Experiment no:

Date:

STUDENT REGISTRATION

AIM:

Create a student management system using php.

SOURCE CODE:

Dbconnection.php

```php
<?php
$servername="localhost";

$username="root";

$password="";

$dbname="jismi";

$conn=mysqli_connect($servername,$username,$password,$dbname);

if(!$conn)

{

die("connection failed:" .mysqli_connect_error());

}

else

{

echo "connected successfully";

}
?>
```

Insertion.php

```php
<?php
include 'dbconnection.php';

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

{

    $fname=$_POST['studentname'];

    $crse=$_POST['coursename'];
```

```php
$sem=$_POST['semester'];

$gender1=$_POST['gender'];


// Handle hobbies as an array and join them into a single string

if (isset($_POST['hobbies']))

{

    $hobbies1 = implode(", ", $_POST['hobbies']); // Convert array to comma-separated string

}

else

{

    $hobbies1 = ""; // If no hobbies are selected, set as empty

}


$sql = "INSERT INTO studentregistration(studentname,coursename,semester,gender,hobbies)VALUES ('$fname','$sem','$crse','$gender1','$hobbies1')";


if (mysqli_query($conn, $sql)) {

    header("Location: homepage.php");

} else {

    echo "Error: " . $sql . "<br>" . mysqli_error($conn);

}


mysqli_close($conn);

}

else

{

?>

<html>

<head>
```

```css
<style>
    /* General styles */
    body {
        font-family: Arial, sans-serif;
        background-color: #f4f4f4;
        margin: 0;
        padding: 0;
        display: flex;
        justify-content: center;
        align-items: center;
        min-height: 100vh;
    }

    .form-container {
        width: 100%;
        max-width: 450px; /* Reduced the width */
        background-color: #fff;
        padding: 30px;
        border-radius: 8px;
        box-shadow: 0px 4px 10px rgba(0, 0, 0, 0.1);
        box-sizing: border-box;
    }

    h2 {
        text-align: center;
        color: #333;
        margin-bottom: 20px;
    }

    .form-container label {
```

```css
    display: block;

    font-size: 14px;

    color: #333;

    margin: 8px 0 5px;

}


.form-container input[type="text"],

.form-container input[type="radio"],

.form-container input[type="checkbox"] {

    width: 100%;

    padding: 10px;

    margin-bottom: 15px;

    border: 1px solid #ccc;

    border-radius: 4px;

    box-sizing: border-box;

}


.form-container input[type="radio"],

.form-container input[type="checkbox"] {

    width: auto;

    margin: 5px 10px 5px 0;

}


.form-container input[type="submit"] {

    background-color: #4CAF50;

    color: white;

    padding: 12px 20px;

    border: none;

    border-radius: 4px;

    cursor: pointer;
```

```css
    width: 100%;

    font-size: 16px;

    margin-top: 10px;

}


.form-container input[type="submit"]:hover {

    background-color: #45a049;

}


.hobbies-label {

    display: inline-block;

    margin-right: 15px;

}


/* Media Queries for responsiveness */
@media (max-width: 768px) {

    .form-container {

        padding: 20px;

    }


    .form-container input[type="text"] {

        padding: 8px;

    }


    .form-container input[type="submit"] {

        font-size: 14px;

        padding: 10px;

    }

}
```

```
      @media (max-width: 480px) {
        .form-container {
          width: 90%;
        }


        .form-container input[type="submit"] {
          font-size: 14px;
          padding: 10px;
        }


        .form-container input[type="text"] {
          padding: 8px;
        }


        .hobbies-label {
          display: block;
          margin-bottom: 8px;
        }
      }
    }

  </style>
</head>
<body>
  <div class="form-container">
    <h2>Student Registration Form</h2>
    <form action="" method="post">
      <label for="studentname">Student Name:</label>
      <input type="text" id="studentname" name="studentname" required><br>


      <label for="semester">Semester:</label>
```

```html
        <input type="text" id="semester" name="semester" required><br>

        <label for="coursename">Course:</label>
        <input type="text" id="coursename" name="coursename" required><br>

        <label>Gender:</label>
        <input type="radio" name="gender" value="female" required> Female
        <input type="radio" name="gender" value="male" required> Male<br>

        <label>Hobbies:</label>
        <div class="hobbies-label">
            <input type="checkbox" name="hobbies[]" value="sports"> Sports
        </div>
        <div class="hobbies-label">
            <input type="checkbox" name="hobbies[]" value="reading"> Reading
        </div>
        <div class="hobbies-label">
            <input type="checkbox" name="hobbies[]" value="dance"> Dance
        </div>
        <div class="hobbies-label">
            <input type="checkbox" name="hobbies[]" value="music"> Music<br>
        </div>

        <input type="submit" name="submit" value="Submit">
    </form>
  </div>
</body>
</html>
<?php
}
```

