

**WEB TECHNOLOGIES**

**LAB-5**

**NAME:**

SUDANA SHASHI KIRAN

**REDG NUMBER:**

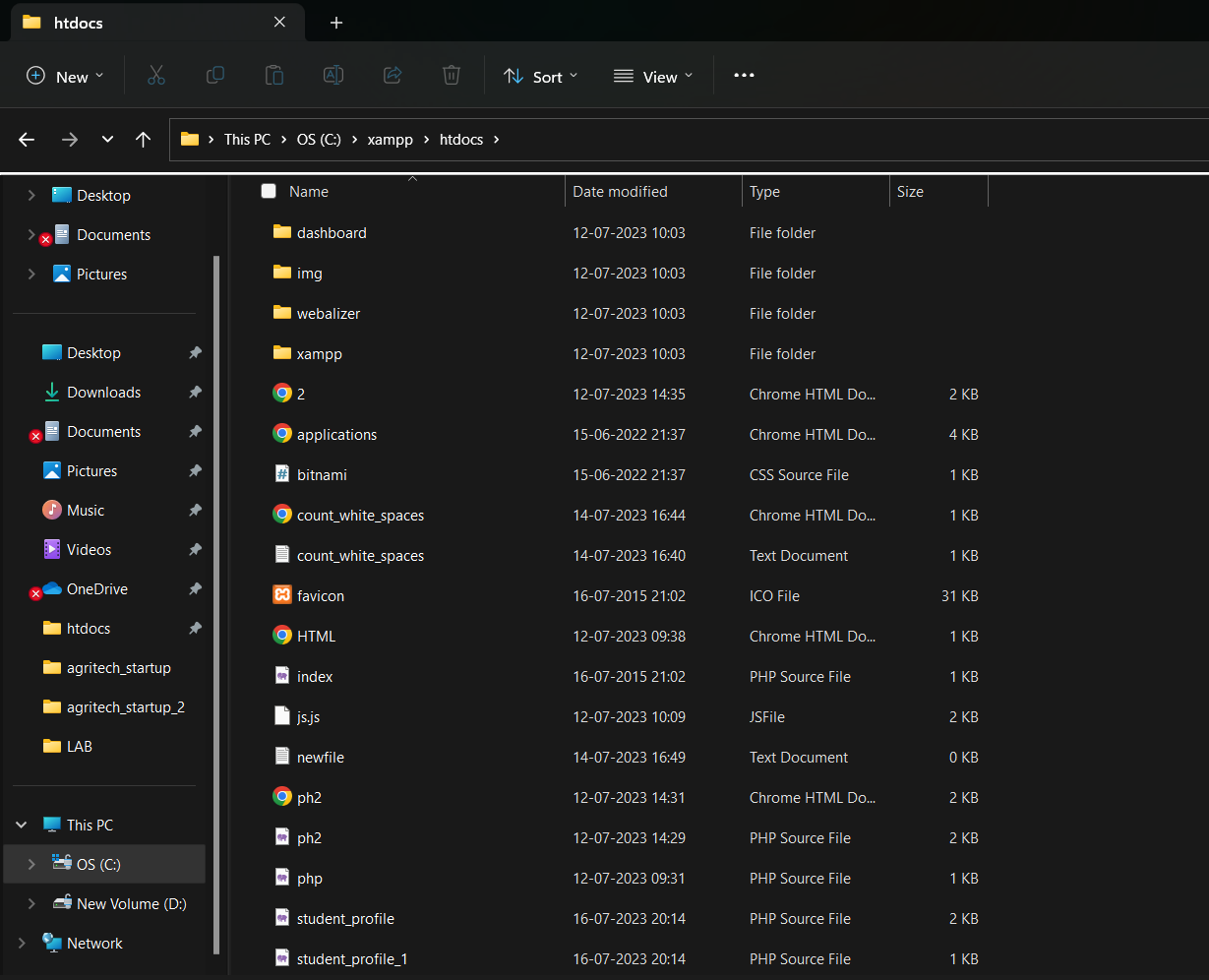
21BCE8644

**PROFFESOR:**

# DR. SHAIK KAREEMULLA

**Create a dynamic web page named student\_profile add it into the website. It should ask the registration number and upon giving the registration number it should display the student details. (use AJAX and JSON).**

**SCREENSHOT OF FILES :**



**student\_profile.html:**

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

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

<title>Student Profile</title>

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

</head>

<body>

<div class="container">

<h1>Student Profile</h1>

<label for="regNumber">Enter Registration Number:</label>

<input type="text" id="regNumber" placeholder="Registration Number">

<button onclick="getStudentDetails()">Get Student Details</button>

<div id="studentDetails"></div>

</div>

<script src="student\_profile.js"></script>

</body>

</html>

**get\_student\_details.php:**

<?php

// Simulated student data (replace this with your database access or data retrieval logic)

