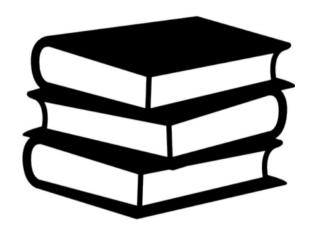
### Lab Report | Programming Assignment



## PHP Laboratory

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Department of Computer Science & Engineering

PHP: Hypertext Processor Programs

PHP: Lab Workbook

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#### Program: 1 Hello World

```
<?php
     echo "Hello World!";
?>
```

#### Program: 2 Comment in a PHP code

```
<?php
    // This is a single line comment
    # This is also a single line comment
    /* This is a multiline
    comment and it can spread over several
    lines */
?>
```

#### Program: 3 PHP function to find factorial of a number

```
<?php
    function factorial(int n){
        if(n==1)
            return 1;
        else
            return n*factorial(n-1);
    }
    $x = factorial(5);
    echo $x;</pre>
```

### <u>Program:4 Write a PHP script to check whether given year is leap or not</u>

### <u>Program:5 Write a PHPscript to print values from an array using for each loop.</u>

```
<?php
    $colors = array("red", "green", "blue");
    foreach($colors as $value){
        echo "$value <br>";
    }
?>
```

# <u>Program:6 Write a PHP script to print a string (Make use of all string functions in PHP such as strlen(),</u> str word count(), strrev(), strpos(), and str replace())

```
<?php
    echo strlen("Hello world!");
    echo str_word_count("Hello world!");
    echo strrev("Hello world!");
    echo strpos("Hello world!", "world");
    echo str_replace("world", "Dolly", "Hello world!");
?>
```

#### Program:7 Write a PHP script to understand \$\_GET and \$\_POST method

#### <u>Program: 8 Write a PHP script to find gross salary of an employee when user submit basic pay using an HTML form</u>

### <u>Program: 9 Write a PHP script to work as a calculator using</u> an HTML form

```
<input type="submit">
     </form>
     <?php
           if(isset($_POST["x"]) && isset($_POST["y"]) &&
isset($_POST["op"])){
                $x=$_POST["x"];
                $y=$_POST["y"];
                if($_POST["op"]=="+")
                      $ans=$x+$v
                elseif($_POST["op"]=="-")
                      $ans=$x-$y
                elseif($_POST["op"]=="*")
                      $ans=$x*$y
                elseif($_POST["op"]=="/")
                      $ans=$x/$y
                echo "The Output is: $ans";
           }
     2>
</body></html>
```

# Program: 10 Write an HTML form having one input field for full name of client with one submit button and after submitting this form prints "Hello, \*Client name"

### <u>Program: 11 Write an HTML code to create a user registration</u> form having at least 8 fields

### <u>Program: 12 Write a PHP script to show user details submitted by an HTML form</u>

```
<html><bodv>
     <form action="main.php" method="post">
          Enter First Name: <input type="text" name="a1"><br>
          Enter ID: <input type="text" name="a2"><br>
          Enter Phone: <input type="text" name="a3"><br>
          Enter Aadhar No.: <input type="text" name="a4"><br>
          Enter Middle Name: <input type="text" name="a5"><br>
          Enter Last Name: <input type="text" name="a6"><br>
          Enter e-mail: <input type="text" name="a7"><br>
          <input type="submit">
     </form>
     <?php
          if(isset($_POST["a1"]) && isset($_POST["a2"]) &&
isset($_POST["a3"]) && isset($_POST["a4"]) && isset($_POST["a5"]) &&
isset($_POST["a6"]) && isset($_POST["a7"])){
                $x=$_POST["x"];
                echo "Hello, $x";
                echo "Your registration form has been successfully been
archived.
     2>
</body></html>
```

### <u>Program: 13 Write a PHP script to sort an array using PHP functions such as sort(),rsort(),ksort(),arsort(),kr\_sort().</u>

