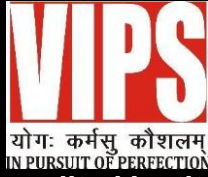


**VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES - TECHNICAL CAMPUS**



**Grade A++ Accredited Institution by NAAC**

NBA Accredited for MCA Programme; Recognized under Section 2(f) by UGC;

Affiliated to GGSIP University, Delhi; Recognized by Bar Council of India and AICTE

An ISO 9001:2015 Certified Institution

**SCHOOL OF ENGINEERING & TECHNOLOGY**

# **Web Technologies Lab**

## **(CIE-356P)**

### **6<sup>th</sup> Semester**

**Submitted To:**

**Submitted By:**

**Student Name:**

**VIVEKANANDA INSTITUTE OF PROFESSIONAL STUDIES - TECHNICAL CAMPUS**

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## **VISION OF INSTITUTE**

To be an educational institute that empowers the field of engineering to build a sustainable future by providing quality education with innovative practices that supports people, planet and profit.

## **MISSION OF INSTITUTE**

To groom the future engineers by providing value-based education and awakening students' curiosity, nurturing creativity and building capabilities to enable them to make significant contributions to the world.

# INDEX

| S.no | EXPERIMENT   | Date | Marks                 |                     |      | Remark | Updated Marks | Faculty Signature |
|------|--|------|-----------------------|---------------------|------|--------|---------------|-------------------|
|      |  |      | Laboratory Assessment | Class Participation | Viva |        |               |                   |
| 1    | Design web pages for your college containing a description of the courses, departments, faculties, library etc, use href, list tags.   |      |                       |                     |      |        |               |                   |
| 2    | Write html code to develop a web page having two frames that divides the web page into two equal rows and then divide the rows into equal columns fill each frame with a different background color.                                     |      |                       |                     |      |        |               |                   |
| 3    | Design a web page of your home town with an attractive background color, text color, an image, font etc.(use internal CSS)   |      |                       |                     |      |        |               |                   |
| 4    | Use External, Internal and inline CSS to format college Web page that you created.   |      |                       |                     |      |        |               |                   |
| 5    | Create html page with javaScript which takes integer number as input and tell whether the number is even or odd.   |      |                       |                     |      |        |               |                   |
| 6    | Create html page that contains form with fields Name, Email, mobile no., gender, favourite color and a button now write a js code to combine and display the information in textbox when the button is clicked and implement validation. |      |                       |                     |      |        |               |                   |
| 7    | Create XML file to store student information like enrolment no, name, mobile no, email id.   |      |                       |                     |      |        |               |                   |
| 8    | Write a php script to read data from text file and display it in html table. (the file contains information in format name:password:email)   |      |                       |                     |      |        |               |                   |
| 9    | Write a php script for login authentication. Design a html form which takes username and password from user and validate against stored username and password in file.   |      |                       |                     |      |        |               |                   |

**10**

Write a php script for storing and retrieving user info from MySQL table.

A. Design a html page which takes name, address, email and mobile no. from user(register.php).

B. Store this data in MySQL database/ textfile.

C. Next page display all user in html table using php(display php).

# PROGRAM 01

Design web pages for your college containing a description of the courses, departments, faculties, library etc, use href, list tags.

## CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>VIPS College Page</title>

</head>

<body bgcolor="#f9f9f9" text="#333" marginwidth="0" marginheight="0">

  <marquee bgcolor="#eeeeee" behavior="scroll" direction="left">

    Greetings from Vivekananda Institute of Professional Studies!