$students = [

'12345' => [

'name' => 'John Doe',

'age' => 20,

'department' => 'Computer Science',

],

'67890' => [

'name' => 'Jane Smith',

'age' => 21,

'department' => 'Electrical Engineering',

],

// Add more student data as needed

];

if (isset($\_GET['registration\_number'])) {

$regNumber = $\_GET['registration\_number'];

if (array\_key\_exists($regNumber, $students)) {

echo json\_encode($students[$regNumber]);

} else {

echo json\_encode(['error' => 'Student not found']);

}

}

?>

**student\_profile.js:**

function getStudentDetails() {

const regNumber = document.getElementById('regNumber').value;

const studentDetailsDiv = document.getElementById('studentDetails');

// Clear previous details

studentDetailsDiv.innerHTML = '';

// AJAX request to fetch student details

const xhr = new XMLHttpRequest();

xhr.onreadystatechange = function() {

if (xhr.readyState === 4) {

if (xhr.status === 200) {

const response = JSON.parse(xhr.responseText);

if (response.error) {

studentDetailsDiv.innerText = response.error;

} else {

studentDetailsDiv.innerHTML = `

<h2>Name: ${response.name}</h2>

<p>Age: ${response.age}</p>

<p>Department: ${response.department}</p>

`;

}

} else {

studentDetailsDiv.innerText = 'Error retrieving student details';

}

}

};

xhr.open('GET', `get\_student\_details.php?registration\_number=${regNumber}`, true);

xhr.send();

}

**styles.css:**

body {

font-family: Arial, sans-serif;

text-align: center;

}

.container {

max-width: 400px;

margin: 0 auto;

padding: 20px;

border: 1px solid #ccc;

}

input[type="text"] {

width: 100%;

padding: 8px;

margin: 8px 0;

}

button {

padding: 8px 16px;

background-color: #4CAF50;

color: white;

border: none;

cursor: pointer;

}

button:hover {

background-color: #45a049;