?>

Homepage.php

```php
<html>
<head>
    <style>
        /* General body styling */
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
            min-height: 100vh;
        }

        /* Container for links */
        .menu-container {
            background-color: #fff;
            padding: 30px;
            border-radius: 8px;
            box-shadow: 0px 4px 15px rgba(0, 0, 0, 0.1);
            text-align: center;
            width: 100%;
            max-width: 400px;
        }

        /* Styling the links */
```

```css
a {
    display: block;
    text-decoration: none;
    color: #333;
    font-size: 18px;
    margin: 15px 0;
    padding: 12px;
    background-color: #4CAF50;
    border-radius: 4px;
    transition: background-color 0.3s ease, color 0.3s ease;
}

/* Hover effect on the links */
a:hover {
    background-color: #45a049;
    color: white;
}

/* Add space between links */
a:last-child {
    margin-bottom: 0;
}

/* Optional: Adding a header for context */
h1 {
    font-size: 24px;
    color: #333;
    margin-bottom: 20px;
}
</style>
```

```html
</head>
<body>

    <div class="menu-container">
        <h1>Student Management</h1>
        <a href="studentlogin.php">Home</a>
        <a href="insertion.php">Add Student Details</a>
        <a href="viewall.php">View All Students</a>
        <a href="search.php">Search a Student with a Student Id</a>
        <a href="delete.php">Delete a Student</a>
        <a href="update1.php">Update Student Details</a>
        <a href="logout.php">Logout</a>
    </div>

</body>
</html>
```

Studentlogin.php

```php
<?php
session_start();

$validUsername = "admin";
$validPassword = "password";

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    $username = $_POST['username'];
    $password = $_POST['password'];

    if ($username === $validUsername && $password === $validPassword) {
        // Store user info in session
```

```php
        $_SESSION['username'] = $username;

        $_SESSION['loggedin'] = true;


        // Redirect to a protected page

        header("Location: homepage.php");

        exit();

    } else {

        $error = "Invalid username or password!";

    }

}

?>
```

```html
<!DOCTYPE html>

<html>

<head>

    <title>Login</title>

    <style>

        /* General body styling */

        body {

            font-family: Arial, sans-serif;

            background-color: #f4f4f4;

            margin: 0;

            padding: 0;

            display: flex;

            justify-content: center;

            align-items: center;

            min-height: 100vh;

        }


        /* Center the login form */
```

```css
.login-container {
    background-color: #fff;
    padding: 40px;
    border-radius: 8px;
    box-shadow: 0px 4px 15px rgba(0, 0, 0, 0.1);
    text-align: center;
    width: 100%;
    max-width: 400px;
}

/* Title styling */
h2 {
    color: #333;
    margin-bottom: 20px;
}

/* Input field styling */
input[type="text"],
input[type="password"] {
    width: 100%;
    padding: 12px;
    margin: 10px 0;
    border: 1px solid #ccc;
    border-radius: 4px;
    box-sizing: border-box;
    font-size: 16px;
}

/* Submit button styling */
button {
```

```css
    background-color: #4CAF50;

    color: white;

    padding: 12px 20px;

    border: none;

    border-radius: 4px;

    font-size: 16px;

    cursor: pointer;

    width: 100%;

}


/* Button hover effect */
button:hover {

    background-color: #45a049;

}


/* Error message styling */
p {

    color: red;

    font-size: 14px;

}


/* Responsive design for smaller screens */
@media (max-width: 480px) {

    .login-container {

        padding: 20px;

        width: 90%;

    }


    input[type="text"], input[type="password"], button {

        font-size: 14px;
```

```
                padding: 10px;
            }
        }
    </style>
</head>
<body>

    <div class="login-container">
        <h2>Login</h2>
        <?php if (!empty($error)) echo "<p>$error</p>"; ?>
        <form method="POST" action="">
            <label for="username">Username:</label>
            <input type="text" name="username" required><br>


            <label for="password">Password:</label>
            <input type="password" name="password" required><br>


            <button type="submit">Login</button>
        </form>
    </div>

</body>
</html>
```

