

Practical No. 1

Design PHP based web pages using correct PHP, CSS and XHTML syntax structure.

```
<html>
  <head>
    <meta name = "viewport" content = "width = device-width,
      initial-scale = 1">
  <style>
    body {
      margin: 0;
      font-family: Arial, Helvetica, sans-serif;
    }
    .topnav {
      overflow: hidden;
      background-color: #333;
    }
    .topnav a {
      float: left;
      color: #f2f2f2;
      text-align: center;
      padding: 14px 16px;
      text-decoration: none;
      font-size: 17px;
    }
  </style>
</head>
<body>
  <div class = "topnav">
    <a href = "#> Home
    <a href = "#> About
    <a href = "#> Contact
  </div>
  <h1> Welcome to our website! </h1>
  <p> This is a simple example of a PHP-based web page. </p>
</body>
</html>
```

```
.topnav a:hover {  
    background-color: #ddd;  
    color: black;  
}  
.topnav a.active {  
    background-color: #4CAF50;  
    color: white;  
}  
</style>  
</head>  
<body>  
<div class="topnav">  
    <a class="active" href="#home"> Home </a>  
    <a href="#news"> News </a>  
    <a href="#contact"> Contact </a>  
    <a href="#about"> About </a>  
</div>  
<div style="padding-left: 16px">  
    <h2> Top Navigation Example </h2>  
    <p> Click on the button </p>  
</div>  
</body>  
</html>
```

Practical No. 2

Create Web forms and pages that use HTTP GET and POST protocol as appropriate.

```
<html>
<head> <title> Registration Form </title> </head>
<body>
<?php
if (isset ($_POST ['sub']))
{
?>
<table width = "300" >
<tr>
    <td> <b> field </b> </td>
    <td> <b> Value </b> </td>
</tr>
<tr>
    <td> First Name : </td>
    <td> <?php echo $_POST ["fn"] ?> </td>
</tr>
<tr>
    <td> Last name </td>
    <td> <?php echo $_POST ["ln"] ?> </td>
</tr>
<tr>
    <td> Email </td>
```

```
<td> <?php echo $_POST["mail1"] ?> </td>
</tr>
<tr>
    <td> Password </td>
    <td> <?php echo $_POST["pass1"] ?> </td>
</tr>
<tr>
    <td> Gender </td>
    <td> <?php echo $_POST["g"] ?> </td>
</tr>
<tr>
    <td> Long Country </td>
    <td> <?php echo $_POST["country"] ?> </td>
</tr>
<tr>
    <td> Newsletter ? </td>
    <td> <?php echo $_POST["new"] ?> </td>
</tr>
<tr>
    <td> Comments </td>
    <td> <?php echo $_POST["comments"] ?> </td>
</tr>
</table>
<?php
?
?>
<h1> Registration Form </h1>
```

<p> Please fill the form below </p>

<form action="" method="POST">

<table border="1">

<tr>

<td> First name: </td>

<td> <input type="text" name="fn" id="fn1" value="" required /> </td>

</tr>

<tr>

<td> Last name: </td>

<td> <input type="text" name="ln" id="ln1" value="" /> </td>

</tr>

<tr>

<td> Email: </td>

<td> <input type="email" name="mail1" id="mail1" value="" /> </td>

</tr>

<tr>

<td> Password: </td>

<td> <input type="password" name="pass1" id="pass1" value="" /> </td>

</tr>

<tr>

<td> Gender: </td>

<td> Male <input type="radio" name="g" id="g1" value="M" />

Female <input type="radio" name="g" id="gf" value="f"/> </td>
</tr>
<tr>
 <td> Country </td>
 <td> <select name="country" id="country" size="1">
 <option value="India"> India </option>
 <option value="USA"> USA </option>
 <option value="Brazil"> Pakistan </option>
 </select>
 </td>
 </td>
 <td>
 <td> Newsletter </td>
 <td> <textarea name="comments" id="comments" rows="4" cols="22"> </textarea> </td>
 </td>
 <td>
 <td> comments </td>
 <td> <textarea name="Comments" id="Comments" rows="4" cols="22"> </textarea> </td>
 </td>
 <td>
 <td> <input type="submit" name="sub" id="sub" value="Send"/> </td>
 <td> <input type="reset" name="resetI" id="resetI" value="Reset"/> </td>

</tr>
</table>
</form>
</body>
</html>

Practical No. 3

The following code will use various SQL commands. You will create database, table, insert the row into table and print the inserted rows in the form of table.

```
<html>
<head>
<title>MySQL Commands</title>
</head>
<body>
<h2> Creating database in MySQL </h2>
<?php
$servername = "localhost";
$username = "root";
$password = ""; // database password if any must be
$sql = "CREATE DATABASE MY_DATA2"; // given
$conn = mysqli_connect($servername, $username,
$password);
if (mysqli_query($conn, $sql)) {
    echo "<br> Database created successfully";
} else {
    echo "<br> Error creating database: ".mysqli_error($conn);
}
echo "<h2> Creating Table in Database </h2>";
$dbname = "MY_DATA2";
```

```
// create connection
$conn = mysqli_connect ($servername, $username, $password,
$dbname);
// check connection
if (!($conn)) {
    die("Connection failed: " . mysqli_connect_error());
}
$sql = "CREATE TABLE STDS (
    NAME VARCHAR (30) NOT NULL,
    DEPT VARCHAR (30) NOT NULL,
    ROLLNO INT(5))";
if (mysqli_query ($conn, $sql)) {
    echo "<BR> Table Stds created successfully";
} else {
    echo "<BR> Error creating table!". mysqli_error
($conn);
}
```

Practical No. 4

Install and configure PHP and MySQL.