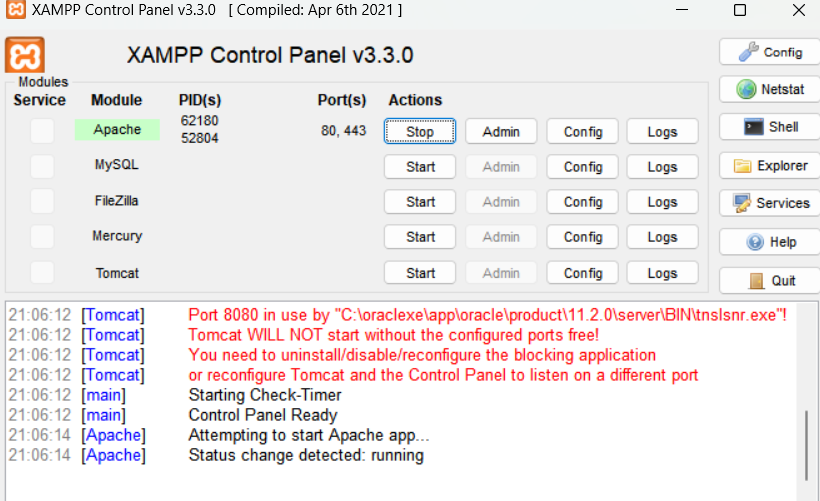
}

#studentDetails {

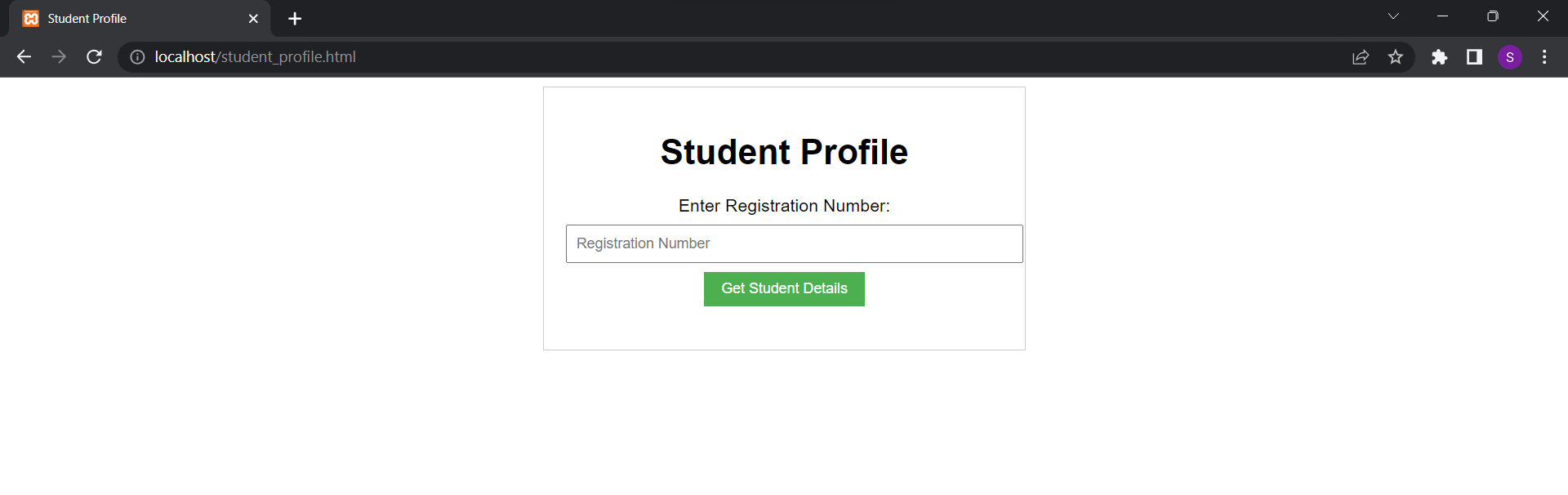
margin-top: 20px;