  </marquee>

  <center>

    <h1>Vivekananda Institute of Professional Studies</h1>

    <h2>Excel in Education</h2>

    <hr width="80%">

  </center>

  <h3>About VIPS</h3>

  <p>VIPS is a renowned college offering a variety of undergraduate and postgraduate programs aimed at nurturing professional excellence among students.</p>

  <hr>

  <h3>Departments</h3>

  <ul>

    <li>B.Tech

      <ul>

        <li><a href="#">Computer Science</a></li>

        <li><a href="#">AIML</a></li>

        <li><a href="#">AIDS</a></li>

        <li><a href="#">IIOT</a></li>

        <li><a href="#">VLSI</a></li>

      </ul>

    </li>

    <li>BBA

      <ul>
```

<li><a href="#">Business Management</a></li>

<li><a href="#">BBA</a></li>

<li><a href="#">MBA</a></li>

</ul>

</li>

</ul>

<hr>

<h4>Contact Information</h4>

<p>Email: <a href="mailto:info@vips.edu">info@vips.edu</a></p>

<p>Phone: <a href="tel:+912254578">+91 2254578</a></p>

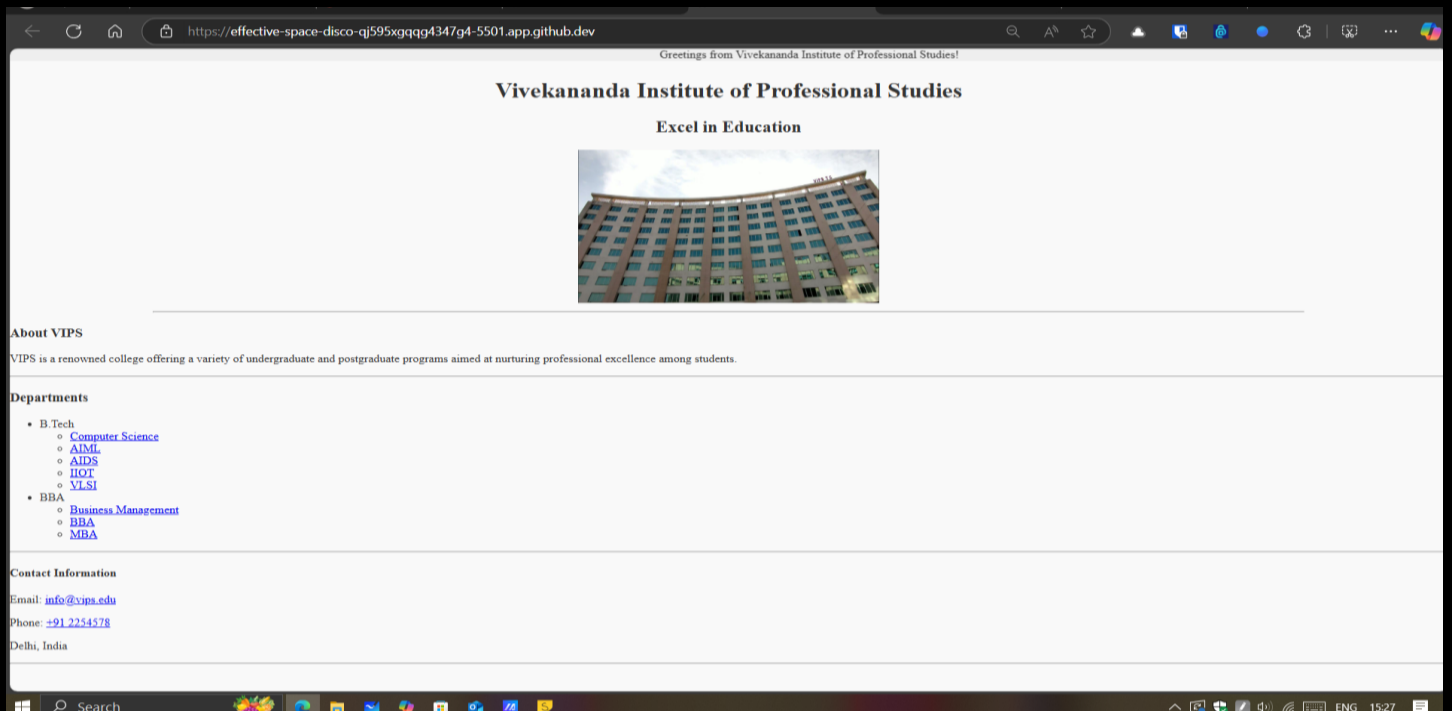
<p>Delhi, India</p>

<hr>

</body>

</html>

## OUTPUT:



## LEARNING OUTCOMES:

## PROGRAM 02

Write html code to develop a web page having two frames that divides the web page into two equal rows and then divide the rows into equal columns fill each frame with a different background color.

### CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <title>Program 2</title>

  <style>

    #myList {

      display: none;

    }

    #myList:target {

      display: block;

    }

  </style>

</head>

<body style="margin:0;padding:0;">

  <div style="display:flex; height:50vh;">

    <div style="flex:1; background-color:#FFD6D6; padding:20px;">

      <h2>Form</h2>

      <form>

        <label for="userName">Name:</label><br>

        <input type="text" id="userName" name="userName"><br><br>

        <label for="userEmail">Email:</label><br>

        <input type="email" id="userEmail" name="userEmail"><br><br>

        <input type="submit" value="Submit">

      </form>

    </div>

    <div style="flex:1; background-color:#D6D6FF; padding:20px;" id="myList">

      <h2>List</h2>

      <ul>

        <li>Item One</li>

        <li>Item Two</li>

        <li>Item Three</li>

      </ul>

    </div>

  </div>

</body>

</html>
```



```
<div style="display:flex; height:50vh;">

  <div style="flex:1; background-color:#D6FFD6; padding:20px;">

    <h2>Click to Reveal</h2>

    <a href="#myList">Show the list above</a>

  </div>

  <div style="flex:1; background-color:#FFFFD6; padding:20px;">

    <h2>Additional Text</h2>

    <p>All four sections are implemented by!</p>

  </div>

</div>

</body>

</html>
```