Deletion.php

```php
<?php
include 'dbconnection.php';
if(isset($_POST['submit']))
{
    $id1=$_POST['id'];
```

```php
$sql = "DELETE FROM studentregistration WHERE studentid='$id1'";

if (mysqli_query($conn, $sql)) {
    header("Location: homepage.php");
} else {
    echo "Error deleting record: " . mysqli_error($conn);
}

mysqli_close($conn);
}
else
{
?>
```
```html
<html>
<head>
    <title>Delete Student</title>
    <style>
        /* General body styling */
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
            min-height: 100vh;
        }

        /* Centering the form */
```

```css
.form-container {
    background-color: #fff;

    padding: 40px;

    border-radius: 8px;

    box-shadow: 0px 4px 15px rgba(0, 0, 0, 0.1);

    text-align: center;

    width: 100%;

    max-width: 300px; /* Reduced the width */
}


/* Title styling */
h2 {
    color: #333;

    margin-bottom: 20px;
}


/* Input field styling */
input[type="text"] {
    width: 100%;

    padding: 12px;

    margin: 10px 0;

    border: 1px solid #ccc;

    border-radius: 4px;

    box-sizing: border-box;

    font-size: 16px;
}


/* Submit button styling */
input[type="submit"] {
    background-color: #f44336;
```

```css
      color: white;

      padding: 12px 20px;

      border: none;

      border-radius: 4px;

      font-size: 16px;

      cursor: pointer;

      width: 100%;

    }


    /* Button hover effect */

    input[type="submit"]:hover {

      background-color: #e53935;

    }


    /* Responsive design for smaller screens */

    @media (max-width: 480px) {

      .form-container {

        padding: 20px;

        width: 90%;

      }


      input[type="text"], input[type="submit"] {

        font-size: 14px;

        padding: 10px;

      }

    }
  </style>
</head>
<body>
```

```html
<div class="form-container">
    <h2>Delete Student</h2>
    <form action="" method="post">
        <label for="id">Student Id:</label>
        <input type="text" name="id" required><br>

        <input type="submit" name="submit" value="Delete">
    </form>
</div>


</body>
</html>
```
```php
<?php
}
?>
```

Update1.php
```php
<?php
include 'dbconnection.php';

if (isset($_GET['studentid'])) {
    $studentid = $_GET['studentid'];

    // Fetch the existing data for the given student ID
    $sql = "SELECT * FROM studentregistration WHERE studentid = '$studentid'";
    $result = mysqli_query($conn, $sql);

    if (mysqli_num_rows($result) > 0) {
        $student = mysqli_fetch_assoc($result);
```

```php
        // Redirect to the update page with student data
        $query = http_build_query($student);
        header("Location: update2.php?$query");
        exit();
    } else {
        echo "No student found with ID: $studentid";
    }
}
?>
```

```html
<!DOCTYPE html>
<html>
<head>
    <title>Retrieve Student Details</title>
    <style>
        /* General body styling */
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
            min-height: 100vh;
        }

        /* Form container */
        .form-container {
            background-color: #fff;
```

```css
    padding: 40px;

    border-radius: 8px;

    box-shadow: 0px 4px 15px rgba(0, 0, 0, 0.1);

    text-align: center;

    width: 100%;

    max-width: 300px; /* Reduced the width */

}


/* Title styling */
h2 {

    color: #333;

    margin-bottom: 20px;

}


/* Input field styling */
input[type="text"] {

    width: 100%;

    padding: 12px;

    margin: 10px 0;

    border: 1px solid #ccc;

    border-radius: 4px;

    box-sizing: border-box;

    font-size: 16px;

}


/* Button styling */
button {

    background-color: #4CAF50;

    color: white;

    padding: 12px 20px;
```

```css
        border: none;

        border-radius: 4px;

        font-size: 16px;

        cursor: pointer;

        width: 100%;

    }


    /* Button hover effect */

    button:hover {

        background-color: #45a049;

    }


    /* Responsive design for smaller screens */

    @media (max-width: 480px) {

        .form-container {

            padding: 20px;

            width: 90%;

        }


        input[type="text"], button {

            font-size: 14px;

            padding: 10px;

        }

    }

</style>
</head>
<body>


    <div class="form-container">

        <h2>Retrieve Student Details</h2>
```

```html
<form method="GET" action="">
    <label for="studentid">Student ID:</label>
    <input type="text" name="studentid" id="studentid" required>
    <button type="submit">Retrieve</button>
</form>
</div>


</body>
</html>
```