Installation On Windows

PHP on Windows can work with Apache or IIS. Easy way to install Apache and PHP: WAMP Server.

The acronym of WAMP is Windows, Apache, MySQL, and PHP - which is not used to describe any Windows-based web server setup.

Follow these steps, To install WAMP Server on Windows -

1. Download Latest version of WAMP server from WAMP Server.

Note: WAMP server is an open source application, so you can download without paying anything.

2. Click on WAMP server ".exe" file that you downloaded, and follow the following instructions on the screen to install the application.

3. Appear following window.

4. Click the next button to license agreement window.

5. Click I accept the agreement and press next to continue.

6. Choose destination folder, where you want to install WAMP server.

7. Select additional task icons press next to continue.

8. Now ready to install, press next to continue.
9. Press install to continue.
10. Status of installation.
11. Now select your default browser if you are not sure, just select default browser.
12. Press open to continue.
13. Enter the default SMTP (mail server) and email address or press next to use defaults.
14. Press finish button to complete installation.

Check WAMP server is working or not:

Click WAMP server on the desktop.

Check the task bar if WAMP server symbol is green.

To test that the Web server is running correctly, choose the localhost option from the WAMP Server menu or type localhost in your browser. If all has done systematically, you should see the page shown below appear. That means WAMP server has successfully installed.

Practical No. 5

Create PHP code that utilizes the commonly used API library functions built into PHP.

The following code uses built-in date function and extract the day from current date and print the day of week.

```
<html>
<head><title> Current Day </title></head>
<body>
<?php
$day = date ("z");
switch ($day)
{
    case "Sunday":
        $var = $day;
        break;
    case "Monday":
        $var = $day;
        break;
    case "Tuesday":
        $var = $day;
        break;
    case "Wednesday":
        $var = $day;
```

```
break;  
case "Thursday":  
$var = $day;  
break;  
case "Friday":  
$var = $day;  
break;  
case "Saturday":  
$var = $day;  
break;  
default:  
print "Input is wrong";  
}
```

```
echo "Today is". $var;
```

```
?>
```

```
</body>
```

```
</html>
```

Practical No. 6

After creating the database type the following code in HOME.PHP file

```
<html>
<head>
<title> Home page </title>
<body>
<h1 align="center"> ONLINE BLOOD BANK </h1><br>
<center>
<img src = "blood.jpg">
<h3> <a href = "registration.php"> REGISTRATION OF
DONOR </a>
<br>
<a href = "view.php"> VIEW OF DONOR </a>
<br>
<h3>
<br>
<h1> Welcome to Blood Bank </h1>
</body>
</html>
```

Practical No. 7

The following code create a cookie and show the value of stored cookie on reloading the web page.

```
<?php  
// setting cookie name and value  
$cookie_name = "user";  
$cookie_value = "Ravi";  
setcookie ($cookie_name, $cookie_value, time() +  
(86400 * 30), "/"); // 86400=1day.  
?  
<html>  
<body>  
<?php  
// checking cookies  
if (!isset ($_COOKIE [$cookie_name], "is not set!";)  
{ else {  
// printing cookie name and printing values  
echo "Cookie", $cookie_name, " is set! <br>";  
echo "Value is:", $_COOKIE [$cookie_name];  
}  
<p><strong> Note:</strong> You might have to reload the page  
to see the value of cookies.</p>  
</body>  
</html>
```

Practical No. 8

The following code create new session and show the value of session created.

```
<?php  
// start the session  
session_start();  
?  
<!DOCTYPE html>  
<html>  
<body>  
<?php  
// set session variables  
$_SESSION["favcolor"] = "green";  
$_SESSION["favanimal"] = "cat";  
echo "Session variables are set.";  
// Printing session variables  
echo "<br> fav color ". $_SESSION ["favcolor"];  
echo "<br> fav animal ". $_SESSION ["favanimal"];  
?  
</body>  
</html>
```

Practical No. 9

To create web site in word press.

Open wordpress site on to your computer in web browser by typing the following URL i.e. www.wordpress.com and the fed screen will appear on the screen.

Now click on start your website and the screen will appear, fill the necessary information. Give the domain name of your website.

Choose the plan for your website.

Click on Pages option in the side pane to create pages from website.

finally click on publish option to view the web site.