

Assignment 1

Create a responsive web page which shows the ecommerce/college/exam admin dashboard with sidebar and statistics in cards using HTML, CSS and Bootstrap

INPUT:

Index.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Sign Up WAD PRACTICAL</title>
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pNlyT2bRjXh0JMhjY6hW+ALEwIH"
crossorigin="anonymous">
</head>
<body>
  <section class="h-100 bg-dark">
    <div class="container py-5 h-100">
      <div class="row d-flex justify-content-center align-items-center h-100">
        <div class="col">
          <div class="card card-registration my-4">
            <div class="row g-0">
              <div class="col-xl-6 d-none d-xl-block">
                
              </div>
              <div class="col-xl-6">
                <div class="card-body p-md-5 text-black">
                  <h3 class="mb-5 text-uppercase" style="color:
#b48484">Student registration form</h3>

                  <div class="row">
                    <div class="col-md-6 mb-4">
                      <div data-mdb-input-init class="form-outline">
                        <input type="text" id="form3Example1m"
class="form-control form-control-lg" />

```

```

        <label class="form-label"
for="form3Example1m">First name</label>
    </div>
</div>
    <div class="col-md-6 mb-4">
        <div data-mdb-input-init class="form-outline">
            <input type="text" id="form3Example1n"
class="form-control form-control-lg" />
            <label class="form-label"
for="form3Example1n">Last name</label>
        </div>
    </div>
</div>

    <div class="row">
        <div class="col-md-6 mb-4">
            <div data-mdb-input-init class="form-outline">
                <input type="text" id="form3Example1m1"
class="form-control form-control-lg" />
                <label class="form-label"
for="form3Example1m1">Mother's name</label>
            </div>
        </div>
        <div class="col-md-6 mb-4">
            <div data-mdb-input-init class="form-outline">
                <input type="text" id="form3Example1n1"
class="form-control form-control-lg" />
                <label class="form-label"
for="form3Example1n1">Father's name</label>
            </div>
        </div>
    </div>

    <div data-mdb-input-init class="form-outline mb-4">
        <input type="text" id="form3Example8" class="form-
control form-control-lg" />
        <label class="form-label"
for="form3Example8">Address</label>
    </div>

    <div class="d-md-flex justify-content-start align-items-
center mb-4 py-2">

        <h6 class="mb-0 me-4">Gender: </h6>

        <div class="form-check form-check-inline mb-0 me-4">
            <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="femaleGender"

```

```

        value="option1" />
        <label class="form-check-label"
for="femaleGender">Female</label>
    </div>

    <div class="form-check form-check-inline mb-0 me-4">
        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="maleGender"
        value="option2" />
        <label class="form-check-label"
for="maleGender">Male</label>
    </div>

    <div class="form-check form-check-inline mb-0">
        <input class="form-check-input" type="radio"
name="inlineRadioOptions" id="otherGender"
        value="option3" />
        <label class="form-check-label"
for="otherGender">Other</label>
    </div>

</div>

<div class="row">
    <div class="col-md-6 mb-4">

        <select data-mdb-select-init>
            <option value="1">State</option>
            <option value="2">MAHARASHTRA</option>
            <option value="3">KERALA</option>
            <option value="4">GOA</option>
        </select>

    </div>
    <div class="col-md-6 mb-4">

        <select data-mdb-select-init>
            <option value="1">City</option>
            <option value="2">PUNE</option>
            <option value="3">MUMBAI</option>
            <option value="4">NASHIK</option>
        </select>

    </div>
</div>

<div data-mdb-input-init class="form-outline mb-4">

```

```

        <input type="text" id="form3Example9" class="form-
control form-control-lg" />
        <label class="form-label"
for="form3Example9">DOB</label>
    </div>

    <div data-mdb-input-init class="form-outline mb-4">
        <input type="text" id="form3Example90" class="form-
control form-control-lg" />
        <label class="form-label"
for="form3Example90">Pincode</label>
    </div>

    <div data-mdb-input-init class="form-outline mb-4">
        <input type="text" id="form3Example99" class="form-
control form-control-lg" />
        <label class="form-label"
for="form3Example99">Course</label>
    </div>

    <div data-mdb-input-init class="form-outline mb-4">
        <input type="text" id="form3Example97" class="form-
control form-control-lg" />
        <label class="form-label" for="form3Example97">Email
ID</label>
    </div>

    <div data-mdb-input-init class="form-outline mb-4">
        <input type="password" id="form3Example97"
class="form-control form-control-lg" />
        <label class="form-label"
for="form3Example97">password</label>
    </div>

    <div data-mdb-input-init class="form-outline mb-4">
        <input type="password" id="form3Example97"
class="form-control form-control-lg" />
        <label class="form-label" for="form3Example97">CONFIRM
passwordD</label>
    </div>

    <div class="d-flex justify-content-end pt-3">
        <button type="button" data-mdb-button-init data-mdb-
ripple-init class="btn btn-light btn-lg">Reset all</button>
        <button type="button" data-mdb-button-init data-mdb-
ripple-init class="btn btn-warning btn-lg ms-2">Submit form</button>
    </div>

```

```
</body>
</html>
```

OUTPUT :

The screenshot shows a web browser window. On the left, there is a vertical image of four people (three men and one woman) gathered around a wooden table, looking at a laptop. On the right, there is a registration form with the following fields: 'DOB' (containing '12/12/2000'), 'Pincode' (containing '411045'), 'Course' (empty), 'Email ID' (empty), 'password' (empty), and 'CONFIRM passwordD' (empty). At the bottom right of the form are two buttons: 'Reset all' and 'Submit form'.

Assignment 2

Write a JavaScript Program to get the user registration data and push to array/local storage with AJAX POST method and data list in new page.

INPUT :

ragistration.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <link rel="stylesheet" href="style.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></scrip
t>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></sc
ript>

  <title>Registration</title>
</head>
<body>
  <h2>Registration Form</h2>

  <div class="container">
    <div class="card">
      <h2>Registration Form</h2>

      <form action="#">
        <div class="form-group">
          <label for="name">Name</label>
          <input type="text" class="form-control" id="name"
name="name" placeholder="Enter Name">
        </div>
        <div class="form-group">
          <label for="email">Email</label>
          <input type="email" class="form-control" id="email"
name="email" placeholder="Enter Email">
        </div>
        <div class="form-group">
          <label for="password">Password</label>
          <input type="password" class="form-control" id="password"
name="password" placeholder="Enter Password">
        </div>
      </form>
    </div>
  </div>
</body>
</html>
```

```

        <div class="text-center">
            <button type="button" onclick="saveData()" class="btn btn-
primary" id="save_btn">Submit</button>
            <button type="reset" class="btn btn-warning"
id="">Reset</button>
        </div>

    </form>
</div>
</div>

</body>
<script>
    function saveData(){
        let name,email,password;
        name=document.getElementById("name").value;
        email=document.getElementById("email").value;
        password=document.getElementById("password").value;

        // localStorage.setItem("name",name);
        // localStorage.setItem("email",email);
        //localStorage.setItem("password",password);

        let user_records=new Array();
        user_records=JSON.parse(localStorage.getItem("users"))?JSON.parse(localStorage.getItem("users")):[]
        if(user_records.some((v)=>{
            return v.email==email
        })){
            alert("Duplicate Data");
        }
        else{
            user_records.push({
                "name":name,
                "email":email,
                "password":password
            })
            localStorage.setItem("users",JSON.stringify(user_records));
        }
    }
</script>
</html>