Update2.php

```php
<?php
include 'dbconnection.php';

if ($_SERVER['REQUEST_METHOD'] === 'POST' && isset($_POST['submit'])) {
    // Handle form submission
    $id = $_POST['id'];
    $name = $_POST['name'];
    $semester = $_POST['semester'];
    $course = $_POST['course'];
    $gender = $_POST['gender'];
    $hobbies = isset($_POST['hobbies']) ? implode(", ", $_POST['hobbies']) : "";

    // Update student details
    $sql = "UPDATE studentregistration
        SET studentname = '$name', semester = '$semester', coursename = '$course', gender = '$gender', hobbies = '$hobbies'
        WHERE studentid = '$id'";

    if (mysqli_query($conn, $sql)) {
        header("Location: homepage.php");
```

```php
    } else {
        echo "Error: " . mysqli_error($conn);
    }

    mysqli_close($conn);
    exit();
}


// Retrieve student data from query parameters
if (isset($_GET['studentid'])) {
    $student = $_GET;
} else {
    echo "No student data provided.";
    exit();
}
?>
```

```html
<!DOCTYPE html>
<html>
<head>
    <title>Update Student Details</title>
    <style>
        /* General body styling */
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
```

```css
    align-items: center;

    min-height: 100vh;

}


/* Form container */

.form-container {

    background-color: #fff;

    padding: 30px;

    border-radius: 8px;

    box-shadow: 0px 4px 15px rgba(0, 0, 0, 0.1);

    width: 100%;

    max-width: 350px;

    display: grid;

    gap: 20px;

}


/* Title styling */

h2 {

    color: #333;

    text-align: center;

    margin-bottom: 20px;

}


/* Label styling */

label {

    font-size: 16px;

    color: #333;

    margin-bottom: 8px;

    display: block;

}
```

```css
/* Input field styling */
input[type="text"], input[type="radio"], input[type="checkbox"], button {
    width: 100%;
    padding: 10px;
    margin-bottom: 10px;
    border: 1px solid #ccc;
    border-radius: 4px;
    font-size: 16px;
}

/* Button styling */
button {
    background-color: #4CAF50;
    color: white;
    padding: 12px;
    border: none;
    border-radius: 4px;
    font-size: 16px;
    cursor: pointer;
}

/* Button hover effect */
button:hover {
    background-color: #45a049;
}

/* Flex container for gender and hobbies */
.flex-container {
    display: flex;
```

```css
    flex-wrap: wrap;

    gap: 15px;

    justify-content: flex-start;

}


.flex-container div {

    display: flex;

    align-items: center;

}


/* Responsive design for smaller screens */

@media (max-width: 480px) {

    .form-container {

        padding: 20px;

        width: 90%;

    }


    input[type="text"], button {

        font-size: 14px;

        padding: 10px;

    }


    .flex-container {

        flex-direction: column;

        align-items: flex-start;

    }


    .flex-container div {

        margin-bottom: 10px;

    }
```

```html
            }
    </style>
</head>
<body>

    <div class="form-container">
        <h2>Update Student Details</h2>
        <form method="POST" action="">
            <input type="hidden" name="id" value="<?php echo $student['studentid']; ?>">


            <label for="name">Name:</label>
            <input type="text" name="name" value="<?php echo $student['studentname']; ?>" required>


            <label for="semester">Semester:</label>
            <input type="text" name="semester" value="<?php echo $student['semester']; ?>" required>


            <label for="course">Course:</label>
            <input type="text" name="course" value="<?php echo $student['coursename']; ?>" required>


            <label>Gender:</label>
            <div class="flex-container">
                <div>
                    <input type="radio" name="gender" value="male" <?php if ($student['gender'] == 'male') echo 'checked'; ?>> Male
                </div>
                <div>
                    <input type="radio" name="gender" value="female" <?php if ($student['gender'] == 'female') echo 'checked'; ?>> Female
                </div>
```

```
        </div>


        <label for="hobbies">Hobbies:</label>
        <div class="flex-container">
            <?php $existingHobbies = explode(", ", $student['hobbies']); ?>
            <div>
                <input type="checkbox" name="hobbies[]" value="sports" <?php if
(in_array("sports", $existingHobbies)) echo 'checked'; ?>> Sports
            </div>
            <div>
                <input type="checkbox" name="hobbies[]" value="music" <?php if
(in_array("music", $existingHobbies)) echo 'checked'; ?>> Music
            </div>
            <div>
                <input type="checkbox" name="hobbies[]" value="dance" <?php if
(in_array("dance", $existingHobbies)) echo 'checked'; ?>> Dance
            </div>
            <div>
                <input type="checkbox" name="hobbies[]" value="reading" <?php if
(in_array("reading", $existingHobbies)) echo 'checked'; ?>> Reading
            </div>
        </div>
        <button type="submit" name="submit">Update</button>
    </form>
  </div>
</body>
</html>
```