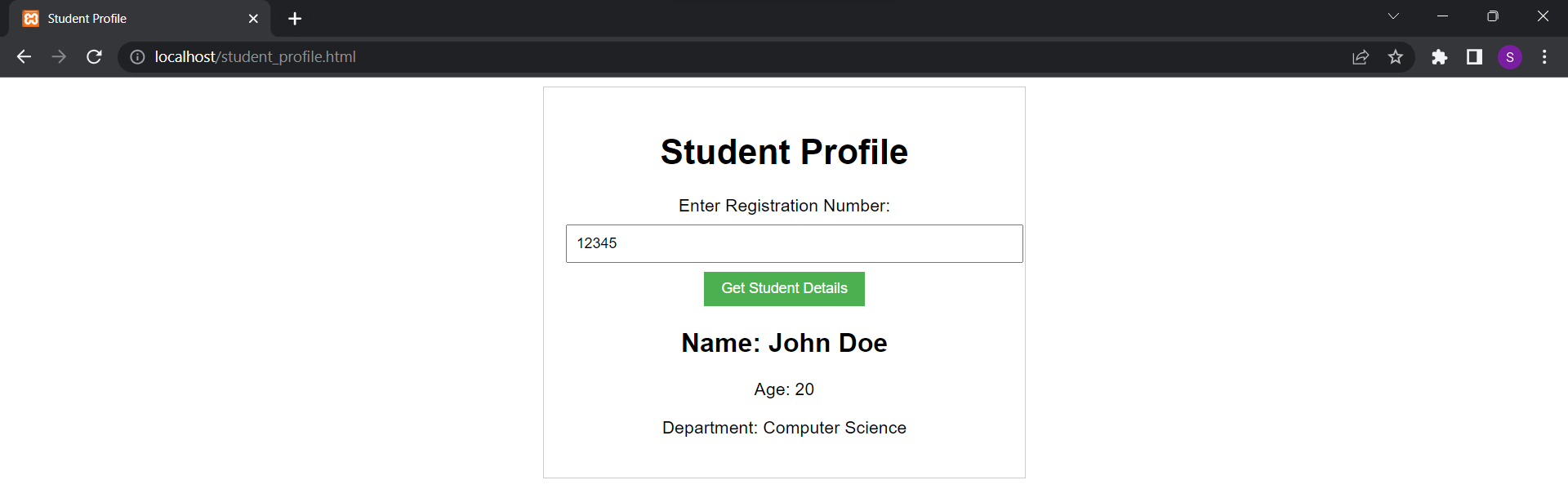
}

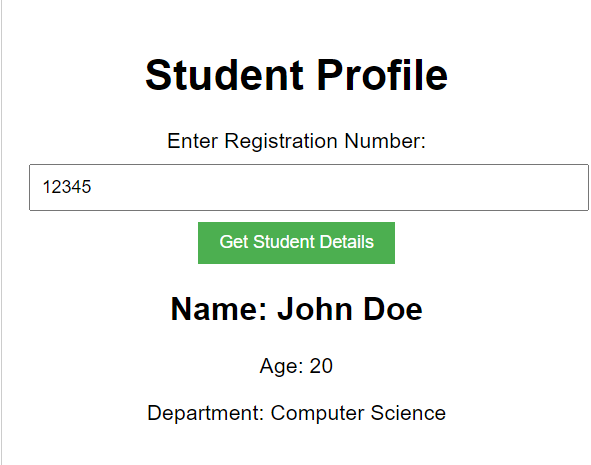
**XAMPP:**

****

**OUTPUT:**

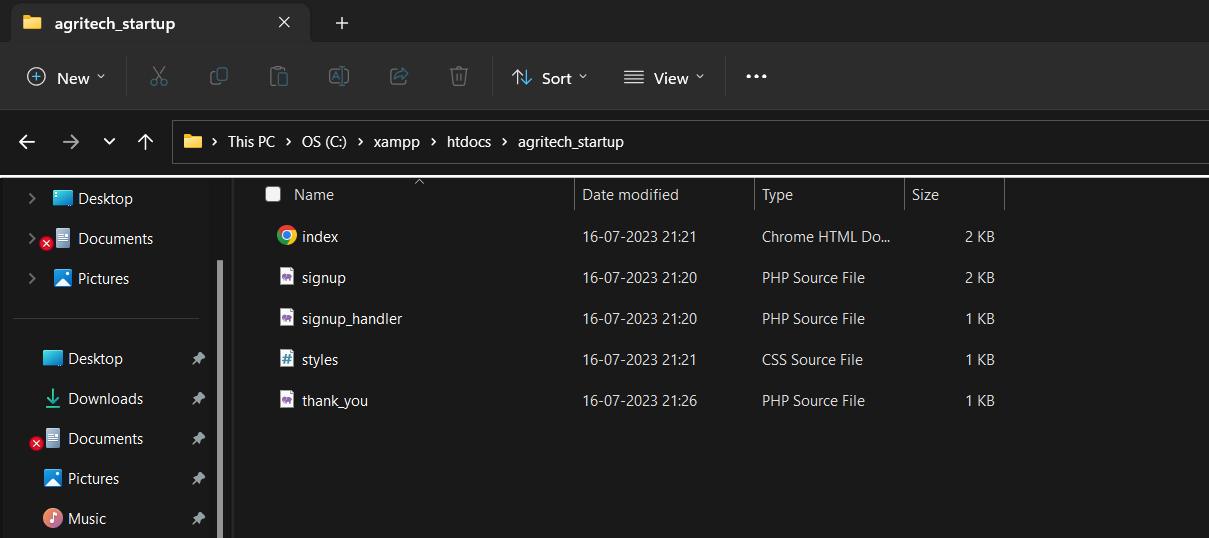
.





**5.**

1. **Design a website for agri-tech startup, where different stakeholders can signup (firstname,lastname,password,repeat password,dateofbirth,state and country. provide a check box to accept terms and conditons of your site.) use HTML,CSS, javascript and PHP.**



**Index.html:**

<!DOCTYPE html>

<html>

<head>

<title>Agritech Startup</title>

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

</head>

<body>

<header>

<h1>Agritech Startup</h1>

</header>

<nav>

<!-- Include navigation links here if needed -->

</nav>

<main>

<h2>Welcome to Agritech Startup!</h2>

<p>Sign up to get started.</p>

<a href="signup.php" class="signup-link">Sign Up</a>

</main>

<footer>

<p>&copy; 2023 Agritech Startup. All rights reserved.</p>

</footer>

</body>

</html>

body {

  font-family: Arial, sans-serif;

  margin: 0;

  padding: 0;

}

header {

  background-color: #33cc99;

  padding: 10px;

  text-align: center;

}

nav {

  background-color: #f2f2f2;

  padding: 10px;

  text-align: center;

}

main {

  padding: 20px;

  text-align: center;

}

footer {

  background-color: #333;

  color: #fff;

  padding: 10px;

  text-align: center;

}

.signup-link {

  display: inline-block;

  padding: 10px 20px;

  background-color: #33cc99;

  color: #fff;

  text-decoration: none;

  border-radius: 4px;

}

**signup.php:**

<!DOCTYPE html>

<html>

<head>

<title>Signup - Agritech Startup</title>

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

</head>

<body>

<header>

<h1>Agritech Startup</h1>

</header>

<nav>

<!-- Include navigation links here if needed -->

</nav>

<main>

<h2>Sign Up</h2>

<form action="signup\_handler.php" method="post" onsubmit="return validateForm()">

<label for="firstname">First Name:</label>

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

<label for="lastname">Last Name:</label>

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

<label for="password">Password:</label>

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

<label for="repeat\_password">Repeat Password:</label>

<input type="password" id="repeat\_password" name="repeat\_password" required><br>

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

<input type="date" id="dob" name="dob" required><br>

<label for="state">State:</label>

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

<label for="country">Country:</label>

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

<label>

<input type="checkbox" name="terms" required>

I accept the terms and conditions of this site.

