

College of Applied Science, Thamarassery
Vth Semester BCA/BSc
PHP

Program 12

Create a PHP program to display the bio data of a person by reading the personal details using an HTML page.

```
<html>
<body>
<h1 align="center">BIO DATA</h1>
<form action="" method="post">
Name:<input type="text" name="name" /><br>
Date of birth :<input type="text" name="dob" /><br>
Gender :<input type="radio" name="gender" value="male"> Male
<input type="radio" name="gender" value="female"> Female<br>
Educational qualification : <select name="qualification">
<option value="Plus Two">Plus Two</option>
<option value="Degree">Degree</option>
<option value="PG">PG</option>
</select><br>
Name of father :<input type="text" name="fname" /><br>
Name of mother :<input type="text" name="mname" /><br>
Phone number:<input type="number" name="phone"><br>
<input type="submit" value="Submit" /><br>
</form>
</body>
</html>
```

```
<?php
if($_POST)
{
    $name=$_POST['name'];
    $dob=$_POST['dob'];
    $gender=$_POST['gender'];
    $qualification=$_POST['qualification'];
```

```

$fname=$_POST['fname'];
$mname=$_POST['mname'];
$phone=$_POST['phone'];
echo "<br><br><b>Personal Details<br>";
echo ".....<br>";
echo "Name : $name <br>";
echo "Date of Birth : $dob <br>";
echo "Gender : $gender <br>";
echo "Qualification : $qualification <br>";
echo "Name of father : $fname <br>";
echo "Name of mother : $mname <br>";
echo "Phone number : $phone <br><b>";
}
?>

```

Program 13

Write a PHP function to reverse a string

```

<html>
<body>
<form action="" method="post">
Enter the string :<input type="text" name="str" /><br>
<input type="submit" value="Reverse" /><br>
</form>
</body>
</html>

<?php
if($_POST)
{
    $str=$_POST['str'];
    reverse($str);
}
function reverse($str)
{
    $length = strlen($str);

```

```

        for ($i=($length-1) ; $i >= 0 ; $i--)
        {
            echo $str[$i];
        }
    }
?>

```

Program 14

Write a PHP program to check whether a given number is perfect, abundant or deficient.

```

<html>
<body>
<h3>Enter the Number</h3><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";
}

```

```
}  
?>
```

Program 15

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'];  
    $con=pg_connect("host=localhost dbname=college user=postgres  
password=root");  
    if($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";
}
}
?>

```

Program 16

Create a table student with fields roll no, name, mark, grade. Insert some records in the table. Write a PHP program to display the mark list of a student by accepting the register no of the student.

```

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

<?php
if($_POST)
{
    $rg=$_POST['reg'];
    $con =pg_connect("host=localhost dbname=college user=postgres
password=root");
    if($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] <br> name: $row[1] <br> mark: $row[2] <br> grade:
$row[3]";
}
}
?>

```

Program 17

Write a PHP application to generate the pay slip of an employee by accepting name, basic salary and designation. The net salary will be calculated based on the following conditions.

Designation conveyance extra allowance allowance Manager 1000 500 Supervisor 750 200 Clerk 500 100 Peon 250	Income tax Gross upto 2500 0 Gross upto 4000 3% Gross upto 5000 5% Gross >5000 8%
HRA – 25 %	Gross= basic + HRA + conveyance + extra
	Net = Gross – Income tax

employee.html

```
<html>
<head>
<title>Employee details</title>
</head>
<body>
<form action="payslip.php" method="post">
<center><h1>Employee details</h1></center>
<br><br><br>
<table align="center">
<tr>
<td>Employee Name</td>
<td><input type="text" name="nam"></td>
</tr>
<tr>
<td>Employee designation</td>
<td><select name="design">
<option selected value="Manager">Manager</option>
<option value="Supervisor">Supervisor</option>
<option value="Clerk">Clerk</option>
<option value="Peon">Peon</option></select>
</td></tr>
<tr>
<td>Basic Salary</td>
<td><input type="text" name="sal"></td></tr>
<tr></tr>
<tr><td></td><td><input type="submit" value="SUBMIT">
</td></tr>
</table>
</form>
</body>
</html>
```

payslip.php