#### Program: 14 Write a PHP script to show the use of \$ GLOBAL, \$ SERVER, \$ REQUEST.

```
<?php
     $x=75;
     y=25;
     function add(){
           $GLOBALS['z']=$GLOBALS['x']+$GLOBALS['y'];
     }
     add();
     echo "$z";
     echo $_SERVER['PHP_SELF'];
?>
<html><body>
<form method="post" action="<?php echo $_SERVER['PHP_SELF'];?>">
     Name:<input type="text" name="fname">
     <input type="submit">
</form>
<?php
     if($_SERVER["REQUEST_METHOD"]=="POST"){
           $name=$_REQUEST['fname'];
           if(empty($name)) {
                echo "Name is empty";
           }else{
                 echo $name;
           }
     }
?>
</body></html>
?>
```

### <u>Program: 15 Write a PHP script to demonstrate PHP data and time function</u>

```
<?php
    date_default_timezone_set("America/New_york";)
    echo "Today is ".date(Y/m/d)."<br>";
    echo "The time is ".date("h:i:sa");
?>
```

### <u>Program: 16 Write a PHP script to demonstrate session</u> variables and cookie variables

```
<?php
session_start();</pre>
```

```
$_SESSION["email"]="noname@email.com";
$_SESSION["pass"]="123456789";
session_unset();
session_destroy();

$cookie_name="user";
$cookie_value="JOHN";
setcookie($cookie_name, $cookie_value, time()+ (86400*30), "/"); //Before <html> tag
?>
```

# Program: 17 Write a PHP script with MYSQL command to make a connection with database server and to select a particular database.

### <u>Program: 18 Write a PHP script with MYSQL command to insert five row in database using html form.</u>

```
$servername="localhost";
          $username="username";
          $password="password";
           $conn=mysqli_connect($servername, $username, $password);
           if(!$conn){
                die("Connection failed".mysqli_connect_error());
          }
          echo "Connected successfully";
          $sql = "use Databasenumber4";
          if($conn->query($sql)===TRUE){
                echo "Database selected successfully";
           }else{
          echo "Error selecting database: ".$conn->error;
          $sql = "INSERT INTO Employee VALUES ($_POST["a1"]),
$_POST["a2"], $_POST["a3"], $_POST["a4"]), $_POST["a5"])";
          echo "Your registration form has been successfully been
archived.";
          $conn->close();
     ?>
</body></html>
```

### <u>Program: 19 Write a PHP script withMYSQL command to view the</u> values from the database in tabular format.

```
<html><body>
     <form action="main.php" method="post">
          Enter First Name: <input type="text" name="a1"><br>
          Enter ID: <input type="text" name="a2"><br>
          Enter Phone: <input type="text" name="a3"><br>
          Enter Aadhar No.: <input type="text" name="a4"><br>
          Enter Middle Name: <input type="text" name="a5"><br>
           <input type="submit">
     </form>
     <?php
           if(isset($_POST["a1"]) && isset($_POST["a2"]) &&
isset($_POST["a3"]) && isset($_POST["a4"]) && isset($_POST["a5"])){
          $x=$_POST["x"];
          echo "Hello, $x";
           $servername="localhost";
           $username="username";
          $password="password";
          $conn=mysqli_connect($servername, $username, $password);
                die("Connection failed".mysqli_connect_error());
           }
          echo "Connected successfully";
          $sql = "use Databasenumber4";
          if($conn->query($sql)===TRUE){
                echo "Database selected successfully";
          }else{
           echo "Error selecting database: ".$conn->error;
```

