**Experiment No:15 Date:26/9/2024**

**BASIC HTML TAGS**

**AIM**

PHP web application to read and display student details.

**SOURCE CODE**

<html>

    <head>

        <title>PHP5.1</title>

</head>

    <body>

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

            Name:<input type="text" name="name"><br><br>

            Email:<input type="text" name="email"><br><br>

            Admission number:<input type="text" name="admn\_no"><br><br>

            Branch:<input type="text" name="branch"><br><br>

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

        </form>

    </body>

</html>

<?php

if(isset($\_POST['submit'])){

    $name=$\_POST['name'];

    $email=$\_POST['email'];

    $admn\_no=$\_POST['admn\_no'];

    $branch=$\_POST['branch'];

    echo "<tr><td>$name</td></tr><br>";

    echo "<tr><td>$email</td></tr><br>";

    echo "<tr><td>$admn\_no</td></tr><br>";

    echo "<tr><td>$branch</td></tr><br>";

}

?>

**RESULT**

The HTML page to demonstrate basic HTML tags has been designed.

**Experiment No:16 Date:26/9/2024**

**BASIC HTML TAGS**

**AIM**

PHP web application to implement a login page and a welcome page.(Login details should be matched with those stored in a database table)

**SOURCE CODE**

<html>

    <head>

        <title>PHP5.2</title>

    </head>

    <body>

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

            Email:<input type="text" name="email"><br><br>

            Password:<input type="text" name="password"><br><br>

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

        </form>

    </body>

</html>

<?php

$con=new mysqli("localhost","root","","php5");

if(!$con){

    echo"not ok";

    }

else

{

if(isset($\_POST['submit'])){

    $email=$\_POST['email'];

    $password=$\_POST['password'];

$s = "SELECT \* FROM table2 where email='$email'

and password='$password'";

$sel=$con->query($s);

    if($sel->num\_rows>0){

        header("location:welcome.html");

     }

    else{

        echo'<script>alert("login unsuccessfull")</script>';

     }

}

}

?>

//welcome.html

<html>

    <head>

        <title>WELCOME</title>

    </head>

    <center>

        <body style="background-color: powderblue;">

            <h1>WELCOME</h1>

            <i><p>"Welcome to our online family!We're excited to share our

passion and knowledge with you"</p></i>

        </body>

    </center>

</html>

**RESULT**

The HTML page to demonstrate basic HTML tags has been designed.

**Experiment No:17 Date:26/9/2024**

**BASIC HTML TAGS**

**AIM**

PHP web application using MySQL database to register, login and display student information. Use PHP Cookies to retrieve information from login. [Note : Use the student registration form designed in Exp 6, initial 6 fields only)

**SOURCE CODE**

//registration.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Student Registration</title>

</head>

<body>

    <h2>Student Registration</h2>

    <form method="POST" action="registration.php">

        <table border="1">

            <tr><td><label for="first\_name">First Name:</label><br></td>

          <td><input type="text" id="first\_name"

name="first\_name" required></td></tr>

            <tr><td><label for="last\_name">Last Name:</label><br></td>

            <td><input type="text" id="last\_name"

name="last\_name" required></td></tr>

            <tr><td><label for="email">Email:</label><br></td>

            <td><input type="email" id="email" name="email" required></td></tr>

            <tr><td><label for="dob">Date of Birth:</label><br></td>

            <td><input type="date" id="dob" name="dob" required></td></tr>

            <tr><td><label>Gender:</label><br></td>

            <td><input type="radio" id="male" name="gender" value="Male" required>

            <label for="male">Male</label><br>

            <input type="radio" id="female" name="gender" value="Female" required>

            <label for="female">Female</label></td></tr>

            <tr><td><label for="mobile\_number">Mobile Number:</label><br></td>

  <td><input type="text" id="mobile\_number"

name="mobile\_number" required></td></tr>

        </table><br>

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

            <a href="login.php">Login</a>

    </form>

</body>

</html>

//registration,php

<?php

$conn = new mysqli("localhost", "root", "", "student\_db");

if ($conn->connect\_error) {

    die("Connection failed: " . $conn->connect\_error);

}

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

    $first\_name = $\_POST['first\_name'];

    $last\_name = $\_POST['last\_name'];

    $email = $\_POST['email'];

    $dob = $\_POST['dob'];

    $gender = $\_POST['gender'];

    $mobile\_number = $\_POST['mobile\_number'];

  $sql = "INSERT INTO students (first\_name, last\_name, email, dob,

gender, mobile\_number)VALUES ('$first\_name', '$last\_name', '$email',

'$dob', '$gender', '$mobile\_number')";

    if ($conn->query($sql) === TRUE) {

        echo "Registration successful! Redirecting to login...";

        header("Location: login.php");

        exit();

    }

else {

        echo "Error: " . $conn->error;

    }

    $conn->close();

}

?>

//login.php

<?php

$conn = new mysqli("localhost", "root", "", "student\_db");

if ($conn->connect\_error) {

    die("Connection failed: " . $conn->connect\_error);

}

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

    $email = $\_POST['email'];

    $sql = "SELECT \* FROM students WHERE email = '$email'";

    $result = $conn->query($sql);

    if ($result->num\_rows > 0) {

        $row = $result->fetch\_assoc();

        setcookie('student\_id', $row['id'], time() + (86400 \* 30), "/");  // Cookie for 30 days

        header("Location: dashboard.php");

        exit();

    } else {

        echo "No user found with that email.";

    }

    $conn->close();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Student Login</title>