```
<html>
```

```
<head><title>employee salary</title></head>
```

```
<body>
```

```
<?php
```

```
$na=$_POST["nam"];
```

```
$des=$_POST["design"];
```

```
$basic=$_POST["sal"];
```

```
switch($des)
```

```
{
```

```
case 'Manager':
```

```
$ca=1000;
```

```
$ea=500;
```

```
break;
```

```
case 'Supervisor':
```

```
$ca=750;
```

```
$ea=200;
```

```
break;
```

```
case 'Clerk':
```

```
$ca=500;
```

```
$ea=100;
```

```
break;
```

```
case 'Peon':
```

```
$ca=250;
```

```
$ea=0;
```

```
break;
```

```
}
```

```
$hra=0.25*$basic;
```

```
$gross=$basic+$ca+$ea+$hra;
```

```
if($gross>5000)
```

```
$it=$gross*0.08;
```

```
else if($gross>4000)
```

```
$it=$gross*0.05;
```

```
else if($gross>2500)
```

```
$it=$gross*0.03;
```

```
else
```



```
$it=0;  
$net=$gross-$it;
```

```
echo "<table border=1 rules=all width=50%>
```

```
<tr><td colspan=2 align=center><strong>PAYSALIP</strong></td></tr>
```

```
<tr>  
<td width=50%>Employee Name</td>  
<td width=50%>$na</td>
```

```
</tr>
```

```
<tr>  
<td width=50%>Designation</td>  
<td width=50%>$des</td>  
</tr>
```

```
<tr bgcolor=eeeeee>  
<td>Salary Component</td><td>Amount(in Rs)</td></tr>
```

```
<tr>  
<td>Basic Salary</td>  
<td>$basic</td>  
</tr>
```

```
<tr>  
<td>Conveyance Allowance</td>  
<td>$ca</td>  
</tr>
```

```
<tr>  
<td>extra allowance</td>  
<td>$ea</td>  
</tr>
```

```
<tr>  
<td>House rent allowance</td>  
<td>$hra</td>
```

```
</tr>
```

```
<tr bgcolor=eeeeee>
<td>Gross Salary</td>
<td>$gross</td>
</tr>
```

```
<tr bgcolor=eeeeee>
<td>Income tax Deduction</td>
<td>$it</td>
</tr>
```

```
<tr bgcolor=eeeeee>
<td><strong>Net Salary</strong></td>
<td><h3>$net</h3></td>
</tr>
```

```
</table>";
```

```
?>
```

```
<input type=button name=click value="prepare another payslip" onclick= "parent.location
='employee.html' ">
```

```
</body>
```

```
</html>
```

Program 18

PHP program to store current date-time in a cookie and display the Last visited date-time on the web page upon revisiting the same web page.

```
<html>
<body bgcolor="yellow">
<h2> Last visited time on the web page</h2>
<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>
```

Program 19

Create a table product with fields itemcode, itemname, unitprice. Write PHP program to insert 5 records into the table and display it in a table format.

stock_form.html

```
<html>
<head>
<title>Stock details</title>
</head>
<body>
<form action="stock.php" method="post">
<center>
<h1>Stock Details</h1>
<table>
<tr>
<td>Item code</td>
<td><input type="text" name="code"></td>
</tr>
<tr>
<td>Item name</td>
<td><input type="text" name="name"></td>
</tr>
<tr>
<td>Price</td>
<td><input type="text" name="price"></td>
</tr>
```

```

<tr>
<td></td>
<td><input type="submit" value="SUBMIT"></td>
</tr>
</table>
</center>
</form>
</body>
</html>
<html>
<body>

```

stock.php