#### <u>Program: 20 Write a PHP script with MYSQL command to delete</u> <u>and update the values using HTML form.</u>

```
<html><body>
     <form action="main.php" method="post">
          Enter First Name: <input type="text" name="a1"><br>
          Enter ID: <input type="text" name="a2"><br>
          Enter Phone: <input type="text" name="a3"><br>
          Enter Aadhar No.: <input type="text" name="a4"><br>
          Enter Middle Name: <input type="text" name="a5"><br>
          <input type="submit">
     </form>
     <?php
          if(isset($_POST["a1"]) && isset($_POST["a2"]) &&
isset($_POST["a3"]) && isset($_POST["a4"]) && isset($_POST["a5"])){
          $x=$_POST["x"];
          echo "Hello, $x";
          $servername="localhost";
          $username="username";
          $password="password";
          $conn=mysqli_connect($servername, $username, $password);
          if(!$conn){
                die("Connection failed".mysqli_connect_error());
          }
          echo "Connected successfully";
          $sql = "use Databasenumber4";
           if($conn->query($sql)===TRUE){
                echo "Database selected successfully";
           echo "Error selecting database: ".$conn->error;
          $sql = "delete from Employee where a1="Jishan"";
          mysqli_query($sql, $conn);
          $sql = "update Employee set a1="JISHAN" where a1="jishan"";
          mysqli_query($sql, $conn);
          $conn->close();
     ?>
</body></html>
```

#### Program: 21 Register.php

```
<html><head><title> Register</title>
<style type="text/css">
body{
      background-color:#eee;
     text-align:center;
     margin:0px;
}
#top{
     height:100px;
     width:900px;
     margin:0px auto;
     background: #BECF74 url(images/img-top2.jpg) repeat-x;
     border:1px solid blue;
     text-color:yellow;
     line-height:22px;
}
#middle{
     margin:0px auto;
     width:900px;
     height:400px;
     background-color:gray;
}
#left{
     float:left;
     style:overflow;
     padding:50px;
     width:500px;
     height:300px;
     background-color:gray;
}
#right{
     float:right;
     width:270px;
     height:370px;
     text-align:right;
     margin:0px;
     background-color:green;
}
#bottom{
     clear:both;
     margin:0px auto;
     height:100px;
     width:900px;
     background: #BECF74 url(images/img02.jpg) repeat-x;
     border:1px solid green;
}
#menu{
     height:50px;
     width:900px;
     margin:0px auto;
     background-color:pink;
     border:1px solid blue;
```

```
text-align:left;
     text-color:yellow;
     padding:1px 0px;
     background: #BECF74 url(images/img02.jpg) repeat-x;
}
#menu li{
     display:inline;
     padding:0 20px;
     line-height: 32px;
}
</style>
<!--<li>k rel="stylesheet" type="text/css" href="default.css" /> <meta
name="keywords" content="" /><meta name="description" content="" />
--></head><body><div id="top"><h1>Manit Social Networking Site</h1></div>
<div id="menu">
     <11>
           <a href="index.php">Home</a>
           <a href="reg.php">Registration</a>
           <a href="blog.php">Blog</a>
           <a href="login.php">Login</a>
     </div>
<div id="middle">
<?php
     $con=mysqli_connect("localhost", "root", "", "php");
     if(!$con){echo "connection error";}
     if(isset($_POST['ok'])){
           $x=$_POST['id'];
           $y=$_POST['password'];
           $z=$_POST['fullname'];
           $a=$_POST['age'];
           $b=$_POST['gender'];
           $c=$ POST['no'];
           $d=$_POST['address'];
           $e=$_POST['email'];
           $fn=$_FILES['img']['name'];
           $extensions= array("jpeg","jpg","png");
           $file_ext=strtolower(end(explode('.',$_FILES['img']['name'])));
           if(in_array($file_ext,$extensions)=== false){
                   echo "extension not allowed, please choose a JPEG or PNG
file.";
       else{
             $new="uploads/".rand(1,1000)."_".time()."_".$_FILES['img']
['name'];
             move_uploaded_file($_FILES['img']['tmp_name'],$new);
     $w=mysql_query("insert into user
values('{$x}','{$y}','{$z}','{$a}','{$b}','{$c}','{$d}','{$e}','{$new}')",
$con);
     if(!$w){
           echo "database error";}
     else{
           echo "You have registered successfully
```

```
<a href=\"login.php\">Login</a>" ;}}}
else{
    echo "
<h1 align=\"center\" > registration form </h1>
    <form action =\"reg.php\" method=\"POST\" enctype=\"multipart/form-</pre>
data\">
    <label for =\"id\">user id</label>
    <input type =\"text\" name=\"id\"
required><label for
=\"password\">password</label><input type =\"text\"
<label for =\"fullname\">Full Name</label><input type
=\"text\" name=\"fullname\" required>
    <label for =\"age\">Age</label><input type =int
name=\"age\" required>
    <label for =\"gender\">Sex</label><input type
=\"text\" name=\"gender\" required></p</tr><label for
=\"no\">Contact no</label><input type =\"text\" name=\"no\"
required><label for
=\"address\">Address</label><input type =\"text\" name=\"address\"
required><label for =\"email\">Email
id</label><input type =\"text\" name=\"email\"
required>
  <label for =\"img\">Upload Image</label>
    <input type =\"file\" name=\"img\" required>
    <input type =\"submit\" name=\"ok\" value
=\"submit\">
    </form>
}
?>
<a name="anchor-bottom"></a><?php</pre>
/*
<table border="1px" align="center" cellpadding="3px" cellspacing="1px"
bgcolor="green">
sch. no.
student Name
student
result111rampass
*/
?>
</div>
<div id="bottom"><?php include("bottom.php");?></div>
</body>
</html>
```

