($no,
            '$name', $price)";
        $result=pg_query($con,$qry);
        $qry1="select * from product";
        $result1=pg_query($con,$qry1);
        while ($row = pg_fetch_row($result1)) {
            echo "<br>\n";
            echo "itemno: $row[0] itemname: $row[1] unitprice: $row[2]";
        }
    }
}
?>

```

### 10. Perform Delete And Update Operation On Account Table

```

<html><body>
<form action="10 Update.php" method="post">
<h2>Please Select the Operation</h2><br>
To Select <a href="10 Select.php"> <b>Click Here</b></a><br><br>

```

To Delete <a href="10 Delete.php"> <b>Click Here</b></a><br><br>  
 To Update the Balance,<br><br>  
 Enter the Account No. and the Amount<br><br>  
 <input type="text" name ="acc">  
 <input type="text" name="bal">  
 <input type="submit">  
 </form></body> </html>

**File: Delete.php**

```
<html><head> <title>Deleting of data from PHP</title>
</head><body>
<form action="" method="post">
  <h3>Enter the Account No to Delete
  <input type="text" name="reg">
  &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp; &nbsp;
  <br><input type="submit" />
</form> </body> </html>
```

```
<?php
if ($_POST){
$no=$_POST['reg'];
$db=college;
$con = pg_connect("host=localhost dbname=$db user=postgres password=gems");
if ($con) {
  echo '<br><br><br>Successfully Connected to '. $db."<br><br>";
  $qry1="select * from account";
  $qry2="delete from account where accno = $no";
  $result1=pg_query($con, $qry1);
  while ($row = pg_fetch_row($result1)) {
    echo "<br>\n";
    echo "accno: $row[0] name: $row[1] balance: $row[2]";
  }
  echo "<font color=red><br><br>Regno $no is now deleted<br></font>";
  $result2=pg_query($con, $qry2);
  $result1=pg_query($con, $qry1);
  while ($row = pg_fetch_row($result1)) {
    echo "<br>\n";
    echo "accno: $row[0] name: $row[1] balance: $row[2]";
  }
}
}
?>
```

**File: Select.php**

```
<?php
$con = pg_connect("host = localhost dbname = college user = postgres
  password=gems");
$qry="select * from account";
$result=pg_query($con, $qry);
while ($row = pg_fetch_row($result)) {
  echo "<br>\n";
  echo "accno: $row[0] &nbsp; name: $row[1] &nbsp; balance: $row[2]";
}
?>
```

**File: Update.php**

```
<?php
if($_POST){
$bln=$_POST['bal'];
$no=$_POST['acc'];
$db=college;
$con = pg_connect("host=localhost dbname=$db user=postgres password=gems");
if ($con) {
    echo '<br><br><br>Successfully Connected to ' . $db."<br><br>";
    $qry1="select * from account";
    $qry2="update account SET balance=$bln where accno = $no";
    $result1=pg_query($con, $qry1);
    while ($row = pg_fetch_row($result1)) {
        echo "<br>\n";
        echo "accno: $row[0] name: $row[1] balance: $row[2]";
    }
}

echo "<font color=red><br><br>Database Changed<br></font>";
$result2=pg_query($con, $qry2);
$result1=pg_query($con, $qry1);
while ($row = pg_fetch_row($result1)) {
    echo "<br>\n";
    echo "accno: $row[0] name: $row[1] balance: $row[2]";
}
}
?>
```

**11. To Store Current Date/Time In A Cookie And Display The Last Visited On Date/Time**

```
<html> <body bgcolor="yellow">
<center><h2> Last visited time on the web page</h2></center>
<br>
<?php
$intm = 60 * 60 * 24 * 60 + time();
setcookie('lastVisit', date("G:i - m/d/y"), $intm);
if(isset($_COOKIE['lastVisit']))
{
    $visit = $_COOKIE['lastVisit'];
    echo "Your last visit was - ". $visit;
}
else
echo "You have got some state cookies!";
?>
</body> </html>
```

**12. Login Screen Using Sessions**

```
<?php
    ob_start();
    session_start();
?>
<html>
<head>
</head>
<body>
<form action="" method="POST">
```



```

Username:<input type="text" name="usr"><br><br>
Password:<input type="password" name="pass"><br><br><br>
<input type="submit" value="login"><br><br><br>
Click here to clean <a href = "12 Session Logout.php" >Session</a>
<br><br><br><br></form>
</body>
</html>

```

```

<?php
if($_POST){
    $usr1=$_POST['usr'];
    $paswd=$_POST['pass'];
    $con=pg_connect("host=localhost dbname=college user=postgres password=gems");
    if($con){
        echo "Successfully Connected.....";
        $qry="select username,password from login where username='$usr1' and
password='$paswd'";
        $result=pg_query($con,$qry);
        $nos=pg_num_rows($result);
        if($nos)
            echo " <br> $usr1, You are Logged Successfully...";
        else
            echo "Login Denied";
    }
}
?>

```

#### **File: Session Logout.php**

```

<?php
    session_start();
    unset($_SESSION["usr"]);
    unset($_SESSION["pass"]);

    echo "You have cleaned session<br><br>";
    echo "Redirect within 5 Seconds.....";
    header('Refresh: 4; URL = 12 Session.php');
?>

```

### **13. Perform Array Operations**