```

<html>
<body>
<?php
$code=$_POST['code'];
$name=$_POST['name'];
$price=$_POST['price'];
$con=pg_connect("host=localhost dbname=db user=postgres password=root") or
die("Cannot Connect");
$sql="INSERT INTO stock VALUES('$code','$name','$price')";
$res=pg_query($con,$sql);
if($res){
echo "New record created successfully";
}
else
{
echo "Cannot insert".pg_last_error();
exit(0);
}
$sql="SELECT * from stock";
$result=pg_query($con,$sql);
if(!$result){
echo "Could not run query:".pg_last_error();
}
echo"<h2>INVENTORY DETAILS</h2>";
echo "<br>";

```

```

echo "<table border=2>
<tr>
<th>Item code</th>
<th>Item Name</th>
<th>unit price</th>
</tr><tr>";
while($row=pg_fetch_row($result))
{
echo "<tr><td>$row[0]</td><td>$row[1]</td><td>$row[2]</td></tr>";
}
?>
<form>
<input type="button" name="click" value="Insert again"
onclick="parent.location='stock_form.html'">
</body>
</form>
</html>

```

Program 20

Create a table bank with the following fields accno, cust_name, balance. Insert some Records. Design HTML page to accept Account Number and amount using TextBoxes and type of transaction (Deposit or Withdrawal) using Radio Button. Write PHP program to update balance according to the transaction

```

<html>
<head></head>
<body>
<form action="" method="post">
<h1 align=center>BANK BALANCE</h1>
<br><br><table align=center>
<tr><td>Account number : </td><td><input type="text" name="number"></td></tr>
<tr><td>Amount : </td><td><input type="text" name="amount"></td></tr>
<tr><td>Type of Transaction: </td><td><input type="radio" name="transaction"
value="deposit">Deposit
<input type="radio" name="transaction"
value="withdrawal">Withdrawal</td></tr>
<tr><td></td><td><input type="submit" value="UPDATE"></td></tr></table>

```

```

</form>
</body>
</html>
<?php
if($_POST)
{
    $accno=$_POST['number'];
    $amount=$_POST['amount'];
    $transaction=$_POST['transaction'];
    $con=pg_connect("host=localhost dbname=db user=postgres password=root") or
die("Cannot Connect");
    if($con)
    {
        $qry="select * from bank where accno='$accno'";
        $result=pg_query($con,$qry);
        while($row=pg_fetch_row($result))
        {
            $oldbalance=$row[2];
            echo "<table border=1 align=center>
<tr><th colspan=2>OLD BANK BALANCE</th></tr>
<tr><td>Account No</td><td>$row[0]</td></tr>
<tr><td>Balance</td><td>$row[2]</td></tr>
</table><br>";
            if($transaction=="withdrawal")
            {
                $newbalance=$oldbalance-$amount;
                $updateqry="UPDATE bank set balance='$newbalance' where accno='$accno'";
                $updateresult=pg_query($con,$updateqry);
                if($updateresult)
                {
                    //echo "Updated Bank Balance=$newbalance";
                    echo "<table border=1 align=center>
<tr><th colspan=2>NEW BANK BALANCE</th></tr>
<tr><td>Account No</td><td>$row[0]</td></tr>
<tr><td>Balance</td><td>$newbalance</td></tr>
</table>";
                }
            }
            else
            {

```

```

        echo "Updation Failed";
    }
}
else
{
    $newbalance=$oldbalance+$amount;
    $updatequery="update bank set balance='$newbalance' where accno='$accno'";
    $updateresult=pg_query($con,$updatequery);
    if($updateresult)
    {
        echo "<table border=1 align=center>
        <tr>
        <th colspan=2>NEW BANK BALANCE</th>
        </tr>
        <tr>
        <td>Account Number</td>
        <td>$row[0]</td>
        </tr>
        <tr>
        <td>Balance</td>
        <td>$newbalance</td>
        </tr>
        </table>";
    }

}
}
}
?>

```

Program 21

Write an HTML page to display a list of fruits in a list box. Write a php program to display the selected fruits in a webpage.