#### Program: 22 index.php

```
<html>
<head>
<title> Manit Social Networking Site </title>
<style type="text/css">
body{
      background-color:#eee;
     text-align:center;
     margin:0px;
}
#top{
     height:100px;
     width:900px;
     margin:0px auto;
     background: #BECF74 url(images/img-top2.jpg) repeat-x;
     border:1px solid blue;
     text-color:yellow;
     line-height:22px;
}
#middle{
     margin:0px auto;
     width:900px;
     height:400px;
     background-color:gray;
#left{
     float:left;
     style:overflow;
     padding:50px;
     width:500px;
     height:300px;
     background-color:gray;
}
#right{
     float:right;
     width:270px;
     height:370px;
     text-align:right;
     margin:0px;
     background-color:green;
}
#bottom{
     clear:both;
     margin:0px auto;
     height:100px;
     width:900px;
     background: #BECF74 url(images/img02.jpg) repeat-x;
     border:1px solid green;
}
#menu{
     height:50px;
     width:900px;
     margin:0px auto;
     background-color:pink;
```

```
border:1px solid blue;
     text-align:left;
     text-color:vellow;
     padding:1px 0px;
     background: #BECF74 url(images/img02.jpg) repeat-x;
}
#menu li{
     display:inline;
     padding:0 20px;
     line-height: 32px;
}
</style>
<!--<link rel="stylesheet" type="text/css" href="default.css" />
<meta name="keywords" content="" />
<meta name="description" content="" /> -->
<body><div id="top"><h1>Manit Social Networking Site</h1></div>
<div id="menu">
     <u1>
          <a href="index.php">Home</a>
          <a href="reg.php">Registration</a>
          <a href="blog.php">Blog</a>
          <a href="login.php">Login</a>
     </div>
<div id="middle">
<h1><font size= "16" >Welcome</font> </h1><br>
<font size= "5" >
Manit social media is a social networking platform designed specifically for
students studying in maulana azad national institute of technology.....
<br >< < p>
If you have not registered yet , register soon....
<br>
Have fun....!!!
</font>
<a name="anchor-bottom"></a>
<?php
<table border="1px" align="center" cellpadding="3px" cellspacing="1px"
bgcolor="green">
sch. no.
student Name
student
result111pass
*/
?>
</div><div id="bottom"><?php include("bottom.php");?></div></body></html>
```