</label><br>

<input type="submit" value="Sign Up">

</form>

</main>

<footer>

<p>&copy; 2023 Agritech Startup. All rights reserved.</p>

</footer>

<script>

function validateForm() {

// Add additional validation if needed

const password = document.getElementById("password").value;

const repeatPassword = document.getElementById("repeat\_password").value;

if (password !== repeatPassword) {

alert("Passwords do not match!");

return false;

}

return true;

}

</script>

</body>

</html>

**Signup\_handler.php:**

<?php

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

// Retrieve form data

$firstname = $\_POST["firstname"];

$lastname = $\_POST["lastname"];

$password = $\_POST["password"];

$dob = $\_POST["dob"];

$state = $\_POST["state"];

$country = $\_POST["country"];

// Save the data to your database or perform any other desired actions

// (Note: This example does not include database interactions.)

// You can redirect the user to a "Thank You" page after successful signup

header("Location: thank\_you.php");

exit();

}

?>

**Thank\_you.php:**

<!DOCTYPE html>

<html>

<head>

<title>Thank You - Agritech Startup</title>

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

</head>

<body>

<header>

<h1>Agritech Startup</h1>

</header>

<nav>

<!-- Include navigation links here if needed -->

</nav>

<main>

<h2>Thank You!</h2>

<p>Thank you for signing up with Agritech Startup. Your registration is successful.</p>

</main>

<footer>

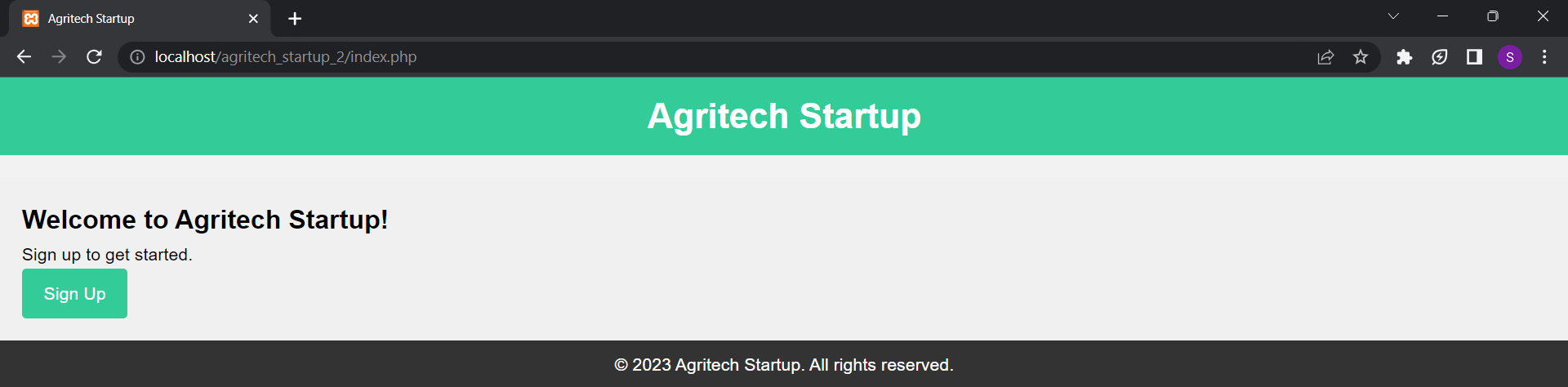
<p>&copy; 2023 Agritech Startup. All rights reserved.</p>