Search.php

```
<?php
include 'dbconnection.php';
```

```php
if(isset($_POST['submit'])) {

    $id1 = $_POST['id'];

    $sql = "SELECT * FROM studentregistration WHERE studentid='$id1'";

    $result = mysqli_query($conn, $sql);


    if (mysqli_num_rows($result) > 0) {

        // Output data of each row

        while($row = mysqli_fetch_assoc($result)) {

            echo "<br>Id: " . $row["studentid"]. "<br>Name: " . $row["studentname"].
"<br>Semester: " . $row["semester"]. "<br>Course: " . $row["coursename"]. "<br>Gender: "
. $row["gender"] . "<br>Hobbies: " . $row["hobbies"] . "<br>";

        }

    } else {

        echo "0 results";

    }

    mysqli_close($conn);

} else {

?>

<!DOCTYPE html>

<html>

<head>

    <title>Search Student</title>

    <style>

        /* General body styling */

        body {

            font-family: Arial, sans-serif;

            background-color: #f4f4f4;

            margin: 0;

            padding: 0;

            display: flex;

            justify-content: center;
```

```css
    align-items: center;

    min-height: 100vh;

}


/* Form container */

.form-container {

    background-color: #fff;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0px 4px 15px rgba(0, 0, 0, 0.1);

    width: 100%;

    max-width: 350px; /* Reduced width */

    text-align: center;

}


/* Input fields and labels styling */

label {

    font-size: 16px;

    color: #333;

    margin-bottom: 8px;

    display: block;

}


input[type="text"] {

    width: 100%;

    padding: 10px;

    margin-bottom: 15px;

    border: 1px solid #ccc;

    border-radius: 4px;

    font-size: 16px;
```

```css
}

/* Submit button styling */
input[type="submit"] {
    width: 100%;
    padding: 12px;
    background-color: #4CAF50;
    color: white;
    border: none;
    border-radius: 4px;
    font-size: 16px;
    cursor: pointer;
}

/* Button hover effect */
input[type="submit"]:hover {
    background-color: #45a049;
}

/* Output section styling */
.output {
    margin-top: 20px;
    padding: 20px;
    background-color: #f9f9f9;
    border: 1px solid #ddd;
    border-radius: 4px;
}

/* Responsive design for smaller screens */
@media (max-width: 480px) {
```

```css
    .form-container {

      padding: 15px;

      width: 90%;

    }


    input[type="text"], input[type="submit"] {

      font-size: 14px;

      padding: 10px;

    }

  }

</style>
</head>
<body>


  <div class="form-container">

    <h2>Search Student</h2>

    <form action="" method="post">

      <label for="id">Student Id:</label>

      <input type="text" name="id" required>


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

    </form>


    <!-- Output the student data -->

    <?php if (isset($_POST['submit']) && mysqli_num_rows($result) > 0) { ?>

      <div class="output">

        <!-- Student data will be displayed here -->

        <h3>Student Details:</h3>

        <?php

          while($row = mysqli_fetch_assoc($result)) {
```

```php
            echo "Id: " . $row["studentid"]. "<br>Name: " . $row["studentname"].
"<br>Semester: " . $row["semester"]. "<br>Course: " . $row["coursename"]. "<br>Gender: "
. $row["gender"] . "<br>Hobbies: " . $row["hobbies"] . "<br>";

        }
    ?>
    </div>
<?php
}
?>
</div>
</body>
</html>
<?php
}
?>
```