```

Login.html :

```
<!DOCTYPE html>
```

```

<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
  <link rel="stylesheet" href="style.css">
  <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></scrip
t>
  <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></sc
ript>
  <title>Login</title>
</head>
<body>
  <div class="container">
    <div class="card">
      <h2>Login Form</h2>
      <form action="#">
        <div class="form-group">
          <label for="email">Email</label>
          <input type="email" class="form-control" id="email"
placeholder="Enter Email">
        </div>
        <div class="form-group">
          <label for="password">Password</label>
          <input type="password" class="form-control" id="password"
placeholder="Enter password">
        </div>
        <div class="text-center">
          <button type="button" onclick="saveData()" class="btn btn-
primary" id="save_btn">Submit</button>
          <button type="reset" class="btn btn-warning"
id="">Reset</button>
        </div>
      </form>
    </div>
  </div>
</body>
<script>
  function saveData(){
    let email,password;
    email=document.getElementById("email").value;
    password=document.getElementById("password").value;
  }

```



```

        let user_records=new Array();
        user_records=JSON.parse(localStorage.getItem("users"))?JSON.parse(localStorage.getItem("users")):[]
        if(user_records.some((v)=>{
            return v.email==email && v.password==password
        })){
            alert("Login Successfull")
            let current_user=user_records.filter((v)=>{
                return v.email==email && v.password==password
            })[0]

            localStorage.setItem("name",current_user.name);
            localStorage.setItem("email",current_user.email);
            window.location.href="profile.html";

        }
        else{
            alert("Login Fail");
        }
    }
</script>
</html>

```

Profile.html :

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/css/bootstrap.min.css">
    <link rel="stylesheet" href="style.css">
    <script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></scrip
t>
    <script
src="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.1/js/bootstrap.min.js"></sc
ript>

    <title>Profile</title>
</head>
<body>
    <div class="container">
        <div class="card">
            <h2>Profile Page</h2>
            <button onclick="logout()" style="float: right;">Logout</button>

```

```

        <hr>
        <h3>Welcome</h3>
        <h4>Name:
            <script>
                document.write(localStorage.getItem("name"));
            </script>
        </h4>
        <h6>Your Email is:
            <script>
                document.write(localStorage.getItem("email"));
            </script>
        </h6>
    </div>
</div>
</body>
<script>
    function logOut(){
        localStorage.removeItem("name");
        localStorage.removeItem("email");
        window.location.href="login.html"
    }
</script>
</html>

```

Style.css :

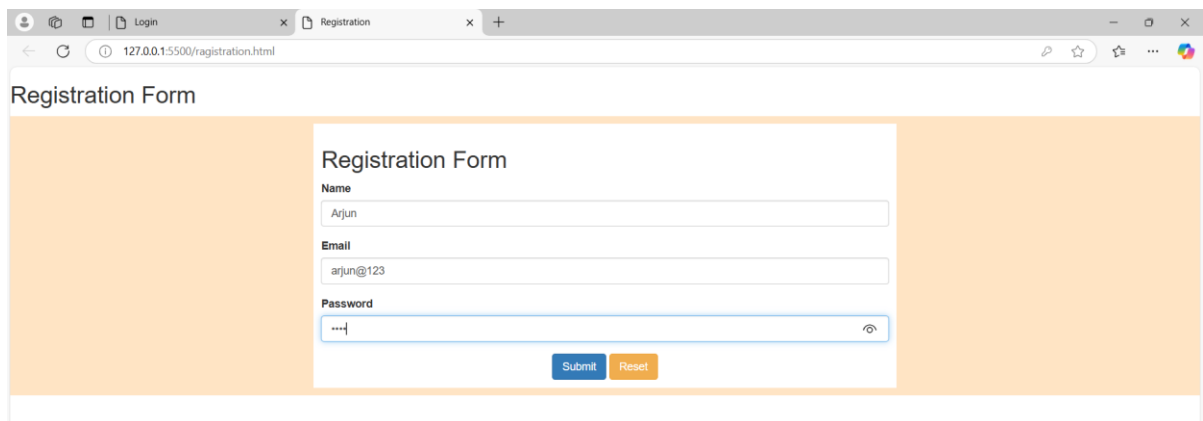
```