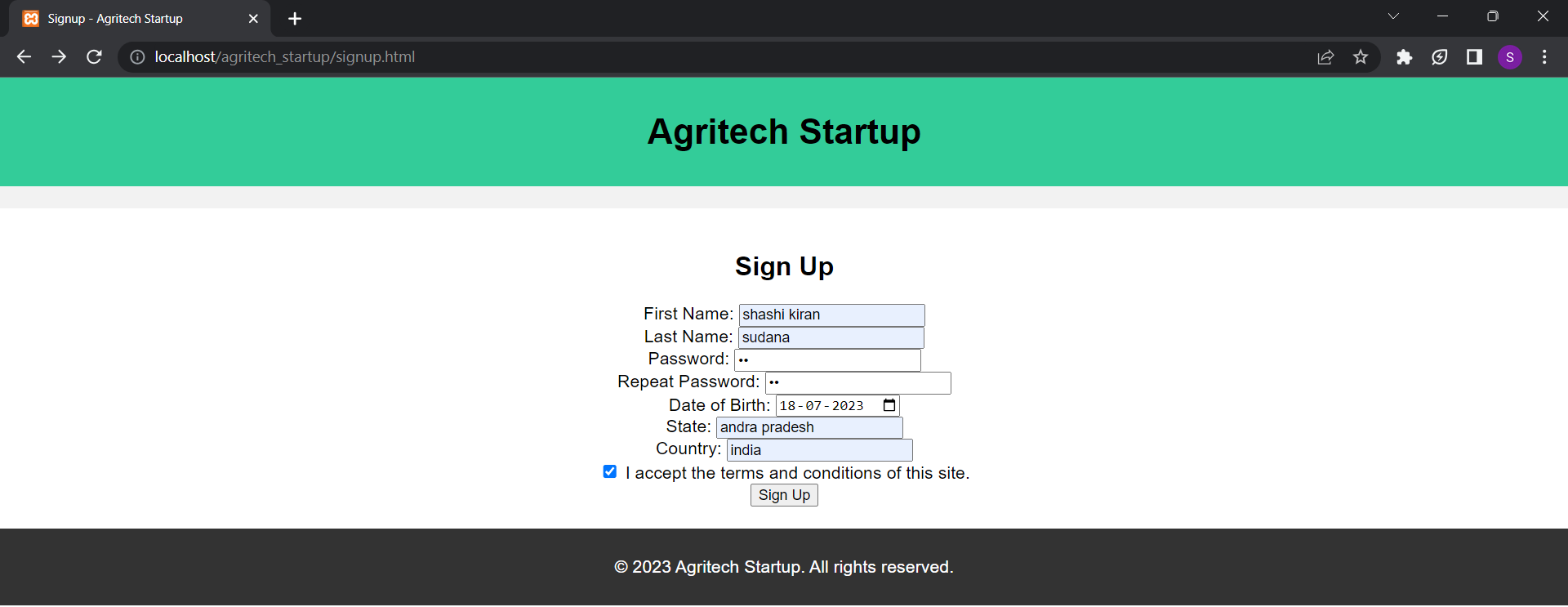
</footer>

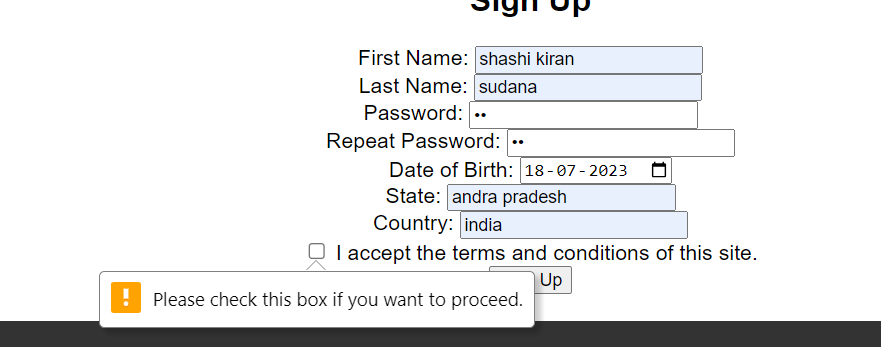
</body>

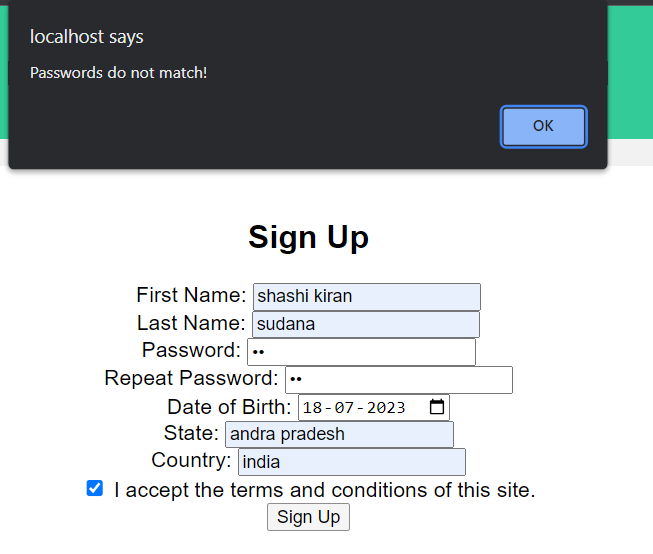
</html>

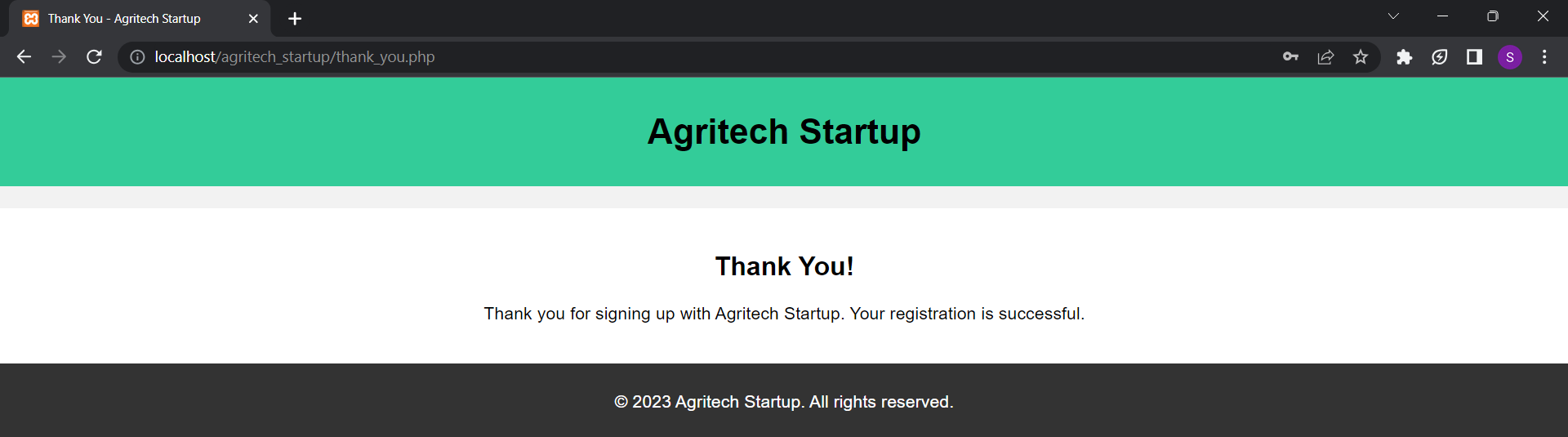
**OUTPUT:**

Give the details after clicking on login page









1. **Design a login and logout page and product page. Product page should be displayed only if login is succesful. Upon logout user should redirect to home page. (Use PHP SESSION golbal variable)**

**Login.php:**

<!DOCTYPE html>

<html>

<head>

<title>Login - Agritech Startup</title>

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

</head>

<body>

<header>

<h1>Agritech Startup</h1>

</header>

<nav>

<!-- Include navigation links here if needed -->

</nav>

<main>

<h2>Login</h2>

<?php

session\_start();

// Check if the user is already logged in

if (isset($\_SESSION["user"])) {

header("Location: product.php");

exit();

}

// Process login form

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

// Simulated user data (Replace this with actual user authentication)

$validUsername = "user";

$validPassword = "password";

$username = $\_POST["username"];

$password = $\_POST["password"];

if ($username === $validUsername && $password === $validPassword) {

$\_SESSION["user"] = $username;

header("Location: product.php");

exit();

} else {

echo '<p class="error-message">Invalid credentials. Please try again.</p>';

}

}

?>

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

<label for="username">Username:</label>

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