Viewall.php

```php
<?php
include 'dbconnection.php';
$sql = "SELECT * FROM studentregistration";
$result = mysqli_query($conn, $sql);

if (mysqli_num_rows($result) > 0) {
    // Output data of each row
    while ($row = mysqli_fetch_assoc($result)) {
        echo "<div class='student-details'>";
        echo "<p><strong>ID:</strong> " . $row["studentid"] . "</p>";
        echo "<p><strong>Name:</strong> " . $row["studentname"] . "</p>";
        echo "<p><strong>Semester:</strong> " . $row["semester"] . "</p>";
        echo "<p><strong>Course:</strong> " . $row["coursename"] . "</p>";
        echo "<p><strong>Gender:</strong> " . $row["gender"] . "</p>";
```

```php
      echo "<p><strong>Hobbies:</strong> " . $row["hobbies"] . "</p>";

      echo "</div>";

    }

} else {

  echo "<p>No results found.</p>";

}

mysqli_close($conn);

?>
```

```html
<!DOCTYPE html>

<html>

<head>

    <title>View Students</title>

    <style>

      /* General body styling */

      body {

          font-family: Arial, sans-serif;

          background-color: #f4f4f4;

          margin: 0;

          padding: 0;

          display: flex;

          justify-content: center;

          align-items: center;

          min-height: 100vh;

          flex-direction: column;

      }


      /* Container for student details */

      .student-details {

          background-color: #fff;

          padding: 20px;
```

```css
    margin-bottom: 20px;

    border-radius: 8px;

    box-shadow: 0px 4px 15px rgba(0, 0, 0, 0.1);

    width: 80%;

    max-width: 500px;

    margin-top: 20px;

}


/* Styling for each piece of student information */
.student-details p {

    font-size: 16px;

    color: #333;

    margin: 10px 0;

}


.student-details strong {

    color: #4CAF50; /* Green for labels */

}


/* Back link styling */
a {

    color: #4CAF50;

    text-decoration: none;

    font-size: 18px;

    margin-top: 20px;

    display: inline-block;

}
a:hover {

    text-decoration: underline;

}
```

```css
            /* Position the back button at the bottom and center it */
            .back-btn-container {
                position: absolute;
                bottom: 20px; /* Place it at the bottom */
                left: 50%; /* Center horizontally */
                transform: translateX(-50%); /* Adjust for exact centering */
            }


            /* Responsive design for smaller screens */
            @media (max-width: 480px) {
                .student-details {
                    width: 90%;
                    padding: 15px;
                }
                a {
                    font-size: 16px;
                }
            }
        </style>
    </head>
    <body>
        <div class="student-details-container">
            <?php
            if (mysqli_num_rows($result) > 0) {
                while ($row = mysqli_fetch_assoc($result)) {
                    echo "<div class='student-details'>";
                    echo "<p><strong>ID:</strong> " . $row["studentid"] . "</p>";
                    echo "<p><strong>Name:</strong> " . $row["studentname"] . "</p>";
                    echo "<p><strong>Semester:</strong> " . $row["semester"] . "</p>";
```

```php
        echo "<p><strong>Course:</strong> " . $row["coursename"] . "</p>";

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

        echo "<p><strong>Hobbies:</strong> " . $row["hobbies"] . "</p>";

        echo "</div>";

      }

    } else {

      echo "<p>No results found.</p>";

    }

    ?>

  </div>

  <!-- Back button -->

  <div class="back-btn-container">

    <a href="homepage.php">&lt; Back</a>

  </div>

</body>

</html>
```

Logout.php

```php
<?php

session_start();  // Start the session to store login status

// Define hardcoded username and password for validation

$validUsername = "admin";

$validPassword = "password";


// Check if the form is submitted

if ($_SERVER["REQUEST_METHOD"] == "POST") {

  // Retrieve username and password from POST data

  $username = $_POST['username'];

  $password = $_POST['password'];

  // Validate the credentials
```

```php
    if ($username === $validUsername && $password === $validPassword) {
        // Store session variables for the logged-in user
        $_SESSION['username'] = $username;
        $_SESSION['loggedin'] = true;

        // Redirect to the homepage or a protected page
        header("Location: homepage.php");
        exit();
    } else {
        // Show error message for invalid credentials
        $error = "Invalid username or password!";
    }
}
?>
```