.container{
    width: 100%;
    height: 100%;
    background-color: bisque;
}
.container .card{
    width: 50%;
    height: 50%;
    background-color: white;
    margin: auto;
    padding: 10px;
    margin-top: 10px;
    margin-bottom: 10px;
}

```

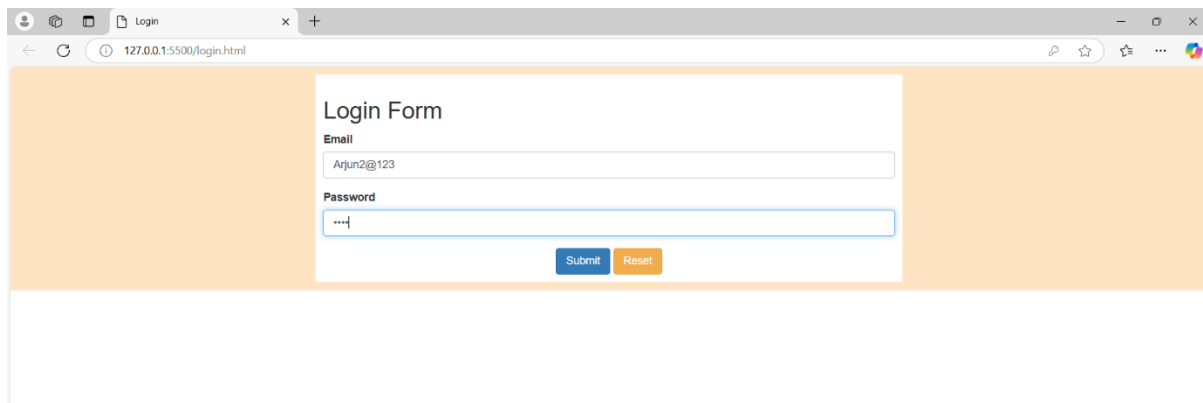
OUTPUT :

Registration.html:



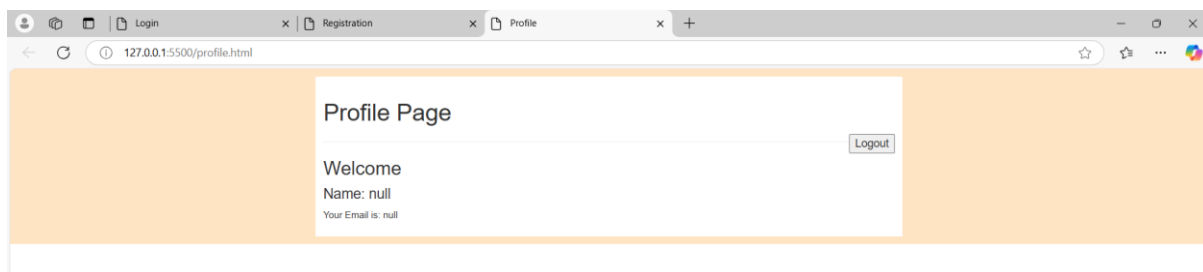
The screenshot shows a web browser with two tabs: 'Login' and 'Registration'. The active tab is 'Registration', displaying the URL '127.0.0.1:5500/registration.html'. The page title is 'Registration Form'. The form itself is titled 'Registration Form' and contains three input fields: 'Name' with the value 'Arjun', 'Email' with the value 'arjun@123', and 'Password' with a masked value '***'. Below the fields are two buttons: 'Submit' (blue) and 'Reset' (orange).

Login.html :



The screenshot shows a web browser with two tabs: 'Login' and 'Registration'. The active tab is 'Login', displaying the URL '127.0.0.1:5500/login.html'. The page title is 'Login Form'. The form contains two input fields: 'Email' with the value 'Arjun2@123' and 'Password' with a masked value '***'. Below the fields are two buttons: 'Submit' (blue) and 'Reset' (orange).

Profile.html:



The screenshot shows a web browser with three tabs: 'Login', 'Registration', and 'Profile'. The active tab is 'Profile', displaying the URL '127.0.0.1:5500/profile.html'. The page title is 'Profile Page'. The content area shows 'Welcome' followed by 'Name: null' and 'Your Email is: null'. A 'Logout' button is located in the top right corner of the content area.

Assignment 3

Create version control account on GitHub and using Git commands to create repository and push your code to GitHub.

INPUT :

File1.txt :

Name: Shravani Kolape

Class: TE

Subject: LP-II Web Application Developement

Description: This is File-1

File2.txt :

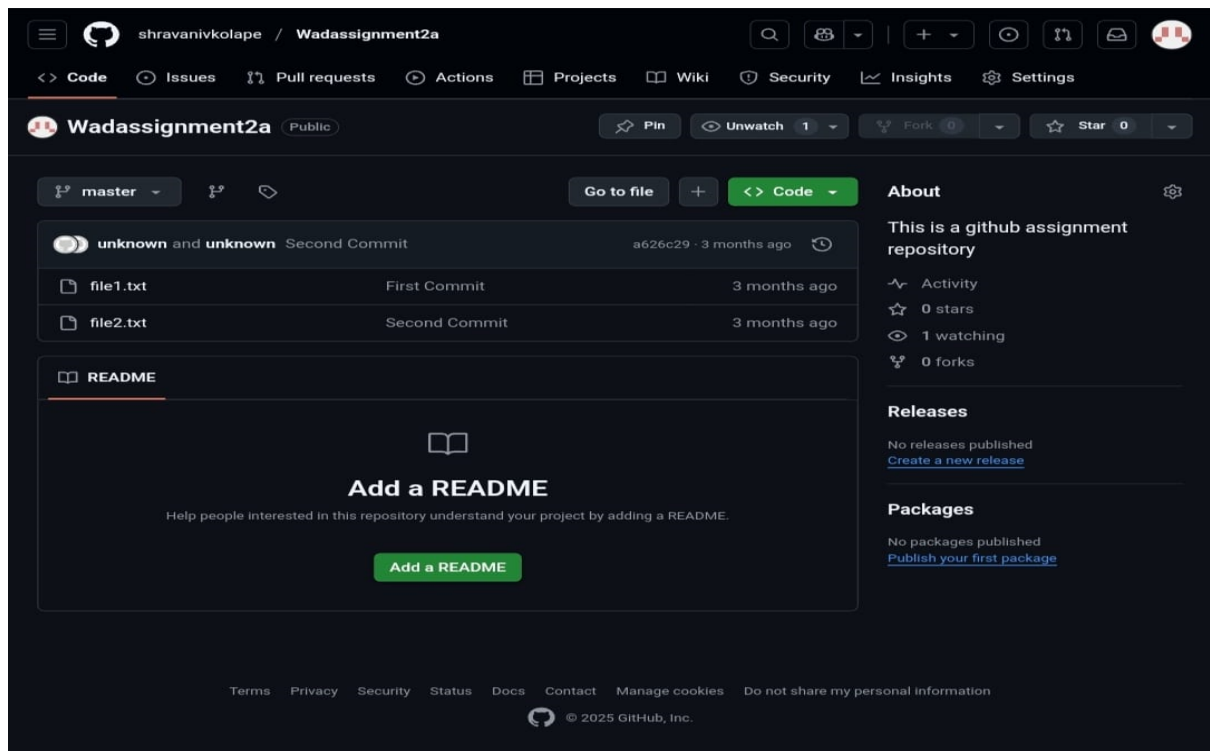
Name: Shravani Kolape

Class: TE

Subject: LP-II Web Application Developement

Description: This is File-2

OUTPUT



shravanivkolape / Wadassignment2a

Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

master

Wadassignment2a / file1.txt

Go to file

unknown and unknown

First Commit

7dbc34e · 3 months ago

4 lines (4 loc) · 102 Bytes

Code

Blame

Raw

1

Name: Shravani Kolape

2

class: TE

3

Subject: LP-II Web Application Development

4

Description: This is file-1

shravanivkolape / Wadassignment2a

Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

master

Wadassignment2a / file2.txt

Go to file

unknown and unknown

Second Commit

a626c29 · 3 months ago

4 lines (4 loc) · 102 Bytes

Code

Blame

Raw

1

Name: Shravani Kolape

2

class: TE

3

Subject: LP-II Web Application Development

4

Description: This is file-2

Assignment 4

Create Docker Container Environment (NVIDEIA Docker or any other).

INPUT :

Dockerfile :

FROM node:alpine

Copy . /partb

CMD node /partb/sayali.js

Sayali.js :

```
console.log("Name: Sayali Jadhav");
```

```
console.log("Class: TE");
```

```
console.log("Subject: LP-2 Web Application Development");
```

```
console.log("Assignment: 2B");
```

Assignment 5

Create an Angular application which will do following actions: Register User, Login User, Show User Data on Profile Component.

INPUT :

Register.component.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

<div class="form-container">
  <h2>Register</h2>
  <form (ngSubmit)="registerUser()">
    <label>Username:</label>
    <input [(ngModel)]="user.username" name="username" required>

    <label>Email:</label>
    <input [(ngModel)]="user.email" name="email" required type="email">

    <label>Password:</label>
    <input [(ngModel)]="user.password" name="password" required
type="password">

    <button type="submit">Register</button>
  </form>
</div>
</body>
</html>
```

App.component.html :

```
<nav>
<a routerLink="/register">Register</a>
<a routerLink="/login">Login</a>
<a routerLink="/profile">Profile</a>
```

```
</nav>

<router-outlet></router-outlet>
```

App.component.css :

```
nav {
  background-color: #007bff;
  padding: 10px;
  display: flex;
  gap: 20px;
}

nav a {
  color: white;
  text-decoration: none;
  font-weight: bold;
}

nav a:hover {
  text-decoration: underline;
}
```

Login.component.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

<div class="form-container">
  <h2>Login</h2>
  <form>
    <label>Email:</label>
    <input type="email" name="email" required>

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



```

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

```

Profile.component.html :

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Document</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <div class="profile-container">
        <h2>Profile</h2>
        <p><strong>Username:</strong> {{ user.username }}</p>
        <p><strong>Email:</strong> {{ user.email }}</p>
    </div>
</body>
</html>

```

Style.css :

```

.form-container, .profile-container {
    max-width: 400px;
    margin: 40px auto;
    padding: 20px;
    background-color: #fff;
    border-radius: 8px;
    box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