OUTPUT:



LEARNING OUTCOMES:

# PROGRAM 03

**Design a web page of your home town with an attractive background color, text color, an Image, font etc. (use internal CSS).**

## **CODE:**

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>My Hometown</title>

  <style>

    body {

      background-image:

url('https://t3.ftcdn.net/jpg/08/64/45/62/360_F_864456239_djb2Nq2XpXlWwkkVYBIT17eY

64a4VJFm.jpg');

      background-size: cover;

      background-attachment: fixed;

      color: #333;

      font-family: 'Arial', sans-serif;

      text-align: center;

      padding: 10px;

    }

    header {

      background-color: rgba(70, 130, 180, 0.4);

      color: white;

      padding: 2px;

      border-radius: 2px;

    }

    section {

      margin: 2px;

      padding: 2px;

      background-color: rgba(224, 255, 255, 0.5);

      border-radius: 8px;

    }

    img {

      margin: 10px;

      border: 5px solid #4682b4;

      border-radius: 6px;

      width: 20%;
```

```
}

.gallery {

    display: flex;

    flex-wrap: wrap;

    justify-content: center;

}

</style>

</head>

<body>

    <header>

        <h1>Welcome to My Hometown</h1>

    </header>

    <section>

        <h3>About My Hometown</h3>

        <p>My hometown is a beautiful place with rich culture and history. It is known for its scenic beauty and welcoming people. There are many places to visit and enjoy.</p>

    </section>

    <section>

        <h3>Traditions of My Hometown</h3>

        <div class="gallery">

        </div>

    </section>

    <section>

        <h3>Natural Beauty of My Hometown</h3>

        <div class="gallery">

        </div>

    </section>

</body>

</html>
```

```

</div>
</section>
</body>
</html>
```

## OUTPUT:

# Welcome to My Hometown

## About My Hometown

My hometown is a beautiful place with rich culture and history. It is known for its scenic beauty and welcoming people. There are many places to visit and enjoy.

## Traditions of My Hometown



## Natural Beauty of My Hometown



## LEARNING OUTCOMES:

# PROGRAM 04

Use External, Internal, and Inline CSS to format college web page that you created

## CODE:

```
<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>VIPS College</title>

  <link rel="stylesheet" href="style.css">

  <style>

    body {

      font-family: Arial, sans-serif;

      margin: 0;

      padding: 0;

      background-color: #fff5f5;

    }

    header {

      background-color: #b71c1c;

      color: white;

      padding: 10px;

      display: flex;

      align-items: center;

    }

    header img {

      height: 50px;

      margin-right: 15px;