```

<html>
<body>
<form action="" method="POST">
Choose Your Favorite Fruit
<select name="f">
<option value="">(Please Select)</option>
<option value="Grape">Grape</option>
<option value="Banana">Banana</option>
<option value="Chicku">Chicku</option>
<option value="Apple">Apple</option>
<option value="Orange">Orange</option>
<option value="Pine Apple">Pine Apple</option>
</select>
<input type="submit" value="SELECT">
</form>
</body>
</html>
<?php
if($_POST)
{
    echo "<h2> You have indicated that you like " .$_POST['f']. "</h2>";
}
?>

```

Program 22

Write a PHP program to create an array and store 10 names in the array. Do the following operations.

- a. Display the contents using for each statement.
- b. Display the array in a sorted order.
- c. Display the array without the duplicate elements
- d. Remove the last element and display
- e. Display the array in reverse order
- f. Search an element in the given array.

```

<html>

```



```

<body>
<h2>Array Operations</h2>
<form action="" method="post">
  <input type="radio" name="arr" value="dis">Display Array<br>
  <input type="radio" name="arr" value="srt">Sorted Array<br>
  <input type="radio" name="arr" value="usrt">Without Duplicate<br>
  <input type="radio" name="arr" value="pop">Delete Last<br>
  <input type="radio" name="arr" value="rev">Array Reverse<br>
  <input type="radio" name="arr" value="sear">Array Search<br>
  <input type="Submit"><br>
</body>
</html>
<?php
$names=array("Raju","Kiran","Anu","Basheer","Athul","Jhon","Akhil","Athira",
"Kiran","Sivan");
if($_POST)
{
  $val=$_POST['arr'];
  switch($val)
  {
    case "dis" : echo "<h2>Display Array</h2>";
                foreach($names as $value)
                  echo "<br>".$value;
                break;
    case "srt" : echo "<h2>Sorted Array</h2>";
                sort($names);
                foreach($names as $value)
                  echo "<br>".$value;
                break;
    case "usrt": echo "<h2>List unique Array elements</h2>";
                $uarray=array_unique($names);
                foreach($uarray as $value)
                  echo "<br>".$value;
                break;
    case "pop" : echo "<h2>Delete last element</h2>";
                array_pop($names);

```

```

        foreach($names as $value)
        echo "<br>".$value;
        break;
    case "rev" : echo "<h2>Reverse Array</h2>";
        $revarr=array_reverse($names);
        foreach($revarr as $value)
        echo "<br>".$value;
        break;
    case "sear": echo "<h2>Search Array element</h2>";
        echo "<br>Element deleted at
index".array_search("Jhon",$names,true);

        break;
    }
}
?>

```

Program 23

Display Multiplication table using PHP and AJAX

mul.php

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Multiplication</title>
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
</head>
<body>
<input type="number" placeholder="Enter number" id="number"
onblur="mul(this.value)">
<table border="1" align="center" style="text-align:center;">

```

```

<tbody id="mul"></tbody>
</table>
</body>
</html>
<script>
function mul(value)
{
$.ajax({
dataType : "json",
method:"POST",data:{value:value},
url:"ajax.php",
success:function(data)
{
$("#mul").html(data.result)
}
})
}
</script>

```

ajax.php

```

<?php
$html="";
$number = $_POST['value'];
$html.="<tr><td colspan='2'>Multiplication".$number."</td></tr>";
for($j=1;$j<=10;$j++)
{
$html.="<tr><td>".$j." * ".$number." = ".$number*$j."</td></tr>";
}
echo json_encode(array('result'=>$html));
?>

```

Program 24

Write a PHP script to upload the file to the server through HTML Page

```

<!DOCTYPE html>
<html>

```

```
<body>
<form method="POST" enctype="multipart/form-data">
  Select a file to upload: <br><br>
  <input type="file" name="fileToUpload" id="fileToUpload">      <br><br>
  <input type="submit" value="Upload File" name="submit">
</form><br><br>

<?php
$target_dir = "../PHP/uploadedfiles/";
$target_file = $target_dir . basename($_FILES["fileToUpload"]["name"]);

if(move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $target_file)) {

    echo "The file ". htmlspecialchars( basename(
$_FILES["fileToUpload"]["name"])). " has been uploaded.";
}
else {
    echo "No file selected .";
}

?>

</body>
</html>
```