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

label {
    display: block;
    margin-top: 10px;
    font-weight: bold;
}

```

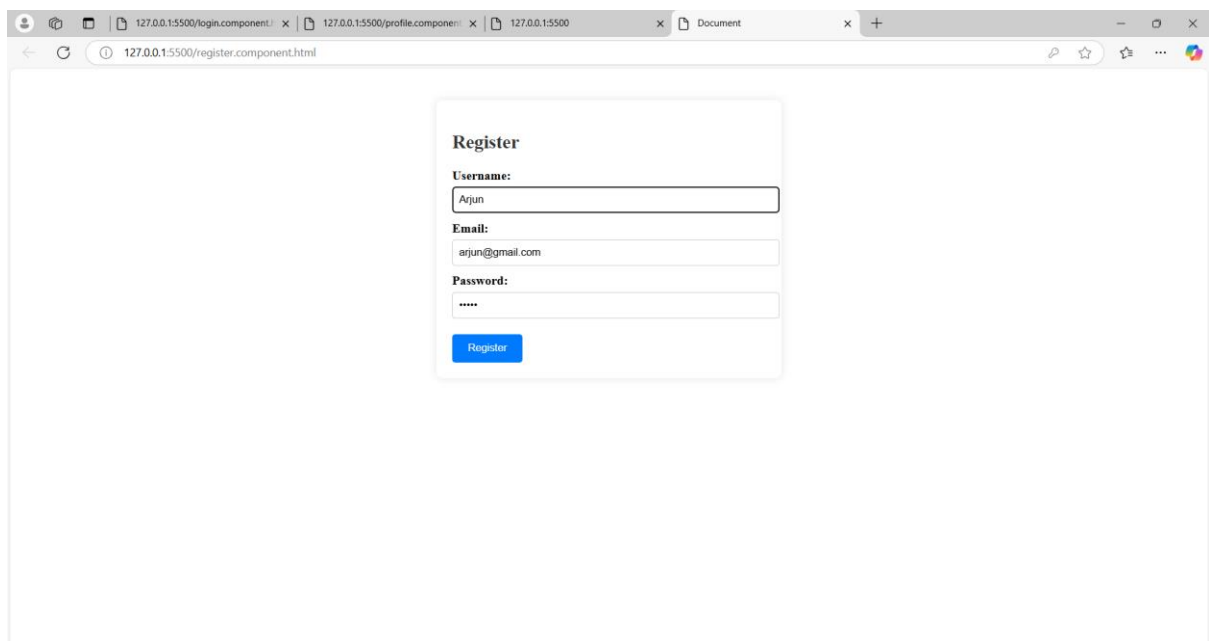
```
}

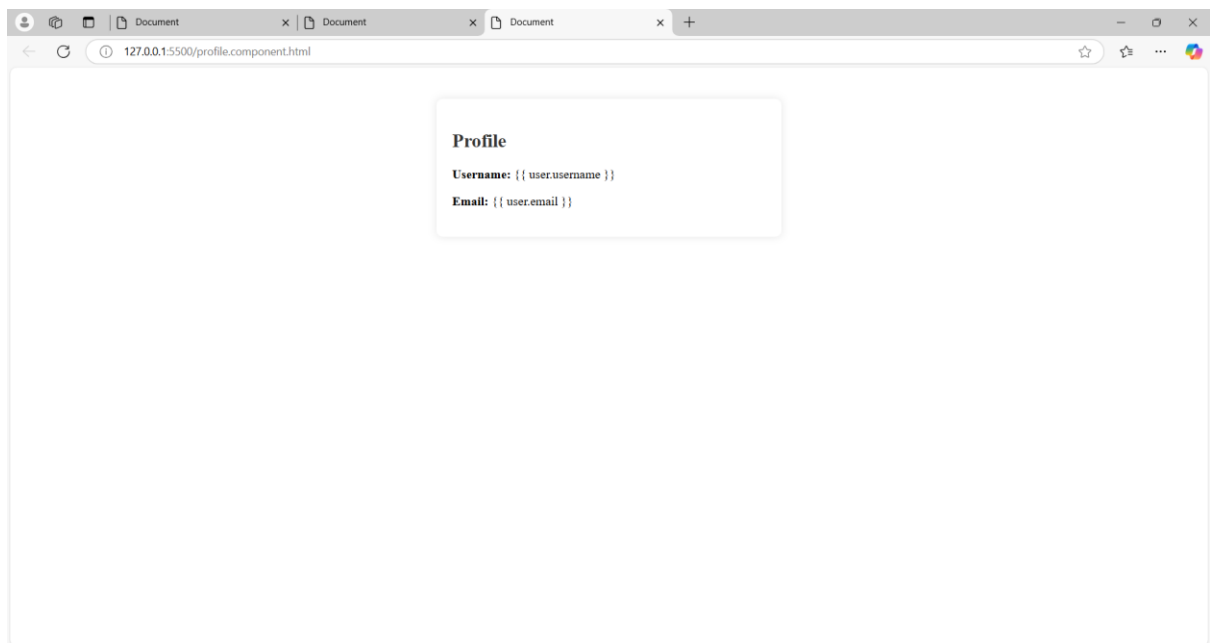
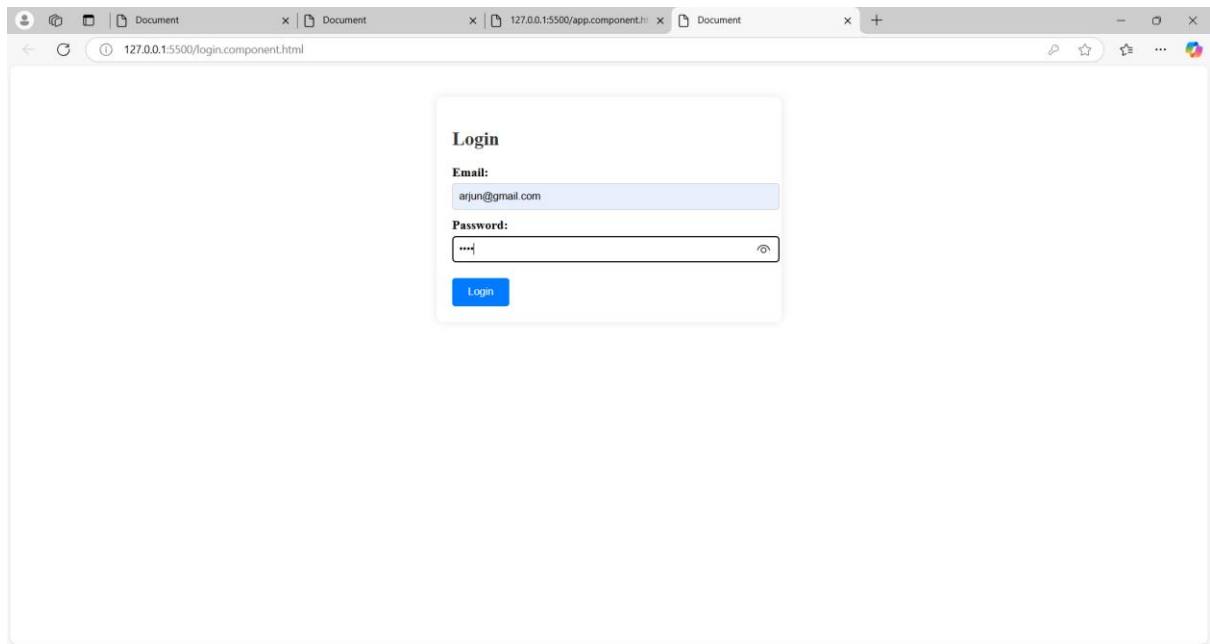
input {
  width: 100%;
  padding: 8px;
  margin-top: 5px;
  border-radius: 4px;
  border: 1px solid #ccc;
}

button {
  margin-top: 20px;
  padding: 10px 20px;
  background-color: #007bff;
  color: white;
  border: none;
  border-radius: 4px;
  cursor: pointer;
}

button:hover {
  background-color: #0056b3;
}
```

OUTPUT :





Assignment 6

Create a Node.JS Application which serves a static website.

INPUT :

Index.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>Static Website</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <h1>Welcome to My Static Website</h1>
  <p>This is served with Node.js and Express!</p>
</body>
</html>
```

Style.css :

```
body {
  font-family: Arial, sans-serif;
  background-color: #f5f5f5;
  text-align: center;
  padding-top: 50px;
}
```

Server.js :

```
// server.js
const express = require('express');
const path = require('path');
const app = express();
const PORT = process.env.PORT || 3000;

app.use(express.static(path.join(__dirname, 'public')));
app.get('/', (req, res) => {
  res.sendFile(path.join(__dirname, 'public', 'index.html'));
});

app.listen(PORT, () => {
  console.log(Server is running at http://localhost:${PORT});
});
```

OUTPUT :

Welcome to My Static Website

This is served with Node.js and Express!