</head>

<body>

    <h2>Login</h2>

    <form method="POST" action="login.php">

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

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

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

    </form>

</body>

</html>

//dashboard.php

<?php

if (!isset($\_COOKIE['student\_id'])) {

    echo "Please log in to view your information.";

    exit();

}

$conn = new mysqli("localhost", "root", "", "student\_db");

if ($conn->connect\_error) {

    die("Connection failed: " . $conn->connect\_error);

}

$student\_id = $\_COOKIE['student\_id'];

$sql = "SELECT \* FROM students WHERE id = '$student\_id'";

$result = $conn->query($sql);

if ($result->num\_rows > 0) {

    $row = $result->fetch\_assoc();

    echo "<h2>Welcome, " . $row['first\_name'] . " " . $row['last\_name'] . "</h2>";

    echo "<p>Email: " . $row['email'] . "</p>";

    echo "<p>Date of Birth: " . $row['dob'] . "</p>";

    echo "<p>Gender: " . $row['gender'] . "</p>";

    echo "<p>Mobile Number: " . $row['mobile\_number'] . "</p>";

} else {

    echo "No user found.";

}

$conn->close();

?>

**RESULT**

The HTML page to demonstrate basic HTML tags has been designed.

**Experiment No:18 Date:26/9/2024**

**BASIC HTML TAGS**

**AIM**

PHP web application using MySQL database to register, login and display student information. Use PHP Sessions to retrieve information from login.[Note : Use the student registration form designed in Exp 6, initial 6 fields only)

**SOURCE CODE**

//registration2.html

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Student Registration</title>

</head>

<body>

    <h2>Student Registration</h2>

    <form method="POST" action="registration2.php">

        <table border="1">

            <tr><td><label for="first\_name">First Name:</label><br></td>

            <td><input type="text" id="first\_name"

name="first\_name" required></td></tr>

            <tr><td><label for="last\_name">Last Name:</label><br></td>

            <td><input type="text" id="last\_name"

name="last\_name" required></td></tr>

            <tr><td><label for="email">Email:</label><br></td>

            <td><input type="email" id="email" name="email" required></td></tr>

            <tr><td><label for="dob">Date of Birth:</label><br></td>

            <td><input type="date" id="dob" name="dob" required></td></tr>

            <tr><td><label>Gender:</label><br></td>

            <td><input type="radio" id="male" name="gender" value="Male" required>

            <label for="male">Male</label><br>

            <input type="radio" id="female" name="gender" value="Female" required>

            <label for="female">Female</label></td></tr>

            <tr><td><label for="mobile\_number">Mobile Number:</label><br></td>

            <td><input type="text" id="mobile\_number"

name="mobile\_number" required></td></tr>

        </table><br>

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

            <a href="login2.php">Login</a>

    </form>

</body>

</html>

//registration2.php

<?php

session\_start();

$conn = new mysqli("localhost", "root", "", "student\_db");

if ($conn->connect\_error) {

    die("Connection failed: " . $conn->connect\_error);

}

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

    $first\_name = $\_POST['first\_name'];

    $last\_name = $\_POST['last\_name'];

    $email = $\_POST['email'];

    $dob = $\_POST['dob'];

    $gender = $\_POST['gender'];

    $mobile\_number = $\_POST['mobile\_number'];

    $sql = "INSERT INTO students (first\_name, last\_name, email,

dob, gender, mobile\_number)VALUES ('$first\_name', '$last\_name',

'$email', '$dob', '$gender', '$mobile\_number')";

if ($conn->query($sql) === TRUE) {

        header("Location: login.php");

        exit();

    } else {

        echo "Error: " . $conn->error;

    }

    $conn->close();

}

?>

//login2.php

<?php

session\_start();

$conn = new mysqli("localhost", "root", "", "student\_db");

if ($conn->connect\_error) {

    die("Connection failed: " . $conn->connect\_error);

}

if ($\_SERVER['REQUEST\_METHOD'] == 'POST') {

    $email = $\_POST['email'];

    $sql = "SELECT \* FROM students WHERE email = '$email'";

    $result = $conn->query($sql);

    if ($result->num\_rows > 0) {

        $row = $result->fetch\_assoc();

        $\_SESSION['student\_id'] = $row['id'];

        $\_SESSION['first\_name'] = $row['first\_name'];

        $\_SESSION['last\_name'] = $row['last\_name'];

        header("Location: dashboard2.php");

        exit();

    } else {

        echo "No user found with that email.";

    $conn->close();

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Student Login</title>

</head>

<body>

    <h2>Login</h2>

    <form method="POST" action="login2.php">

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

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

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

    </form>

</body>

</html>

//dashboard2.php

<?php

session\_start();

if (!isset($\_SESSION['student\_id'])) {

    echo "Please log in to view your information.";

    exit();

}

$conn = new mysqli("localhost", "root", "", "student\_db");

if ($conn->connect\_error) {

    die("Connection failed: " . $conn->connect\_error);

}

$student\_id = $\_SESSION['student\_id'];

$sql = "SELECT \* FROM students WHERE id = '$student\_id'";

$result = $conn->query($sql);

if ($result->num\_rows > 0) {

    $row = $result->fetch\_assoc();

    echo "<h2>Welcome, " . $row['first\_name'] . " " . $row['last\_name'] . "</h2>";

    echo "<p>Email: " . $row['email'] . "</p>";

    echo "<p>Date of Birth: " . $row['dob'] . "</p>";

    echo "<p>Gender: " . $row['gender'] . "</p>";

    echo "<p>Mobile Number: " . $row['mobile\_number'] . "</p>";

} else {

    echo "No user found.";

}

$conn->close();0

?>

**RESULT**

The HTML page to demonstrate basic HTML tags has been designed.