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            background-color: #f4f4f4;
            margin: 0;
            padding: 0;
            display: flex;
            justify-content: center;
            align-items: center;
```

```css
    height: 100vh;

    background-color: #e0e0e0;

}


.login-container {

    background-color: #fff;

    padding: 20px;

    border-radius: 8px;

    box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);

    width: 100%;

    max-width: 400px;

    text-align: center;

    box-sizing: border-box;

}
h2 {

    color: #333;

    margin-bottom: 20px;

}
label {

    display: block;

    margin-bottom: 5px;

    text-align: left;

    font-size: 14px;

}


input[type="text"], input[type="password"] {

    width: 100%;

    padding: 10px;

    margin-bottom: 15px;

    border: 1px solid #ccc;
```

```css
    border-radius: 4px;

    font-size: 14px;

    box-sizing: border-box; /* Ensure padding and border are included in the width */

}


button {

    width: 100%;

    padding: 10px;

    background-color: #4CAF50;

    color: white;

    border: none;

    border-radius: 4px;

    font-size: 16px;

    cursor: pointer;

    box-sizing: border-box; /* Ensure padding and border are included in the width */

}
button:hover {

    background-color: #45a049;

}
.error {

    color: red;

    text-align: center;

    margin-bottom: 10px;

}
.login-link {

    margin-top: 15px;

}
.login-link a {

    text-decoration: none;

    color: #4CAF50;
```

```
        }
        .login-link a:hover {
            text-decoration: underline;
        }
    </style>
</head>
<body>
    <div class="login-container">
        <h2>Login</h2>
        <!-- Show error message if credentials are invalid -->
        <?php if (isset($error)): ?>
            <div class="error"><?php echo $error; ?></div>
        <?php
        endif;
        ?>
        <form method="POST" action="">
            <label for="username">Username:</label>
            <input type="text" name="username" id="username" required>