    }

    nav {

      background-color: #d32f2f;

      padding: 10px;

      text-align: center;

    }

    nav a {

      color: white;

      text-decoration: none;

      margin: 0 15px;

      font-weight: bold;

    }

  </style>

</head>

<body>

  <div>

    <img alt="VIPS College Logo" data-bbox="100 100 200 200" />

    <div>

      <h1>VIPS College</h1>

      <div>

        <div>Home</div>

        <div>About</div>

        <div>Contact</div>

      </div>

    </div>

  </div>

</body>

</html>
```

```
nav a:hover {  
    text-decoration: underline;  
}  
  
section {  
    padding: 20px;  
}  
  
footer {  
    background-color: #b71c1c;  
    color: white;  
    text-align: center;  
    padding: 10px;  
    margin-top: 20px;  
}  
</style>  
</head>  
<body>  
    <header>  
          
        <h1>Vivekananda Institute of Professional Studies</h1>  
    </header>  
    <nav>  
        <a href="#courses">Courses</a>  
        <a href="#departments">Departments</a>  
        <a href="#faculties">Faculties</a>  
        <a href="#library">Library</a>  
        <a href="https://vips.edu/" target="_blank">Visit Official Website</a>  
    </nav>  
    <section id="courses">  
        <h2>Courses Offered</h2>  
        <ul>  
            <li>Bachelor of Computer Applications (BCA)</li>  
            <li>Bachelor of Business Administration (BBA)</li>  
            <li>BA LLB (Hons.)</li>  
            <li>Bachelor of Journalism and Mass Communication (BJMC)</li>  
            <li>MCA (Master of Computer Applications)</li>  
        </ul>  
    </section>  
    <section id="departments">  
        <h2>Departments</h2>  
        <ul>
```



- <li>School of Law</li>

- <li>School of Business Studies</li>

- <li>School of Journalism & Mass Communication</li>

- <li>School of Information Technology</li>



&lt;/section&gt;

&lt;section id="faculties"&gt;

&lt;h2&gt;Faculties&lt;/h2&gt;

&lt;ul&gt;

- <li>Dr. Nivedita Paliaa - Dean, School of IT</li>

- <li>Dr. Garima Chanana - Professor, School of Business Studies</li>

- <li>Mr. Rahul Kumar - Assistant Professor, School of Law</li>

- <li>Ms. Anjali Gupta - Lecturer, School of Journalism</li>

&lt;/ul&gt;

&lt;/section&gt;

&lt;section id="library"&gt;

&lt;h2&gt;Library&lt;/h2&gt;

&lt;p&gt;The VIPS Library offers an extensive collection of books, journals, e-resources, and research materials.&lt;/p&gt;

&lt;ul&gt;

- <li>Over 50,000 books and journals</li>

- <li>Dedicated reading zones</li>

- <li>Online databases and e-journals</li>

- <li>Wi-Fi-enabled spaces</li>

&lt;/ul&gt;

&lt;/section&gt;

&lt;footer&gt;


&lt;p&gt;&amp;copy; 2025 Vivekananda Institute of Professional Studies. All rights reserved.&lt;/p&gt;

&lt;/footer&gt;

&lt;/body&gt;

&lt;/html&gt;

OUTPUT:



Vivekananda Institute of Professional Studies

Courses

Departments

Faculties

Library

Visit Official Website

Courses Offered


- Bachelor of Computer Applications (BCA)
- Bachelor of Business Administration (BBA)
- BA LLB (Hons.)
- Bachelor of Journalism and Mass Communication (BJMC)
- MCA (Master of Computer Applications)

Departments

- School of Law
- School of Business Studies
- School of Journalism & Mass Communication
- School of Information Technology

Faculties

- Dr. Nivedita Paliaa - Dean, School of IT
- Dr. Garima Chanana - Professor, School of Business Studies
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Vivekananda Institute of Professional Studies

Courses

Departments

Faculties

Library

Visit Official Website

Courses Offered

- Bachelor of Computer Applications (BCA)
- Bachelor of Business Administration (BBA)
- BA LLB (Hons.)
- Bachelor of Journalism and Mass Communication (BJMC)