<label for="password">Password:</label>

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

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

</form>

</main>

<footer>

<p>&copy; 2023 Agritech Startup. All rights reserved.</p>

</footer>

</body>

</html>

**Logout.php:**

<?php

// Start the session

session\_start();

// Destroy the session and redirect to the homepage

session\_destroy();

header("Location: index.php");

exit();

?>

**product.php:**

<!DOCTYPE html>

<html>

<head>

<title>Product Page - Agritech Startup</title>

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

</head>

<body>

<header>

<h1>Agritech Startup</h1>

</header>

<nav>

<a href="logout.php">Logout</a>

<!-- Include other navigation links here if needed -->

</nav>

<main>

<h2>Welcome to the Product Page</h2>

<p>This page is accessible only if you are logged in.</p>

<!-- Add product details and other content here -->

</main>

<footer>

<p>&copy; 2023 Agritech Startup. All rights reserved.</p>

</footer>

</body>

</html>

**styles.css:**

/\* Reset some default styles \*/

body, h1, h2, h3, h4, h5, h6, p, ul, li {

margin: 0;

padding: 0;

}

body {

font-family: Arial, sans-serif;

line-height: 1.6;

background-color: #f0f0f0;

}

header {

background-color: #33cc99;

padding: 10px;

text-align: center;

}

header h1 {

color: #fff;

}

nav {

background-color: #f2f2f2;

padding: 10px;

text-align: center;

}

nav a {

color: #333;

text-decoration: none;

padding: 10px 20px;

}

nav a:hover {

background-color: #33cc99;

color: #fff;

}

main {

padding: 20px;