#### Program: 23 login.php

```
<title> Register</title>
<style type="text/css">
body{
     background-color:#eee;
     text-align:center;
     margin:0px;
}
#top{
     height:100px;
     width:900px;
     margin:0px auto;
     background: #BECF74 url(images/img-top2.jpg) repeat-x;
     border:1px solid blue;
     text-color:yellow;
     line-height:22px;
}
#middle{
     margin:0px auto;
     width:900px;
     height:400px;
     background-color:gray;
}
#left{
      float:left;
     style:overflow;
     padding:50px;
     width:500px;
     height:300px;
     background-color:gray;
}
#right{
     float:right;
     width:270px;
     height:370px;
     text-align:right;
     margin:0px;
     background-color:green;
#bottom{
     clear:both;
     margin:0px auto;
     height:100px;
     width:900px;
     background: #BECF74 url(images/img02.jpg) repeat-x;
     border:1px solid green;
}
#menu{
     height:50px;
     width:900px;
     margin:0px auto;
     background-color:pink;
     border:1px solid blue;
      text-align:left;
```

```
text-color:yellow;
     padding:1px 0px;
     background: #BECF74 url(images/img02.jpg) repeat-x;
}
#menu li{
     display:inline;
     padding:0 20px;
     line-height: 32px;
}
</style>
<!--<li>k rel="stylesheet" type="text/css" href="default.css" />
<meta name="keywords" content="" />
<meta name="description" content="" /> -->
</head>
<body>
<div id="top">
<h1>Manit Social Networking Site</h1>
</div>
<div id="menu">
     <u1>
     <a href="index.php">Home</a>
     <a href="reg.php">Registration</a>
     <a href="blog.php">Blog</a>
     <a href="login.php">Login</a>
     </div>
<div id="middle">
<?php
$con=mysqli_connect("localhost", "root", "", "php");
if(!$con)
{echo "connection error";}
if(isset($_POST['ok'])){
$x=$ POST['id'];
$y=$_POST['password'];
$z=$_POST['fullname'];
$a=$_POST['age'];
$b=$_POST['gender'];
$c=$_POST['no'];
$d=$_POST['address'];
$e=$_POST['email'];
$fn=$_FILES['img']['name'];
$extensions= array("jpeg","jpg","png");
$file_ext=strtolower(end(explode('.',$_FILES['img']['name'])));
     if(in_array($file_ext,$extensions)=== false){
       echo "extension not allowed, please choose a JPEG or PNG file.";
     }else{
             $new="uploads/".rand(1,1000)."_".time()."_".$_FILES['img']
['name'];
             move_uploaded_file($_FILES['img']['tmp_name'],$new);
$w=mysql_query("insert into user
values('{$x}','{$y}','{$z}','{$a}','{$b}','{$c}','{$d}','{$e}','{$new}')",
$con);
```

```
if(!$w){echo "database error";}
else{echo "You have registered successfully
<a href=\"login.php\">Login</a>" ;}}}
else{ echo "
<h1 align=\"center\" > registration form </h1>
    <form action =\"reg.php\" method=\"POST\" enctype=\"multipart/form-</pre>
       data\">
<
    <label for =\"id\">user id</label><input type =\"text\"
name=\"id\" required>
   <label for =\"password\">password</label><input type
=\"text\" name=\"password\" required>
   <label for =\"fullname\">Full Name</label>
   <input type =\"text\" name=\"fullname\"
required><label for =\"age\">Age</label>
   <input type =int name=\"age\" required>
<label for =\"gender\">Sex</label>
    <input type =\"text\" name=\"gender\" required>
   <label for =\"no\">Contact no</label>
   <input type =\"text\" name=\"no\" required>
   <label for =\"address\">Address</label>
   <input type =\"text\" name=\"address\" required>
   <label for =\"email\">Email id</label><input type
=\"text\" name=\"email\" required>
  <label for =\"img\">Upload Image</label><input type
=\"file\" name=\"imq\" required><tp><input type
=\"submit\" name=\"ok\" value =\"submit\">
   </form>
    ";
}
?>
<a name="anchor-bottom"></a>
<?php
/*
bgcolor="green">
sch. no.
   student Name
   student result
111
   ram
   pass
*/
?>
```

```
</div><div id="bottom"><?php include("bottom.php");?></div></body>
</html>
```