```

<html> <body>
<h2>Array Operations</h2><br>
<form action="" method="post">
<?php
echo "<br><input type=radio name=arr value=dis>Display Array";
echo "<br><input type=radio name=arr value=srt>Sorted Array";
echo "<br><input type=radio name=arr value=usrt>Without Duplicate";
echo "<br><input type=radio name=arr value=pop>Delete Last";
echo "<br><input type=radio name=arr value=rev>Array Reverse";
echo "<br><input type=radio name=arr value=sear>Array Search";
echo "<br><input type=Submit>";

$names = array("Raju", "Kiran", "Vani", "Basheer", "Kumar", "Jhon", "Shani",
"Maaran", "Kiran", "Sukumaran");
?>
</body> </html>

```

```

<?php
if($_POST)
{
$val=$_POST['arr'];
switch($val)
{
    case "dis":
        foreach($names as $value)
            echo "<br>".$value;
        break;
    case "srt":
        sort($names);
        foreach($names as $value)
            echo "<br>".$value;
        break;
    case "usrt":
        $uarray=array_unique($names);
        foreach($uarray as $value)
            echo "<br>".$value;
        break;
    case "pop":
        array_pop($names);
        foreach($names as $value)
            echo "<br>".$value;
        break;
    case "rev":
        $revarr=array_reverse($names);
        foreach($revarr as $value)
            echo "<br>".$value;
        break;
    case "sear":
        echo "<br>".array_search("Jhon",$names,true);
        break;
}
}
?>

```

#### 14. Program Using Keygen HTML Element

```

<html> <head> <title>Example of HTML keygen Tag</title>
</head> <body>
    <form action="" method="post">
    Username: <input type="text" name="username">
    Encryption: <keygen name="key">
        <input type="submit" value="Submit">
    </form>
    <p><strong>Note:</strong> The keygen tag is not supported in Internet
    Explorer.</p>
</body> </html>

<?php
if($_POST){
    echo"Two Keys were Generated<br><br>";
    echo "The Private Key stored locally, and the Public Key is sent to the server";
}
?>

```

## 15. Accept Five Cities And The Temperature And Display Graphically

```
<html> <body>
  <h2>Enter five Cities and their Temperatures</h2><br>
  <form action="" method="post">
    City1<input type="text" name="city1" /> &nbsp; &nbsp; &nbsp; &nbsp;
    Temp1<input type="text" name="temp1" /> <br><br>
    City2<input type="text" name="city2" /> &nbsp; &nbsp; &nbsp; &nbsp;
    Temp2<input type="text" name="temp2" /> <br><br>
    City3<input type="text" name="city3" /> &nbsp; &nbsp; &nbsp; &nbsp;
    Temp3<input type="text" name="temp3" /> <br><br>
    City4<input type="text" name="city4" /> &nbsp; &nbsp; &nbsp; &nbsp;
    Temp4<input type="text" name="temp4" /> <br><br>
    City5<input type="text" name="city5" /> &nbsp; &nbsp; &nbsp; &nbsp;
    Temp5<input type="text" name="temp5" /> <br><br>
    <input type="submit" />
  </form>
</body> </html>

<?php
  if($_POST){
    $cty1=$_POST['city1'];
    $tmp1=$_POST['temp1'];
    $cty2=$_POST['city2'];
    $tmp2=$_POST['temp2'];
    $cty3=$_POST['city3'];
    $tmp3=$_POST['temp3'];
    $cty4=$_POST['city4'];
    $tmp4=$_POST['temp4'];
    $cty5=$_POST['city5'];
    $tmp5=$_POST['temp5'];

    echo "$cty1 &nbsp; &nbsp; &nbsp; &nbsp;";
    echo"<meter min=0 low=40 high=90 max=100 value=$tmp1></meter>";
    echo "$tmp1<br>";
    echo "$cty2";
    echo"<meter min=0 low=40 high=90 max=100 value=$tmp2></meter>";
    echo "$tmp2<br>";
    echo "$cty3";
    echo"<meter min=0 low=40 high=90 max=100 value=$tmp3></meter>";
    echo "$tmp3<br>";
    echo "$cty4";
    echo"<meter min=0 low=40 high=90 max=100 value=$tmp4></meter>";
    echo "$tmp4<br>";
    echo "$cty5";
    echo"<meter min=0 low=40 high=90 max=100 value=$tmp5></meter>";
    echo "$tmp5<br>";
  }
?>
```

## 16. Program To Uploading File Of A Type With A Specified Size

```
<html> <body>
  <form action = "" method = "POST" enctype = "multipart/form-data">
    Select a File <input type = "file" name = "image" />
    <input type = "submit"/>
  </form> </body></html>
```

```
<?php
if(isset($_FILES['image'])){
    echo "File Name: ".$_FILES['image']['name']."<br>";
    echo "File Size: ".$_FILES['image']['size']."<br>";
    echo "File Type: ".$_FILES['image']['type']."<br>";
    echo "<br>Success Uploaded.....";
}
?>
```

an double OS