- MCA (Master of Computer Applications)

Departments

- School of Law
- School of Business Studies
- School of Journalism & Mass Communication
- School of Information Technology

Faculties

- Dr. Nivedita Paliaa - Dean, School of IT
- Dr. Garima Chanana - Professor, School of Business Studies
- Mr. Rahul Kumar - Assistant Professor, School of Law
- Ms. Anjali Gupta - Lecturer, School of Journalism

LEARNING OUTCOMES:

# PROGRAM 05

Create HTML Page with JavaScript which takes Integer number as input and tells whether the number is ODD or EVEN.

## CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Odd or Even Checker</title>
  <style>
    @import url('https://fonts.googleapis.com/css2?family=Poppins:wght@400;600&display=swap');
    body {
      font-family: 'Poppins', sans-serif;
      background: linear-gradient(to right, #ffafbd, #ffc3a0);
      color: #333;
      margin: 0;
      padding: 0;
      display: flex;
      justify-content: center;
      align-items: center;
      height: 100vh;
    }

    .container {
      background: #fff;
      padding: 50px;
      border-radius: 15px;
      box-shadow: 0 8px 20px rgba(0, 0, 0, 0.2);
      text-align: center;
      width: 400px;
    }

    h1 {
      color: #ff6f61;
      margin-bottom: 30px;
      font-size: 2.5em;
    }

    input[type="number"] {
      width: 100%;
      padding: 15px;
      margin: 20px 0;
      border: 2px solid #ddd;
      border-radius: 10px;
      font-size: 18px;
    }

    button {
      background: #ff6f61;
      color: white;
```

```

<html lang="en">
<head>
  <style>
    {

      button {
        background: #ff6f61;
        color: white;
        border: none;
        padding: 15px 25px;
        font-size: 18px;
        font-weight: bold;
        border-radius: 10px;
        cursor: pointer;
        transition: background 0.3s ease, transform 0.2s ease;
      }

      button:hover {
        background: #ff3d3d;
        transform: translateY(-2px);
      }

      .result {
        margin-top: 30px;
        font-size: 1.5em;
        color: #333;
      }
    }
  </style>
</head>
<body>
  <div class="container">
    <h1>Odd or Even Checker</h1>
    <input type="number" id="numberInput" placeholder="Enter an integer">
    <button onclick="checkOddEven()">Check</button>
    <p class="result" id="result"></p>
  </div>

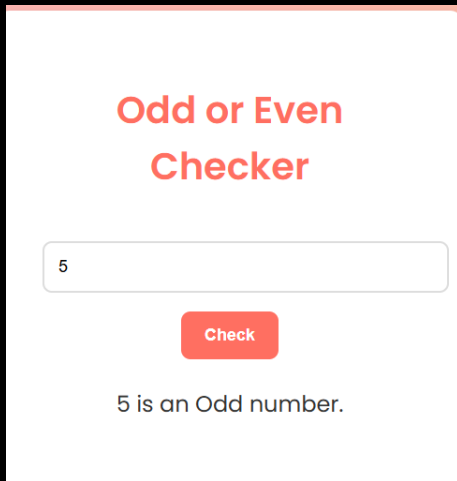
  <script>
    function checkOddEven() {
      const number = document.getElementById("numberInput").value;
      if (number === "") {
        document.getElementById("result").innerText = "Please enter a number.";
        return;
      }
      const intNumber = parseInt(number);
      if (intNumber % 2 === 0) {
        document.getElementById("result").innerText = `${intNumber} is an Even number.`;
      } else {

```

```
<html lang="en">
</head>
<body>
  <div class="container">
    <h1>Odd or Even Checker</h1>
    <input type="number" id="numberInput" placeholder="Enter an integer">
    <button onclick="checkOddEven()">Check</button>
    <p class="result" id="result"></p>
  </div>

  <script>
    function checkOddEven() {
      const number = document.getElementById("numberInput").value;
      if (number === "") {
        document.getElementById("result").innerText = "Please enter a number.";
        return;
      }
      const intNumber = parseInt(number);
      if (intNumber % 2 === 0) {
        document.getElementById("result").innerText = `${intNumber} is an Even number.`;
      } else {
        document.getElementById("result").innerText = `${intNumber} is an Odd number.`;
      }
    }
  </script>
</body>
</html>
```

## OUTPUT:



**Odd or Even  
Checker**

**Check**

5 is an Odd number.