#### Program: 24 log-out.php

```
<?php
    session_start();
    session_destroy();
    include("index.php");
?>
```

#### Program: 25 Profile.php

```
<?php
     session_start();
?>
<html><head>
<title> profile</title>
<style type="text/css">
body{
     background-color:#eee;
     text-align:center;
     margin:0px;
}
#top{
     height:100px;
     width:900px;
     margin:0px auto;
     background: #BECF74 url(images/img-top2.jpg) repeat-x;
     border:1px solid blue;
     text-color:yellow;
     line-height:22px;
}
#middle{
     margin:0px auto;
     width:900px;
     height:400px;
     background-color:gray;
}
#bottom{
     clear:both;
     margin:0px auto;
     height:100px;
     width:900px;
     background: #BECF74 url(images/img02.jpg) repeat-x;
     border:1px solid green;
}
#menu{
     height:50px;
     width:900px;
     margin:0px auto;
```

```
background-color:pink;
     border:1px solid blue;
     text-align:left;
     text-color:yellow;
     padding:1px 0px;
     background: #BECF74 url(images/img02.jpg) repeat-x;
}
#menu li{
     display:inline;
     padding:0 20px;
     line-height: 32px;
}
#form{
     padding:40 px;
}
</style>
<!--<li>k rel="stylesheet" type="text/css" href="default.css" />
<meta name="keywords" content="" />
<meta name="description" content="" /> -->
</head><body>
<div id="top">
<h1>Manit Social Networking Site</h1>
</div>
<div id="menu">
     <l
     <a href="index.php">Home</a>
     <a href="reg.php">Registration</a>
     <a href="blog.php">Blog</a>
     <a href="login.php">Login</a>
     <a href="logout.php">Log Out</a>
     </div>
<div id="middle">
<div id="form">
<?php
if(isset($_GET['submit'])){
     $con=mysqli_connect("localhost", "root", "", "php");
     if(!$con){
          echo "connection error";
     }else{
                $u=$_GET["id"];
                $p=$_GET["pw"];
                $r=mysql_query("select * from user where username='$u' and
password= '$p' ",$con);
                $1=mysql_fetch_array($r);
                if(mysql_num_rows($r)==0){
                     echo " username or password invalid
                     <a href=\"login.php\">Go Back</a>
                     ";
                else if( mysql_num_rows($r)==1){
               $_SESSION['userid']=$_GET["id"];
                     echo "
```

```
<h1 align=\"center\">Your Profile</h1>
                   <div id=\"display\" style=\"display:block;
float:left;\">
                   <br>
                   <br>
                   <font size=\"5\">
                  ul align=\"left\">
                       Name:{$1["name"]}
                       Age:{$1["age"]}
                       Gender: {$1["gender"]}
                       Address:{$1["address"]}
                       Email id:{$1["eid"]}
                       Contact No:{$1["contactno"]}
                   </font> </div><div style=\" \">
                   <img src = \"sl[img]\" height=\"300\" width=\"250\">
                   </div>
                   ";
              }}}
?>
</div>
<a name="anchor-bottom"></a>
<?php
/*
<table border="1px" align="center" cellpadding="3px" cellspacing="1px"
bgcolor="green">
sch. no.
    student Name
    student result
111
    ram
    pass
*/
?>
</div>
<!--<div id="bottom">
<?php include("bottom.php");?>
</div>-->
</body>
</html>
```