            <label for="password">Password:</label>
            <input type="password" name="password" id="password" required>
            <button type="submit">Login</button>
        </form>
        <div class="login-link">
            <a href="studentlogin.php">Don't have an account? Sign up here.</a>
        </div>
    </div>
</body>
</html>
```
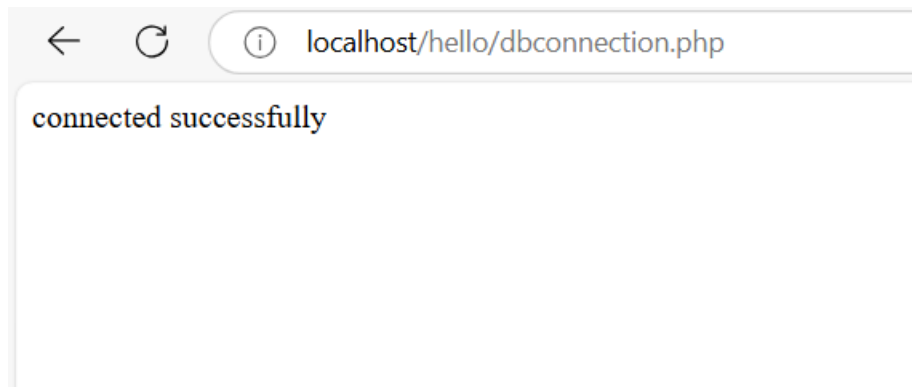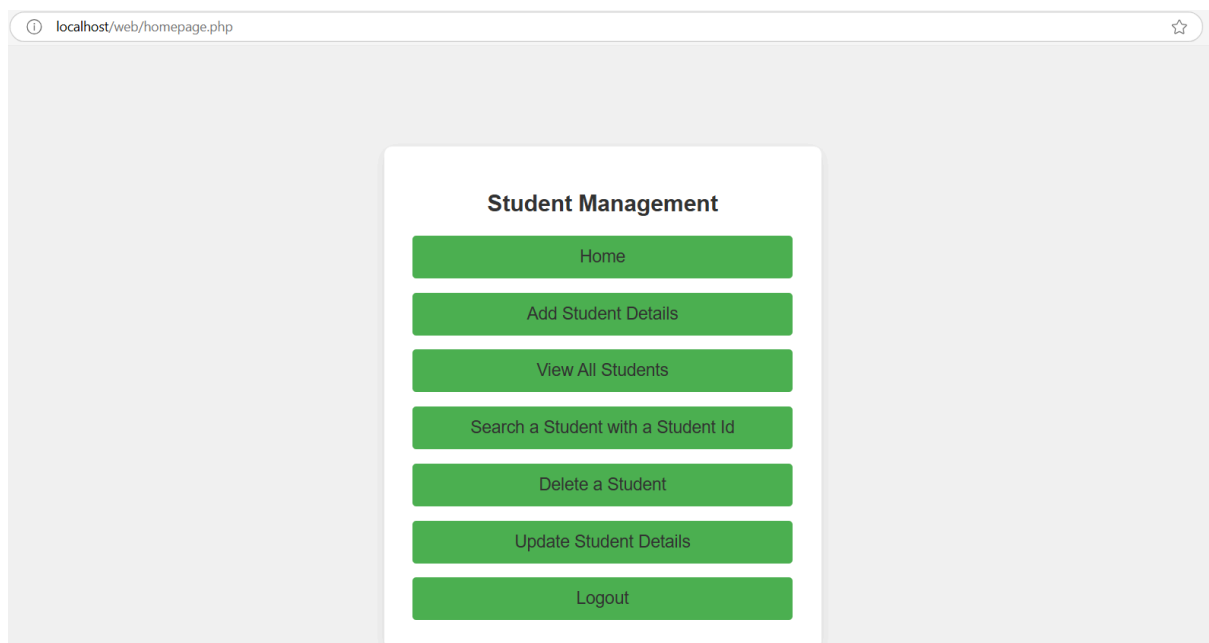
OUTPUT:

connected successfully

Student homepage.php

Student login.php

Student registration.php

Student Registration Form

Student Name:

Jijo

Semester:

s1

Course:

CA

Gender:
○ Female ◉ Male

Hobbies:
☑ Sports ☑ Reading ☑ Dance ☐ Music

Submit

Viewall.php

connected successfully

ID: 1
Name: Jijo U L
Semester: MCA
Course: s2
Gender: male
Hobbies: sports, dance, reading

ID: 3
Name: Anu
Semester: MCA
Course: s1
Gender: male
Hobbies: sports, reading

Search.php
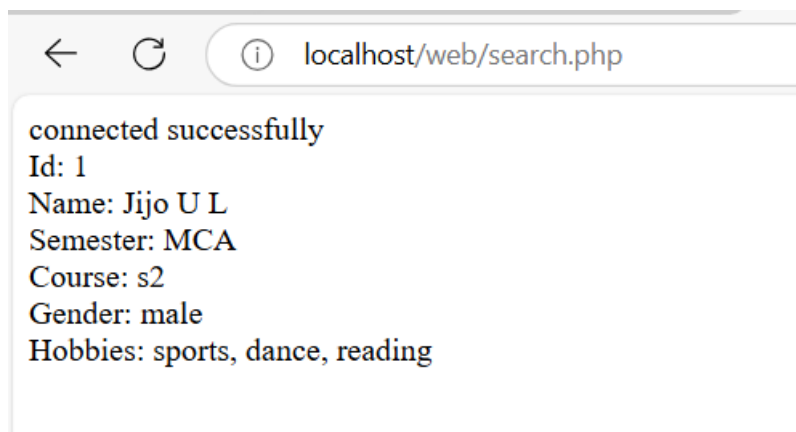
connected successfully
Id: 1
Name: Jijo U L
Semester: MCA
Course: s2
Gender: male
Hobbies: sports, dance, reading

Deletion.php

connected successfully

ID: 1
Name: Jijo U L
Semester: MCA
Course: s2
Gender: male
Hobbies: sports, dance, reading

< Back

Retrieve Student Details

Student ID:

1

Retrieve

Update.php

Update Student Details

Name:

Jijo U L

Semester:

MCA

Course:

s3

Gender:

◉ Male   ○ Female

Hobbies:

☐ Sports ☐ Music ☑ Dance ☑ Reading

Update

connected successfully

ID: 1

Name: Jijo U L

Semester: MCA

Course: s3

Gender: male

Hobbies: dance, reading

< Back