## LEARNING OUTCOMES:

# PROGRAM 06

Create HTML Page that contains form with fields Name, Email, Mobile No, Gender, Favourite Colour and a button now write a JavaScript code to combine and display the information in textbox when the button is clicked and implement validation.

## CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Form Validation</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 20px;
    }
    .container {
      max-width: 400px;
      margin: auto;
      padding: 20px;
      border: 1px solid #ccc;
      border-radius: 10px;
      box-shadow: 2px 2px 10px rgba(0, 0, 0, 0.1);
    }
    input, select, button {
      width: 100%;
      margin: 8px 0;
      padding: 10px;
      display: block;
    }
    .error {
      color: red;
      font-size: 14px;
    }
  </style>
</head>
<body>
  <div class="container">
    <h2>Information Form</h2>
    <form id="infoForm">
      <label for="name">Name:</label>
      <input type="text" id="name" required>
      <span class="error" id="nameError"></span>

      <label for="email">Email:</label>
      <input type="email" id="email" required>
      <span class="error" id="emailError"></span>

      <label for="mobile">Mobile No:</label>
      <input type="text" id="mobile" required>
      <span class="error" id="mobileError"></span>

      <label>Gender:</label>
      <input type="radio" name="gender" value="Male"> Male
      <input type="radio" name="gender" value="Female"> Female
      <span class="error" id="genderError"></span>

      <label for="color">Favourite Colour:</label>
      <input type="text" id="color" required>
      <span class="error" id="colorError"></span>

      <button type="button" onclick="displayInfo()">Submit</button>
    </form>
```

```
<h3>Result:</h3>
<input type="text" id="output" readonly>
</div>

<script>
function displayInfo() {
    let name = document.getElementById("name").value.trim();
    let email = document.getElementById("email").value.trim();
    let mobile = document.getElementById("mobile").value.trim();
    let gender = document.querySelector("input[name='gender']:checked");
    let color = document.getElementById("color").value.trim();

    let valid = true;
    document.getElementById("nameError").innerText = name ? "" : "Name is required";
    document.getElementById("emailError").innerText = email ? "" : "Email is required";
    document.getElementById("mobileError").innerText = mobile ? "" : "Mobile No is required";
    document.getElementById("genderError").innerText = gender ? "" : "Select a gender";
    document.getElementById("colorError").innerText = color ? "" : "Favourite Colour is required";

    if (!name || !email || !mobile || !gender || !color) {
        valid = false;
    }

    if (valid) {
        let output = `Name: ${name}, Email: ${email}, Mobile: ${mobile}, Gender: ${gender.value}, Favourite Colour: ${color}`;
        document.getElementById("output").value = output;
    }
}
</script>
</body>
</html>
```



**OUTPUT:**

**LEARNING OUTCOMES:**

## PROGRAM 07

Create XML file to store student information like Enrolment Number, Name Mobile Number , Email Id.

**CODE:**

```
<?xml version="1.0" encoding="UTF-8"?>
<students>
  <student>
    <enrolmentNumber>2025001</enrolmentNumber>
    <name>Geetansh</name>
    <mobileNumber>9876543210</mobileNumber>
    <email>johndoe@example.com</email>
  </student>
  <student>
    <enrolmentNumber>2025002</enrolmentNumber>
    <name>Soham</name>
    <mobileNumber>9123456789</mobileNumber>
    <email>janesmith@example.com</email>
  </student>
</students>
```

**OUTPUT:**

**LEARNING OUTCOMES:**

## PROGRAM 08

Write a PHP script to read data from txt file and display it in html table (the file contains info in format Name: Password: Email).

### CODE:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>User Information</title>
<style>
table {
border-collapse: collapse; width: 100%;}
th, td {
border: 1px solid #dddddd; text-align:
left; padding: 8px;}
th {background-color: #f2f2f2;}
</style>
</head>
<body>
<h2>User Information</h2>
<table>
<tr>
<th>Name</th>
<th>Password</th>
<th>Email</th>
</tr>
<?php
// Open the text file
$file = fopen("user_info.txt", "r");
// Read each line from the file
while (!feof($file)) {
$line = fgets($file);
if (!empty($line)) {
// Split the line into name, password, and email
list($name, $password, $email) = explode(":", $line);
// Output the data into HTML table rows
echo "<tr>";
echo "<td>$name</td>"; echo
"<td>$password</td>"; echo "<td>$email</td>";
echo "</tr>";}}
// Close the file
fclose($file);
?>
</table>
</body></html>
```