}

.signup-link {

display: inline-block;

padding: 10px 20px;

background-color: #33cc99;

color: #fff;

text-decoration: none;

border-radius: 4px;

}

.error-message {

color: red;

font-weight: bold;

margin-bottom: 10px;

}

.product-details {

background-color: #fff;

padding: 20px;

border-radius: 8px;

box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);

}

footer {

background-color: #333;

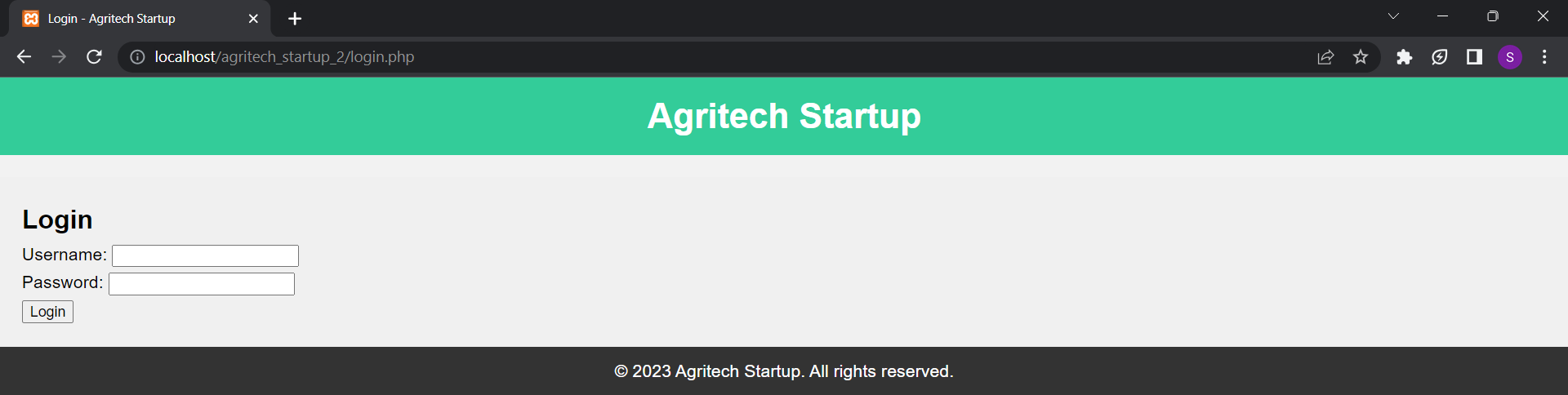
color: #fff;

padding: 10px;

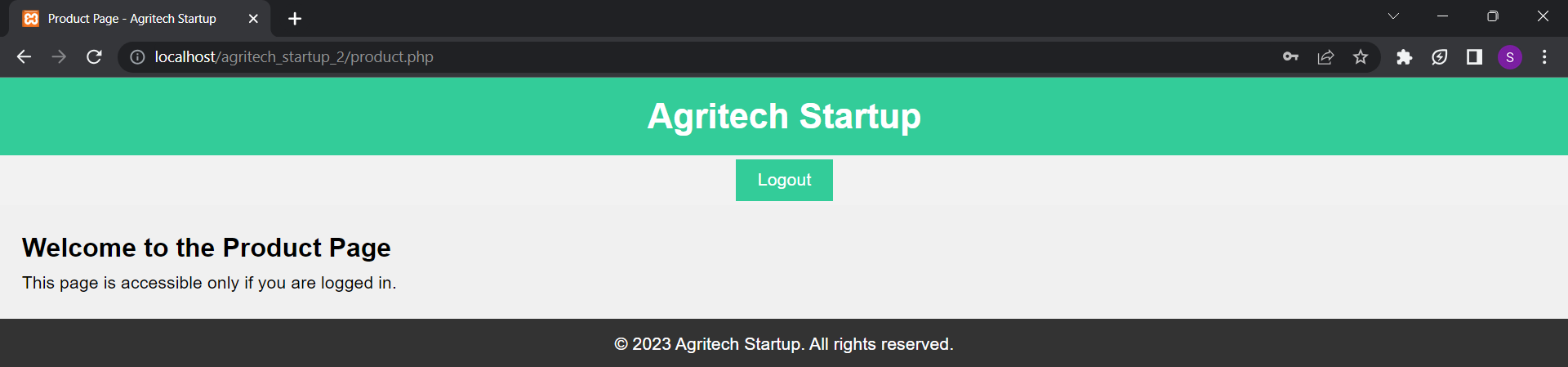
text-align: center;

}

**SCREENSHOTS:**



Give the user name and password to login



We can also do logout after logging in to it

After logout we can see again the sign up page comes here