Assignment 7

Create four API using Node.JS, ExpressJS and MongoDB for CRUD Operations on assignment 2.C.

INPUT :

Index.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/css/bootstrap.min.css"
rel="stylesheet">
  <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.0.2/dist/js/bootstrap.bundle.min.js"></script>
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.7.2/css/all.min.css">
  <script
src="https://unpkg.com/sweetalert/dist/sweetalert.min.js"></script>
  <title>CRUD Operation</title>
</head>
<body>
  <div>
    <h1 class="text-center fw-bold text-danger p-4">JAVASCRIPT CRUD OPERATION</h1>
    <div class="container">
      <div class="row">
        <div class="col-md-12 bg-white shadow-lg p-4">
          <!-- Header, Search, and Buttons -->
          <div class="d-flex bg-primary p-2 w-100 justify-content-between align-items-center">
            <h1 class="text-white fw-bold">Sample Page</h1>
            <div class="d-flex align-items-center gap-2">
              <input type="text" id="searchBox" class="form-control" placeholder="Search by Name, Email, or Mobile" oninput="searchUser()" style="max-width: 300px;">
              <button class="btn btn-danger fw-bold" onclick="confirmDeleteAll()"><i class="fa fa-minus"></i> Delete All</button>
              <button class="btn btn-success fw-bold" data-bs-toggle="modal" data-bs-target="#myModal"><i class="fa fa-plus"></i> Add New User</button>
            </div>
          </div>
          <!-- Table Section -->
```

```

        <div class="row mt-5">
            <div class="col-md-12">
                <table class="table table-striped text-center"
id="userTable">
                    <thead>
                        <tr>
                            <th>Sr</th>
                            <th>Profile</th>
                            <th>Name</th>
                            <th>Email</th>
                            <th>Mobile</th>
                            <th>DOB</th>
                            <th>Action</th>
                        </tr>
                    </thead>
                    <tbody id="userTableBody">
                        <!-- Dynamic Rows -->
                    </tbody>
                </table>
            </div>
        </div>
    </div>
</div>
</div>
</div>

<!-- Modal -->
<div class="modal fade" id="myModal" tabindex="-1" aria-
labelledby="myModalLabel" aria-hidden="true">
    <div class="modal-dialog modal-dialog-centered modal-lg">
        <div class="modal-content">
            <div class="modal-header bg-primary">
                <h5 class="modal-title text-white"
id="myModalLabel">Add New User</h5>
                <button type="button" class="btn-close" data-bs-
dismiss="modal"></button>
            </div>
            <div class="modal-body">
                <form id="userForm">
                    <div class="mb-3">
                        <label for="name" class="form-
label">Name</label>
                        <input type="text" id="name" class="form-
control" required>
                    </div>
                    <div class="mb-3">
                        <label for="email" class="form-
label">Email</label>

```

```
<input type="email" id="email" class="form-  
control" required>  
  
</div>  
<div class="mb-3">  
    <label for="mobile" class="form-  
label">Mobile</label>  
    <input type="number" id="mobile" class="form-  
control" required>  
  
</div>  
<div class="mb-3">  
    <label for="dob" class="form-  
label">DOB</label>  
    <input type="date" id="dob" class="form-  
control" required>  
  
</div>  
<div class="mb-3">  
    <label for="profile" class="form-  
label">Profile</label>  
    <input type="file" id="profile" class="form-  
control">  
  
</div>  
<div class="d-flex justify-content-end">  
    <button type="button" class="btn btn-danger  
mx-1" onclick="resetForm()">Reset</button>  
    <button type="button" class="btn btn-primary"  
onclick="addOrUpdateUser()">Submit</button>  
  
</div>  
</form>  
</div>  
</div>  
</div>  
</div>  
</div>  
</div>  
  
<script>  
    let users = [];  
    let editIndex = null;  
  
    function addOrUpdateUser() {  
        const name = document.getElementById('name').value;  
        const email = document.getElementById('email').value;  
        const mobile = document.getElementById('mobile').value;  
        const dob = document.getElementById('dob').value;  
        const profileInput = document.getElementById('profile');  
        let profileSrc = "https://via.placeholder.com/50";  
  
        if (profileInput.files && profileInput.files[0]) {  
            const reader = new FileReader();
```



```

        reader.onload = function (e) {
            profileSrc = e.target.result;
            saveUserData({ name, email, mobile, dob, profileSrc });
        };
        reader.readAsDataURL(profileInput.files[0]);
    } else {
        saveUserData({ name, email, mobile, dob, profileSrc });
    }
}

function saveUserData(user) {
    if (editIndex !== null) {
        users[editIndex] = user;
        swal("Success!", "User updated successfully!", "success");
        editIndex = null;
    } else {
        users.push(user);
        swal("Success!", "User added successfully!", "success");
    }

    renderTable();
    resetForm();
    bootstrap.Modal.getInstance(document.getElementById('myModal')).hide();
}

function renderTable() {
    const tbody = document.getElementById('userTableBody');
    tbody.innerHTML = '';

    users.forEach((user, index) => {
        tbody.innerHTML += `
            <tr>
                <td>${index + 1}</td>
                <td></td>
                <td>${user.name}</td>
                <td>${user.email}</td>
                <td>${user.mobile}</td>
                <td>${user.dob}</td>
                <td>
                    <button class="btn btn-primary"
onclick="editUser(${index})"><i class="fa fa-edit"></i></button>
                    <button class="btn btn-danger"
onclick="deleteUser(${index})"><i class="fa fa-trash"></i></button>
                </td>
            </tr>
        `;
    });
}

```

```

    });
}

function searchUser() {
    const query =
document.getElementById('searchBox').value.toLowerCase();
    const filteredUsers = users.filter(user =>
        user.name.toLowerCase().includes(query) ||
        user.email.toLowerCase().includes(query) ||
        user.mobile.includes(query)
    );

    const tbody = document.getElementById('userTableBody');
    tbody.innerHTML = '';

    filteredUsers.forEach((user, index) => {
        tbody.innerHTML += `
            <tr>
                <td>${index + 1}</td>
                <td></td>
                <td>${user.name}</td>
                <td>${user.email}</td>
                <td>${user.mobile}</td>
                <td>${user.dob}</td>
                <td>
                    <button class="btn btn-primary"
onclick="editUser(${index})"><i class="fa fa-edit"></i></button>
                    <button class="btn btn-danger"
onclick="deleteUser(${index})"><i class="fa fa-trash"></i></button>
                </td>
            </tr>
        `;
    });
}

function deleteUser(index) {
    users.splice(index, 1);
    renderTable();
}

function confirmDeleteAll() {
    swal({
        title: "Are you sure?",
        text: "This will delete all users!",
        icon: "warning",
        buttons: true,
        dangerMode: true,
    });
}

```

```

        }).then((willDelete) => {
            if (willDelete) {
                users = [];
                renderTable();
                swal("All users have been deleted!", { icon: "success" });
            }
        });
    }

    function editUser(index) {
        const user = users[index];
        document.getElementById('name').value = user.name;
        document.getElementById('email').value = user.email;
        document.getElementById('mobile').value = user.mobile;
        document.getElementById('dob').value = user.dob;
        editIndex = index;
        const modal=new
bootstrap.Modal(document.getElementById('userModal')).show();
    }

    function deleteUser(index) {
        users.splice(index, 1);
        renderTable();
        swal("Deleted!", "User has been deleted.", "success");
    }

    function deleteAll() {
        users = [];
        renderTable();
    }

    function resetForm() {
        document.getElementById('userForm').reset();
        editIndex = null;
    }
</script>
</body>
</html>

```

Index.js :

```

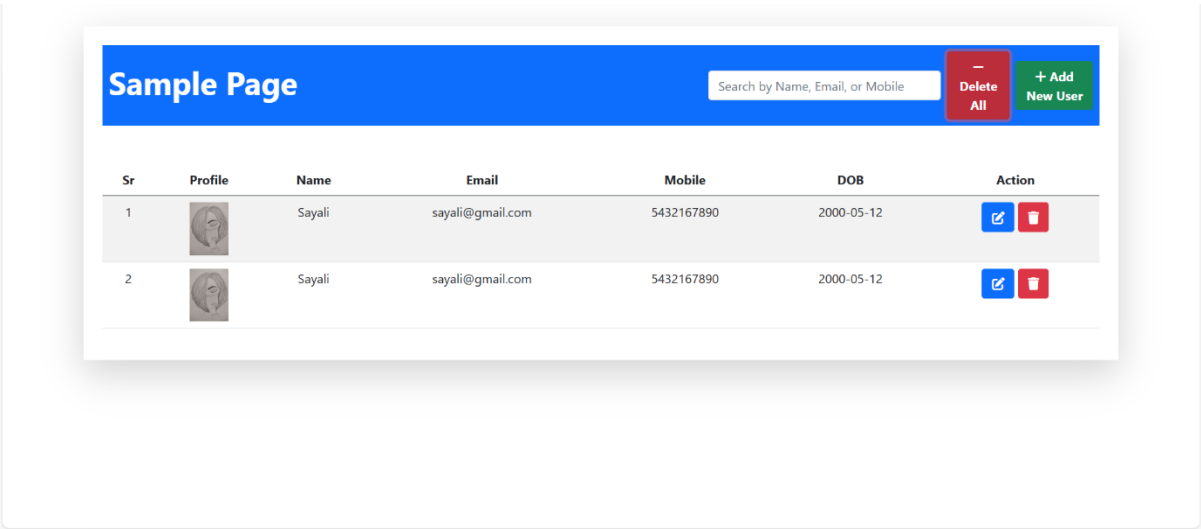
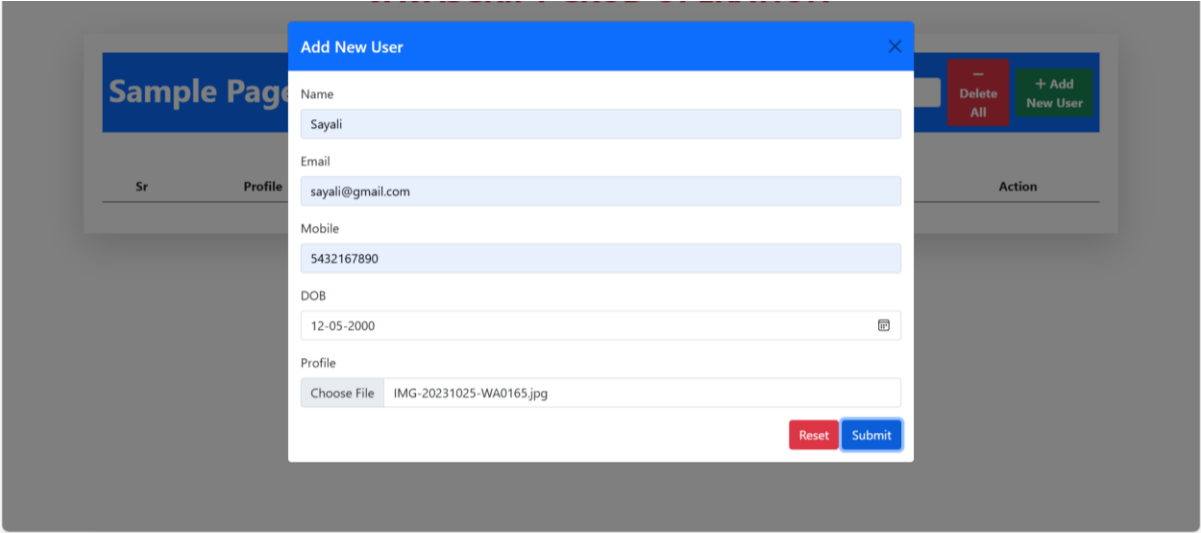
let regForm = document.querySelector(".register-form");
let allInput = regForm.querySelectorAll("INPUT");
let allRegData = [];

regForm.onsubmit = (e) =>{
    e.preventDefault();

```

```
name : allInput[0].value
}
```

OUTPUT :



Assignment 8

Create a simple Mobile Website using jQuery Mobile.

INPUT :

Index.html :

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Home | GSMCOE </title>
  <link rel="stylesheet"
href="https://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css" />
  <script src="https://code.jquery.com/jquery-1.11.1.min.js"></script>
  <script src="https://code.jquery.com/mobile/1.4.5/jquery.mobile-
1.4.5.min.js"></script>

</head>
<body>
  <div data-role="page">
    <div data-role="header" data-theme="b">
<h1>MOBILE WEBSITE</h1>
    </div>

    <div data-role="navbar" data-grid="c">
      <ul>
        <li> <a href="index.html" class="ui-btn-active"> Home </a></li>
        <li> <a href="about us.html"> About </a></li>
        <li> <a href="products.html"> Products </a></li>
        <li> <a href="login_register.html"> Login/Register </a></li>
      </ul>
    </div>
    <center> <h3> Products </h3></center>
    <div class="content">
      <center>
        <div class="rows">
          <div>
            
            
            
          </div>
        </div>
        <br>
        <div class="rows">
          <div>
            

```

```

        
        
    </div>
</div>
<br>
<div class="rows">
    <div>
        
        
        
    </div>
</div>
<br>
<div class="rows">
    <div>
        
        
        
    </div>
</div>
</center>
</div>
<div data-role="footer" data-theme="b">
    <center>
        <div id="quicklinks">
            <h1> Quick Links</h1>
            <a href="index.html"> Home </a> <br> <br>
            <a href="about us.html"> About </a> <br> <br>
            <a href="products.html"> Products </a> <br> <br>
            <a href="login_register.html"> Login/Register </a> <br> <br>
        </div>
        <p> Copyright 2025 | wadpractical lab,All Rights Reserved.</p>
    </center>
</div>
</div>
</body>
</html>

```

Login_register.html :

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Login/Register| GSMCOE </title>
    <link rel="stylesheet"
href="https://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css" />

```

```

    <script src="https://code.jquery.com/jquery-1.11.1.min.js"></script>
    <script src="https://code.jquery.com/mobile/1.4.5/jquery.mobile-
1.4.5.min.js"></script>

</head>
<body>
    <div data-role="page">
        <div data-role="header" data-theme="b">
            <h1>MOBILE WEBSITE</h1>
        </div>

        <div data-role="navbar" data-grid="c">
            <ul>
                <li> <a href="index.html"> Home </a></li>
                <li> <a href="about us.html"> About </a></li>
                <li> <a href="products.html"> Products </a></li>
                <li> <a href="login_register.html" class="ui-btn-active">
Login/Register </a></li>
            </ul>
        </div>
        <div class="content">
            <div>
                <center><h2> Register</h2></center>
            </div>
            <div data-role="content">
                <label> Full Name:</label>
                <input type="text"><br>

                <label> Address:</label>
                <textarea cols="25" rows="7"></textarea> <br>

                <label> Pincode:</label>
                <input type="text"> <br>

                <label> Date of Birth:</label>
                <input type="date"> <br>

                <label>Email-Id:</label>
                <input type="email"> <br>

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

                <label> Confirm Password: </label>
                <input type="password"><br>
                <input type="Submit" value="Register"> <br>
                <center><a href="login.html"> Already Register? login</a></center>
            </div>
        </div>
    </div>

```

```

        </div>
        <div data-role="footer" data-theme="b">
            <center>
                <div id="quicklinks">
                    <h1> Quick Links</h1>
                    <a href="index.html"> Home </a> <br> <br>
                    <a href="about us.html"> About </a> <br> <br>
                    <a href="products.html"> Products </a> <br> <br>
                    <a href="login_register.html"> Login/Register </a> <br> <br>
                </div>
                <p> Copyright 2025 | wadpractical lab,All Rights Reserved.</p>
            </center>
        </div>

    </div>
</body>
</html>

```

Login.html :

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title> Login/Register| GSMCOE </title>
    <link rel="stylesheet"
href="https://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css" />
    <script src="https://code.jquery.com/jquery-1.11.1.min.js"></script>
    <script src="https://code.jquery.com/mobile/1.4.5/jquery.mobile-
1.4.5.min.js"></script>

</head>
<body>
    <div data-role="page">
        <div data-role="header" data-theme="b">
            <h1>MOBILE WEBSITE</h1>
        </div>

        <div data-role="navbar" data-grid="c">
            <ul>
                <li> <a href="index.html"> Home </a></li>
                <li> <a href="about us.html"> About </a></li>
                <li> <a href="products.html"> Products </a></li>
                <li> <a href="login_register.html" class="ui-btn-active">
Login/Register </a></li>
            </ul>

```



```

</div>
  <div class="content">
    <div>
      <center><h2> Login</h2></center>
    </div>
    <div data-role="content">

      <label>Email-Id:</label>
      <input type="email"> <br>

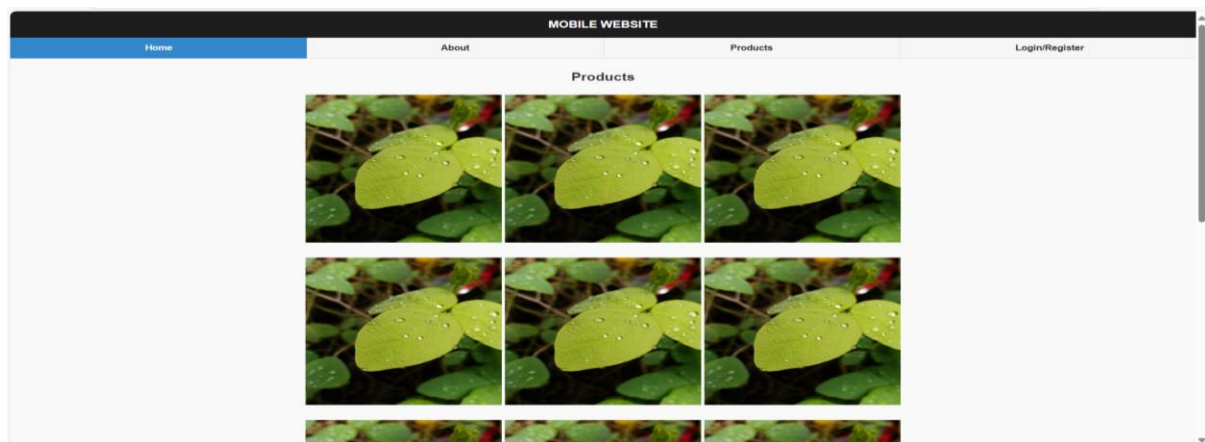
      <label> Password:</label>
      <input type="password"><br>

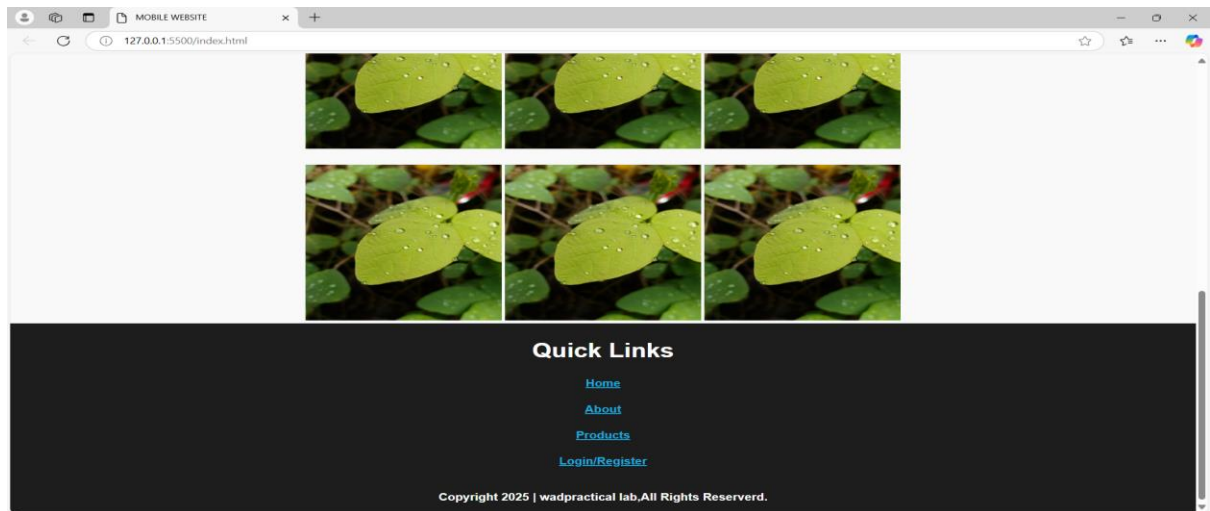
      <input type="Submit" value="Login"> <br>
      <center><a href="login_register.html"> Don't have Account?
Register</a></center>
    </div>
  </div>
  <div data-role="footer" data-theme="b">
    <center>
      <div id="quicklinks">
        <h1> Quick Links</h1>
        <a href="index.html"> Home </a> <br> <br>
        <a href="about us.html"> About </a> <br> <br>
        <a href="products.html"> Products </a> <br> <br>
        <a href="login_register.html"> Login/Register </a> <br> <br>
      </div>
      <p> Copyright 2025 | wadpractical lab,All Rights Reserverd.</p>
    </center>
  </div>

</div>
<body>
<html>

```

OUTPUT :





This screenshot shows the "Register" page of a mobile website. The page has a header with the text "MOBILE WEBSITE" and a navigation bar with links to "Home", "About", "Products", and "Login/Register". The main content area is titled "Register" and contains a form with the following fields:

- Full Name:
- Address:
- Pincode:
- Date of Birth:
- Email-Id:
- Password:

This screenshot shows the "Login" page of a mobile website. The page has a header with the text "MOBILE WEBSITE" and a navigation bar with links to "Home", "About", "Products", and "Login/Register". The main content area is titled "Login" and contains a form with the following fields:

- Email-Id:
- Password:

Below the form is a "Login" button. At the bottom of the page, there is a link that says "Don't have Account? Register".

At the bottom of the page, there is a "Quick Links" section with links to "Home", "About", "Products", and "Login/Register".

Assignment 9

Deploy/Host Your web application on AWS VPC or AWS Elastic Beanstalk. Mini Project Develop a web application using fullstack development technologies in any of the following domains: 1. Social Media 2. ecommerce 3. Restaurant 4. Medical 5. Finance 6. Education 7. Any other

7. ANY OTHER - TEMPERATURE CONVERTER WEBSITE :

INPUT :

Index.html :

Temperature_converter.html :

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Temperature Converter</title>
  <style>
    body{
      font-family: Arial, Helvetica, sans-serif;
      display: flex;
      align-items: center;
      justify-content: center;
      height: 100vh;
      margin: 0;
      background: linear-gradient(to right, #3494e6, #ec6ead);
    }

    .converter{
      text-align: center;
      max-width: 400px;
      margin: auto;
      padding: 20px;
      background-color: #ffffff;
      border-radius: 10px;
      box-shadow: 0 0 10px rgba(0,0,0,0.1);
    }

    select, input{
      width: 100%;
      padding: 10px;
      margin: 10px 0;
      border: 1px solid #ccc;
```

```

        border-radius: 5px;
        outline: none;
    }

    button{
        background-color: #4CAF50;
        color: white;
        padding: 10px;
        border: none;
        width: 100%;
        cursor: pointer;
        border-radius: 5px;
    }

    button:hover{
        background-color: #45a049;
    }
    #result{
        width: 100%;
        padding: 10px;
        margin-top: 10px;
        border: 1px solid #ccc;
        border-radius: 5px;
        outline: none;
        font-weight: bold;
        color: #333;
    }

    @media screen and (max-width:500px){
        .converter{
            width: 90%;
        }
    }

    @keyframes fadeIn{
        from{
            opacity: 0;
        }
        to{
            opacity: 1;
        }
        h2{
            color: #333;
            animation: fadeIn 1s ease-in-out;
        }
    }
</style>
</head>

```

```

<body>
  <div class="converter">
    <h2>Temperature Converter</h2>
    <label for="fromUnit">From:</label>
    <select id="fromUnit">
      <option value="C">Celcius</option>
      <option value="F">Fahrenheit</option>
      <option value="K">Kelvin</option>
      <option value="R">Rankine</option>
    </select>
    <label for="toUnit">To:</label>
    <select id="toUnit">
      <option value="C">Celcius</option>
      <option value="F">Fahrenheit</option>
      <option value="K">Kelvin</option>
      <option value="R">Rankine</option>
    </select>
    <label for="temperature">Temperature</label>
    <input type="number" id="temperature" placeholder="Enter Temperature">
    <button onclick="convert()">Convert</button>

    <label for="result">Result:</label>
    <input type="text" id="result" readonly>
  </div>
  <script>
    function convert(){
      var fromUnit = document.getElementById('fromUnit').value;
      var toUnit = document.getElementById('toUnit').value;
      var temperature =
parseFloat(document.getElementById('temperature').value);

      var convertedValue;
      var resultUnit;

      // Perform conversion logic

      switch (fromUnit){
        case 'C':
          if (toUnit === 'F'){
            convertedValue = (temperature * 9/5) +32;
            resultUnit = 'F';
          } else if (toUnit === 'K'){
            convertedValue = temperature + 273.15;
            resultUnit = 'K';
          }else if (toUnit === 'R'){
            convertedValue = temperature + 273.15;
            resultUnit = 'R';

```

```
}else{
    convertedValue = temperature;
    resultUnit = 'C';
}
break;

case 'F':
if (toUnit === 'C'){
    convertedValue = (temperature - 32) * 5/9;
    resultUnit = 'C';
} else if (toUnit === 'K'){
    convertedValue = (temperature - 32) * 5/9 + 273.15;
    resultUnit = 'K';
}else if (toUnit === 'R'){
    convertedValue = temperature + 459.67;
    resultUnit = 'R';
}else{
    convertedValue = temperature;
    resultUnit = 'F';
}
break;

case 'K':
if (toUnit === 'C'){
    convertedValue = temperature - 273.15;
    resultUnit = 'C';
} else if (toUnit === 'K'){
    convertedValue = (temperature - 273.15) * 9/5 + 32;
    resultUnit = 'K';
}else if (toUnit === 'R'){
    convertedValue = temperature * 9/5;
    resultUnit = 'R';
}else{
    convertedValue = temperature;
    resultUnit = 'K';
}
break;

case 'R':
if (toUnit === 'C'){
    convertedValue = (temperature - 491.67) * 5/9;
    resultUnit = 'C';
} else if (toUnit === 'K'){
    convertedValue = temperature - 459.67;
    resultUnit = 'K';
}else if (toUnit === 'R'){
    convertedValue = temperature * 5/9;
    resultUnit = 'R';
}
```

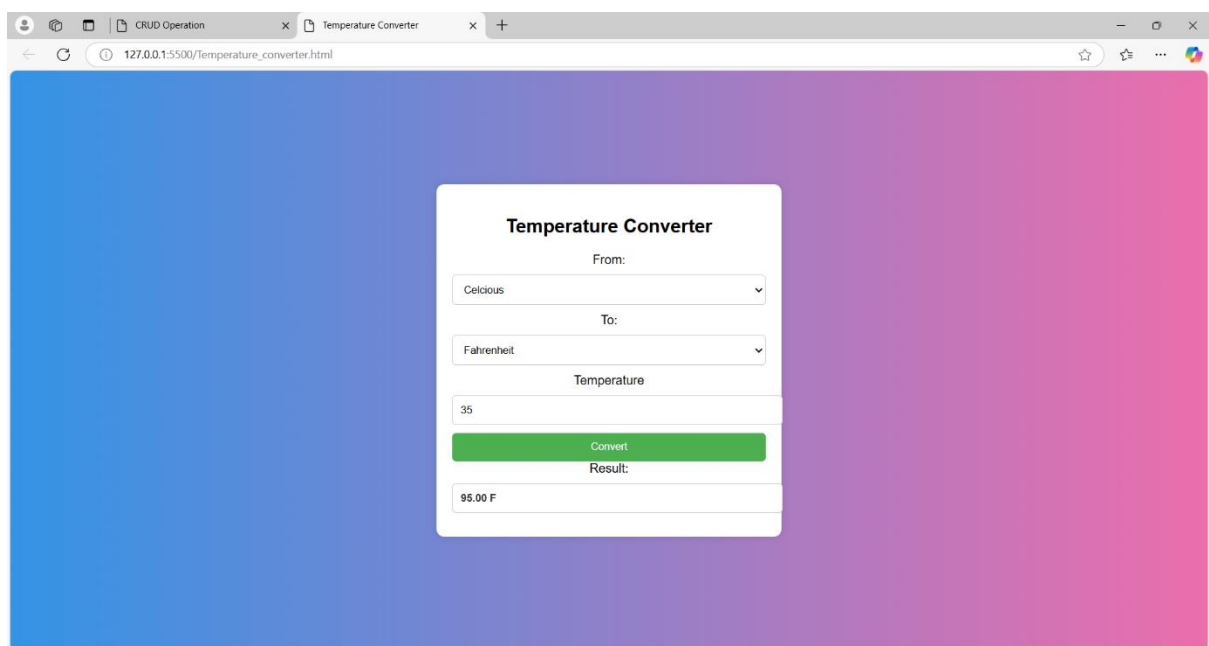
```
        }else{
            convertedValue = temperature;
            resultUnit = 'R';
        }
        break;
    }

    document.getElementById('result').value =
convertedValue.toFixed(2) + ' ' + resultUnit;

    }
</script>
</body>

</html>
```

OUTPUT :



The screenshot displays a web browser window with two tabs: 'CRUD Operation' and 'Temperature Converter'. The address bar shows the URL '127.0.0.1:5500/temperature_converter.html'. The main content area features a temperature conversion interface with a blue-to-pink gradient background. The interface includes a title 'Temperature Converter', a 'From:' dropdown menu set to 'Celcius', a 'To:' dropdown menu set to 'Fahrenheit', a 'Temperature' input field containing the value '35', a green 'Convert' button, and a 'Result:' field displaying '95.00 F'.