OUTPUT:

User Information

localhost/cwtf/user\_info.php

| Name          | Password    | Email                     |
|---------------|-------------|---------------------------|
| John Doe      | password123 | john.doe@example.com      |
| Jane Smith    | pass456     | jane.smith@example.com    |
| Alice Johnson | secure789   | alice.johnson@example.com |

LEARNING OUTCOMES:

## PROGRAM 09

Write a PHP script for login authentication. Design an html form which takes username and password from user and validate against stored username and password in file.

### CODE:

For login.html file:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-
scale=1.0" />
<title>Login</title>
</head>
<style>
* {
margin-left: 10rem;
}
</style>
<body>
<h2 style="margin-left: 20rem">Login</h2>
<form action="login.php" method="post">
<label for="username">Username:</label><br />
<input type="text" id="username" name="username" required
/><br />
<label for="password">Password:</label><br />
<input
type="password"
id="password"
name="password"required
/><br /><br />
<button type="submit">Login</button>
</form>
</body>
</html>
```

For login.php file:

```
<?php

// Function to authenticate user
function authenticateUser($username, $password) {

// Open the file containing stored usernames and passwords
$file = fopen("users.txt", "r");

// Read each line from the file
while (!feof($file)) {
$line = fgets($file); if ($line!== false) {

// Split the line by ":"
$data = explode(":", $line);if
(count($data) == 2) {
$storedUsername = trim($data[0]);
```

```
$storedPassword = trim($data[1]);

// Check if the entered username and password match the stored
credentials
if ($username === $storedUsername && $password ===
$storedPassword) {

// Close the file
fclose($file); return true;
}
}
}
}

// Close the file
fclose($file); return
false;
}

// Check if form is submitted
if ($_SERVER["REQUEST_METHOD"] == "POST") {
$username = $_POST["username"];
$password = $_POST["password"];

// Authenticate user
if (authenticateUser($username, $password)) {echo
"<h2>Login Successful</h2>";
} else {
echo "<h2>Login Failed. Invalid username or password.</h2>";
}
}
?>
```

OUTPUT:



LEARNING OUTCOMES:

# PROGRAM 10

Write PHP script for storing and retrieving user information from My Sql table.

- a. Design A HTML page which takes Name, Address, Email and Mobile No. From user (register.php)
- b. Store this data in Mysql database / text file.
- c. Next page display all user in html table using PHP (display.php)

## CODE:

1) For register.php file:

```
<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>User Registration</title>
<style>
.margin{
margin-left: 100px;margin-top:
30px;
}
</style>
</head>
<body>
<h2 class="margin">User Registration</h2>
<form action="store_user.php" method="post" class="margin">
<label for="name">Name:</label>
<input type="text" id="name" name="name" required><br><br>
<label for="address">Address:</label>
<input type="text" id="address" name="address"
required><br><br>
<label for="email">Email:</label>
<input type="email" id="email" name="email"
required><br><br>
<label for="mobile">Mobile No.:</label>
<input type="text" id="mobile" name="mobile"
required><br><br>
<input type="submit" value="Submit">
</form>
</body>
</html>
```

2) For storing data in text file:

```
<?php
// Get form data
$name = $_POST['name'];
```



```

$address = $_POST['address'];
$email = $_POST['email'];
$mobile = $_POST['mobile'];
// Prepare data
$user_data = "$name:$address:$email:$mobile\n";
// Open the file for appending
$file = fopen("user_data.txt", "a");
// Write data to the file
fwrite($file, $user_data);
//Close the file
fclose($file);
// Redirect back to register page
header("Location: register.php");
exit();
?>

```

3) For displaying data from text file:

```

<!DOCTYPE html>
<html lang="en">
<head>
<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-
scale=1.0">
<title>User Information</title>
<style>
table {
border-collapse: collapse; width: 100%;
}
th, td {
border: 1px solid #dddddd; text-align:
left; padding: 8px;
}
th {
background-color: #f2f2f2;
}
</style>
</head>
<body>
<h2>User Information</h2>
<table>
<tr>
<th>Name</th>
<th>Address</th>
<th>Email</th>
<th>Mobile No.</th>
</tr>
<?php
// Read data from the file and display in table
$file = fopen("user_data.txt", "r"); while
(!feof($file)) {
$line = fgets($file); if
(!empty($line)) {
list($name, $address, $email, $mobile) =explode(":",
$line);
echo "<tr>";
echo "<td>$name</td>"; echo "<td>$address</td>"; echo "<td>$email</td>";
echo "<td>$mobile</td>"; echo "</tr>";
}

```

```
}  
fclose($file);  
?>  
</table>  
</body>  
</html>
```

For storing data in

MySQL:

#### 1) Create MySQL Database

```
CREATE DATABASE user_db;  
USE user_db;  
CREATE TABLE users (  
id INT AUTO INCREMENT PRIMARY KEY, name  
VARCHAR(100),  
address VARCHAR(255),  
email VARCHAR(100),  
mobile VARCHAR(15)  
);
```

#### 2) Create store\_user.php (PHP script to store user data in MySQL):

```
<?php  
// store_user.php  
$servername = "localhost";  
$username = "your_username";  
$password = "your_password";  
$dbname = "user_db";  
// Create connection  
$conn = new mysqli($servername, $username, $password, $dbname);  
// Check connection  
if ($conn->connect_error) {  
die("Connection failed: " . $conn->connect_error);  
}  
// Prepare SQL statement  
$stmt = $conn->prepare("INSERT INTO users (name, address, email,  
mobile) VALUES (?, ?, ?, ?)");  
$stmt->bind_param("ssss", $name, $address, $email, $mobile);  
// Get form data  
$name = $_POST['name'];  
$address = $_POST['address'];  
$email = $_POST['email'];  
$mobile = $_POST['mobile'];  
// Execute SQL statement  
if ($stmt->execute() === TRUE) {  
echo "New record created successfully";  
} else {
```

```

echo "Error: " . $stmt->error;
}
$stmt->close();
$conn->close();
?>

```

3) Create display.php (PHP script to display user data in HTML table):

```

<?php
// display.php
$servername = "localhost";
$username = "your_username";
$password = "your_password";
$dbname = "user_db";
// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);
// Check connection
if ($conn->connect_error) {
die("Connection failed: " . $conn->connect_error);
}
// Retrieve user data
$sql = "SELECT * FROM users";
$result = $conn->query($sql);
// Display user data in HTML
table if ($result->num_rows > 0)
{
echo "<table border='1'>";echo
"<tr><th>ID</th><th>Name</th><th>Address</th><th>Email</th><th>Mobile</th></tr>";
while ($row = $result->fetch_assoc()) {echo
"<tr>";
echo "<td>" . $row["id"] . "</td>";
echo "<td>" . $row["name"] . "</td>";
echo "<td>" . $row["address"] . "</td>";
echo "<td>" . $row["email"] . "</td>";
echo "<td>" . $row["mobile"] . "</td>";echo
"</tr>";
}
echo "</table>";
} else {
echo "0 results";
}

$conn->close();
?>

```

OUTPUT:

User Registration

localhost/cwh/5/register.php

User Registration

Name: user

Address: dummy-address

Email: user@gmail.com

Mobile No.: 12345679

Submit

User Information

localhost/cwh/5/display.php

| Name | Address       | Email          | Mobile No. |
|------|---------------|----------------|------------|
| user | dummy-address | user@gmail.com | 12345679   |

LEARNING OUTCOMES:

