WEB-BASED INTERFACE DESIGN

(CSF3133)

LAB REPORT 7

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Matric : S75702

Date : 16 December 2025

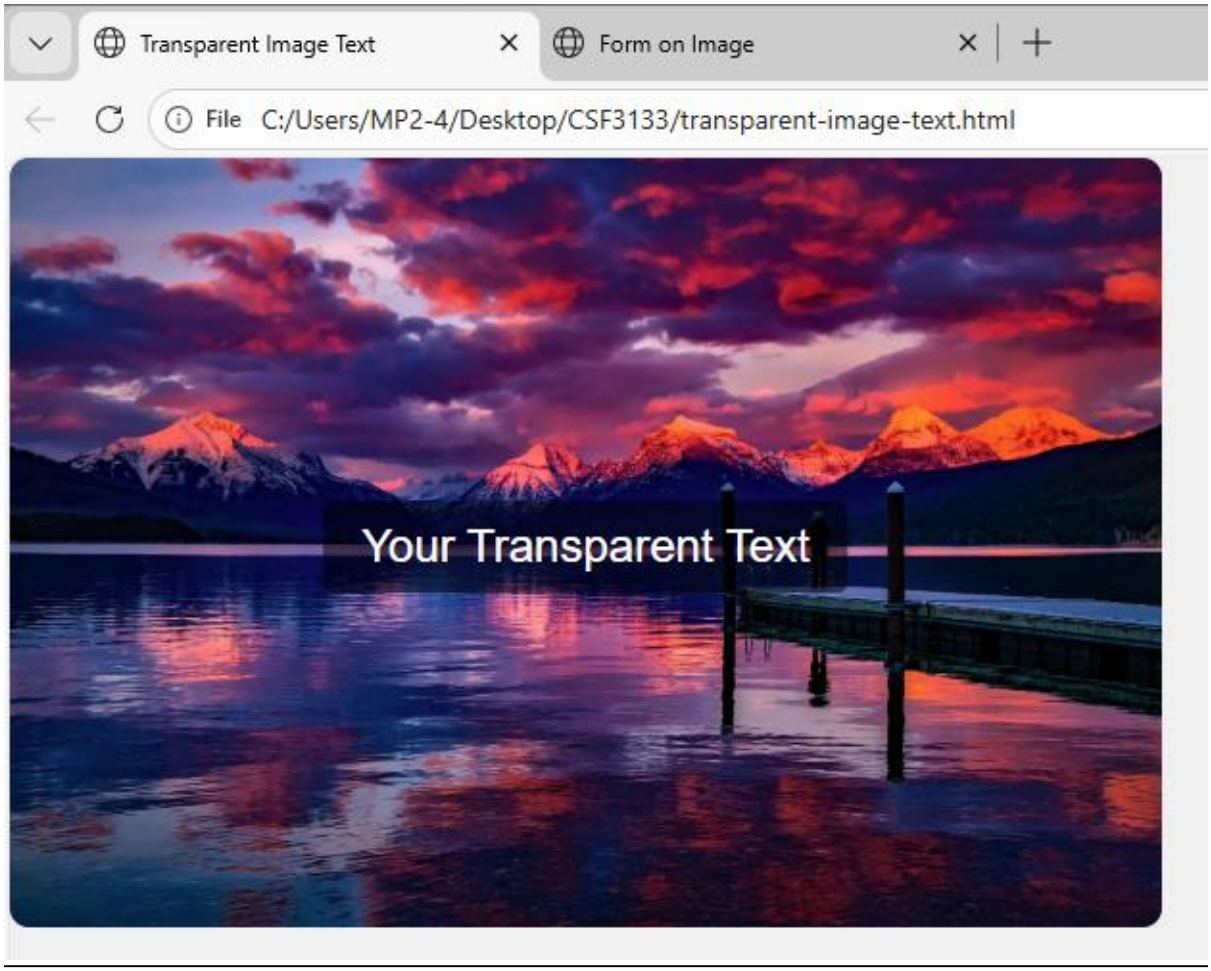
Group : K4

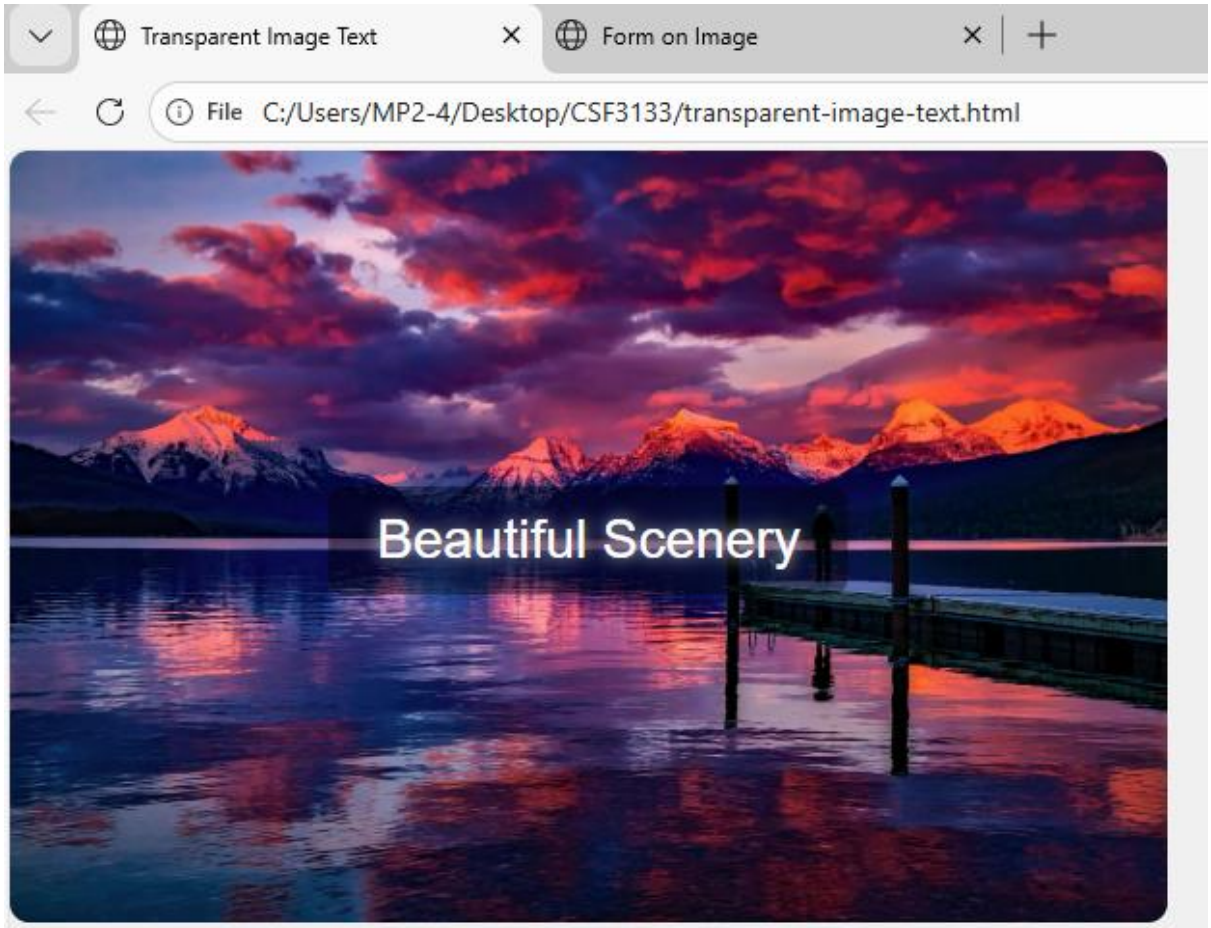
Programme : Bachelor of Computer Science (Software Engineering) with Honors

Lecturer's Name: Assoc. Prof. Ts. Dr. Wan Nural Jawahir

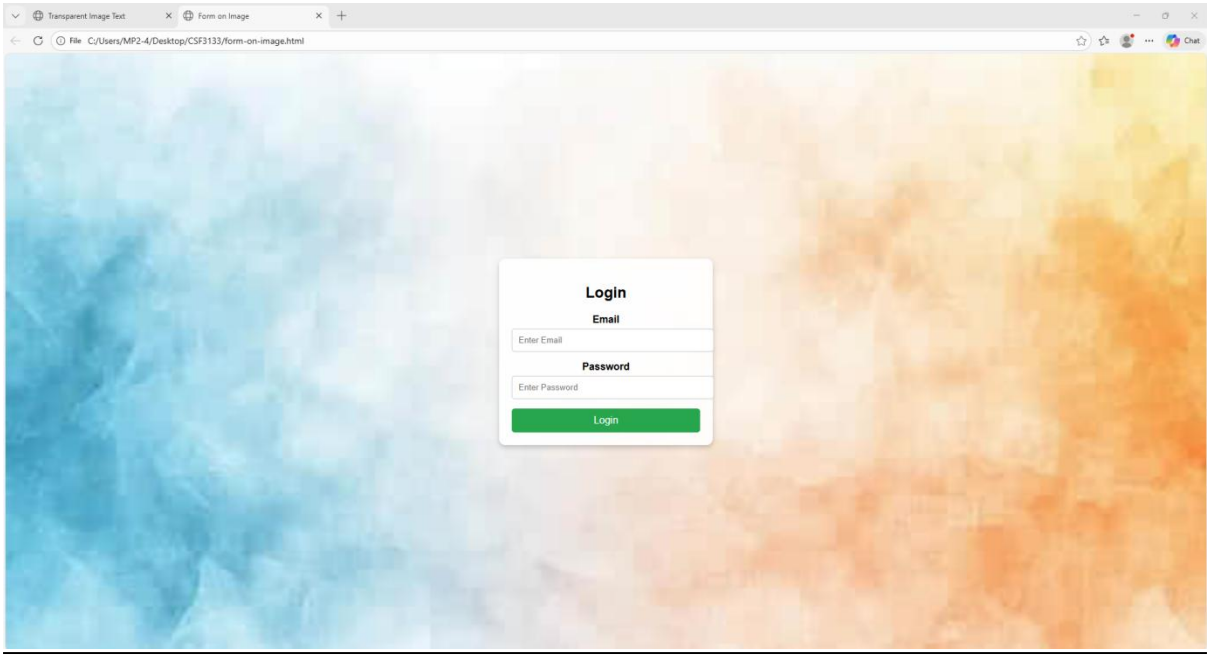
Lab Moderator's Name: Miss Wan Fatin Fatihah binti Yahya

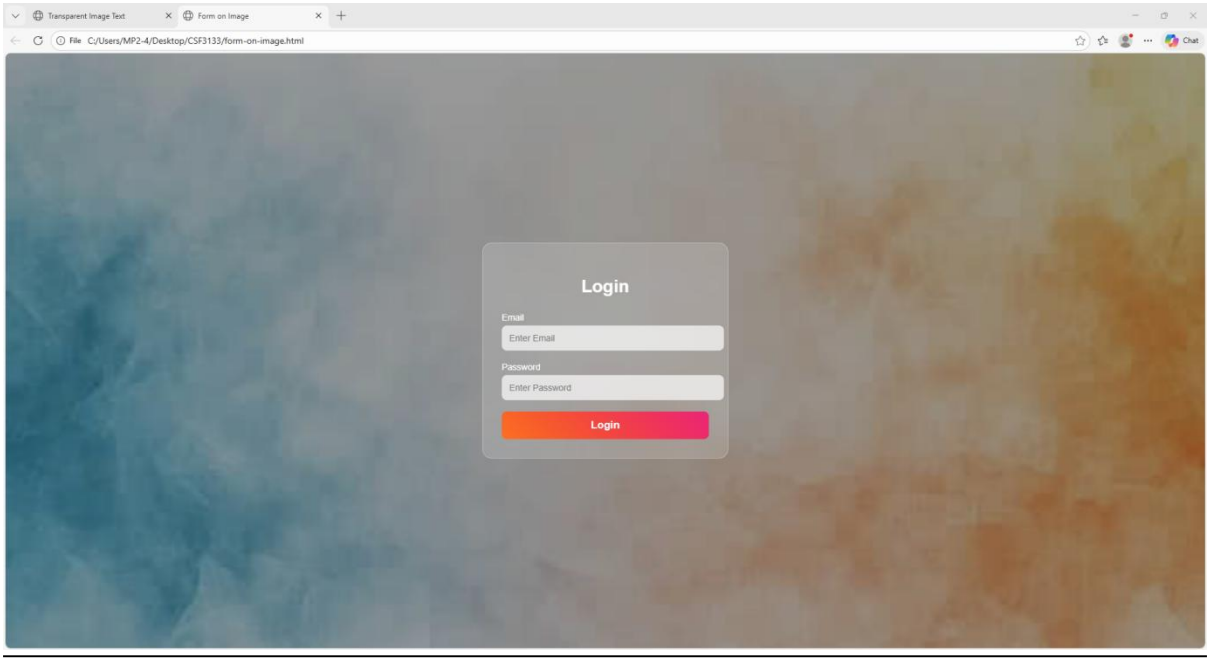
7.1 Create a Transparent Image Text



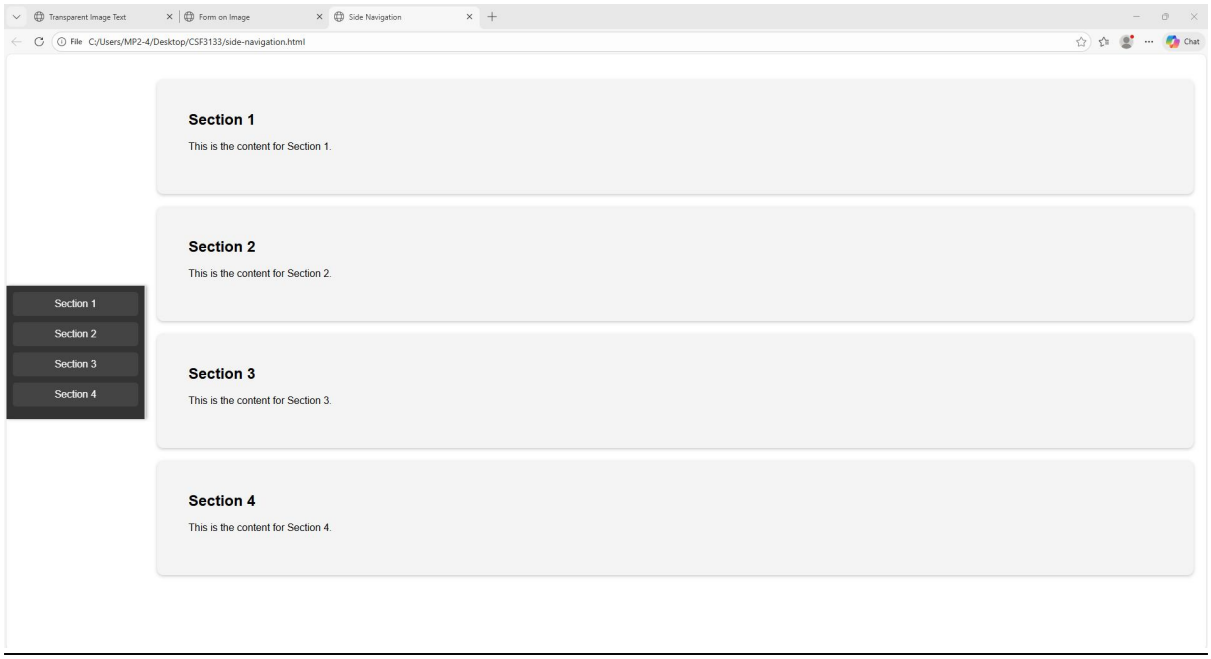

Transparent Image Text
Form on Image
File C:/Users/MP2-4/Desktop/CSF3133/transparent-image-text.html
Beautiful Scenery

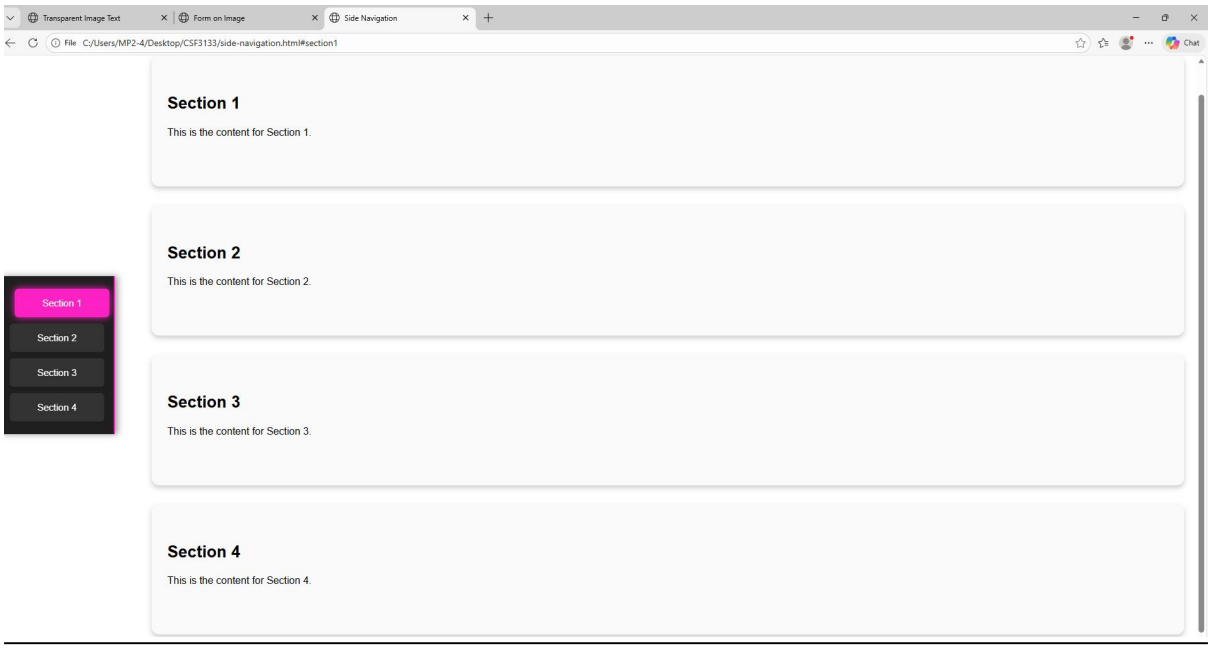
7.2 Create a Form on Image



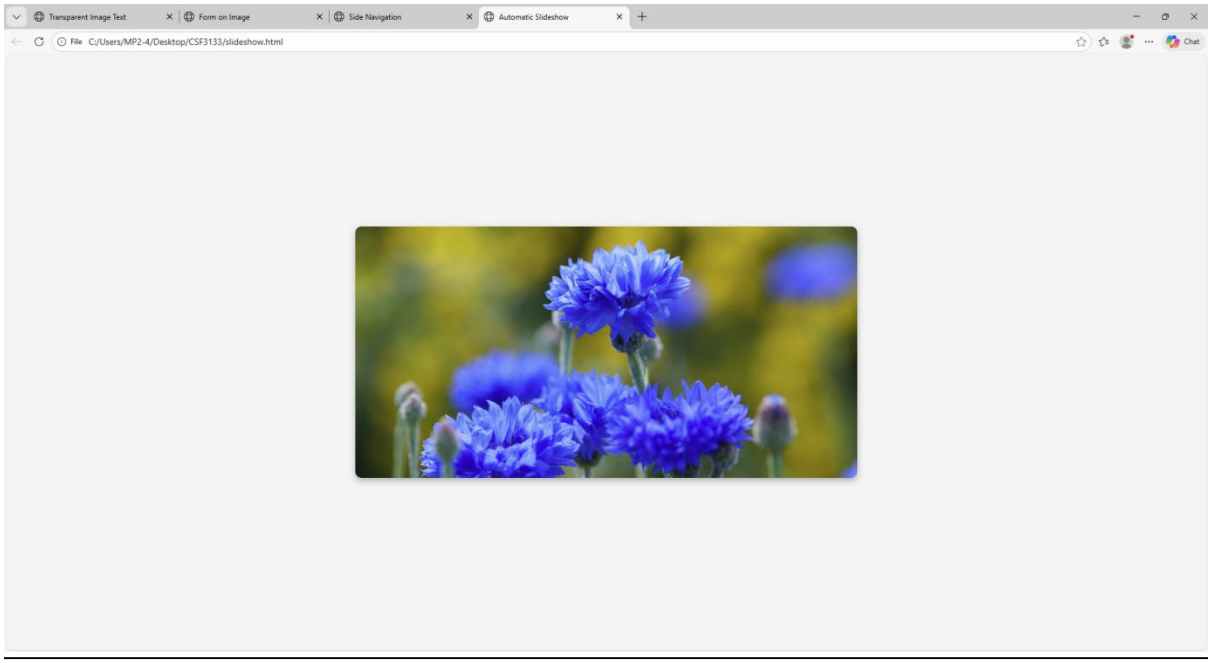


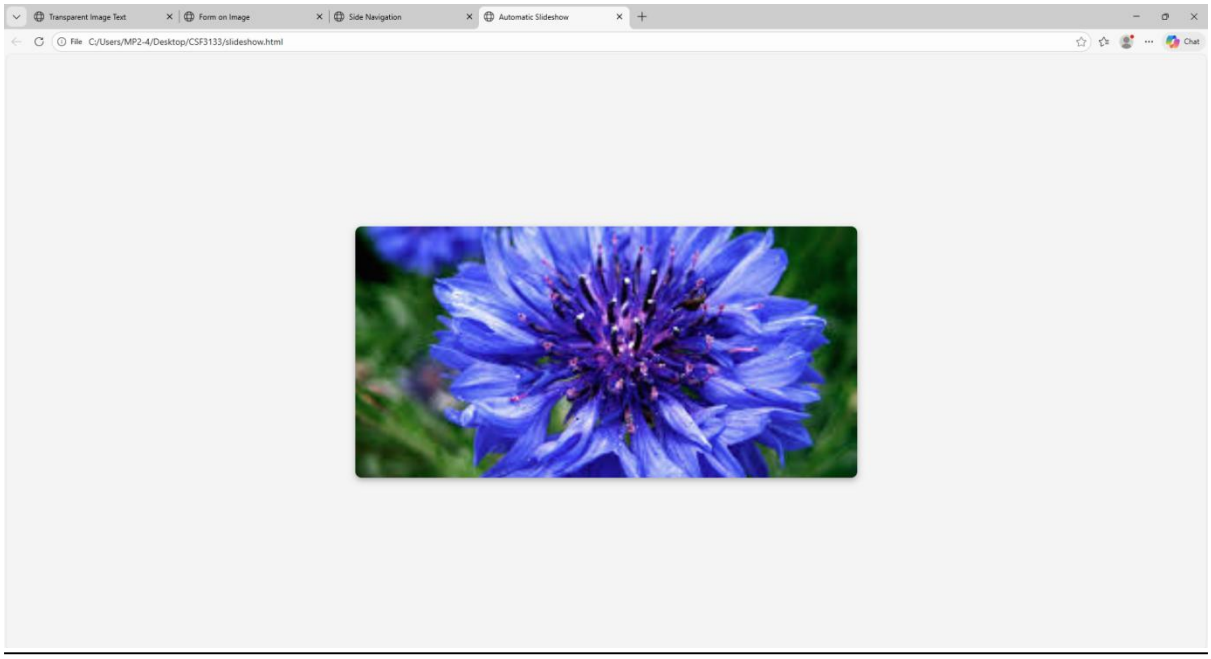
7.3 Create a Side Navigation Buttons



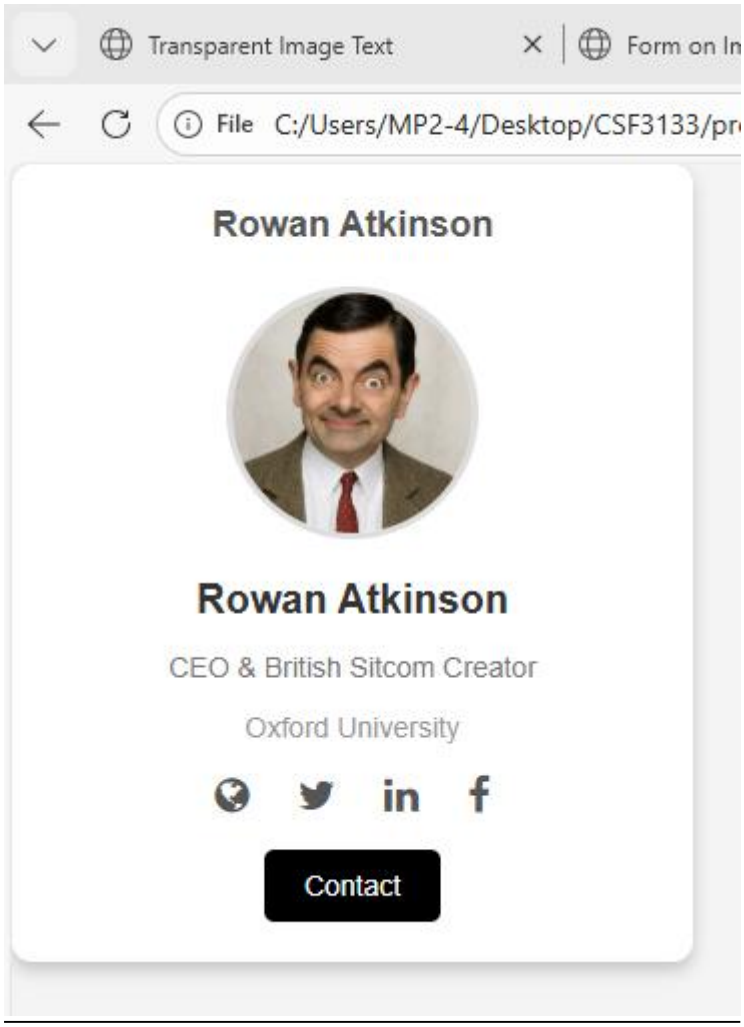


7.4 Create Automatic Slideshow

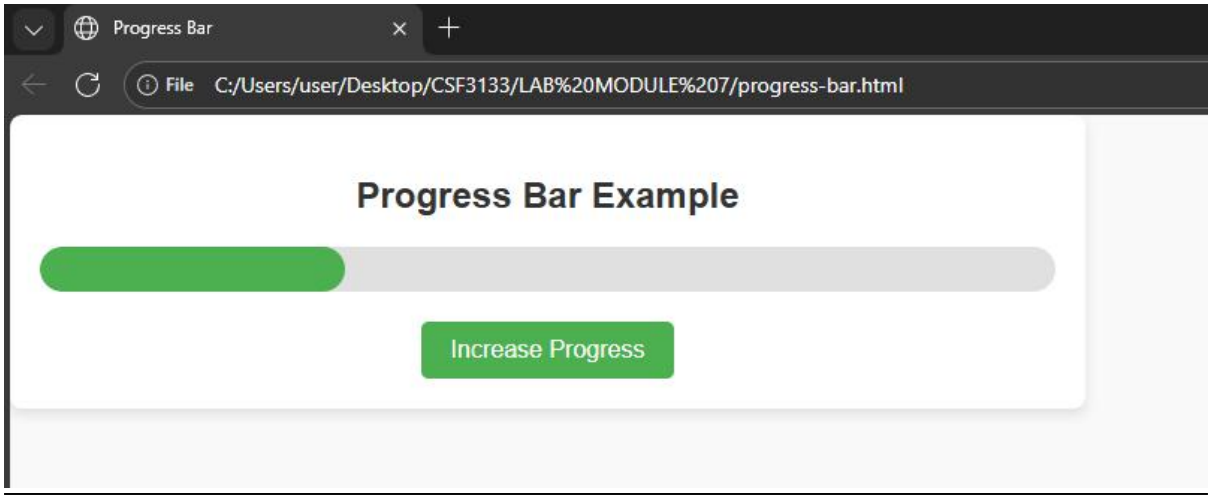


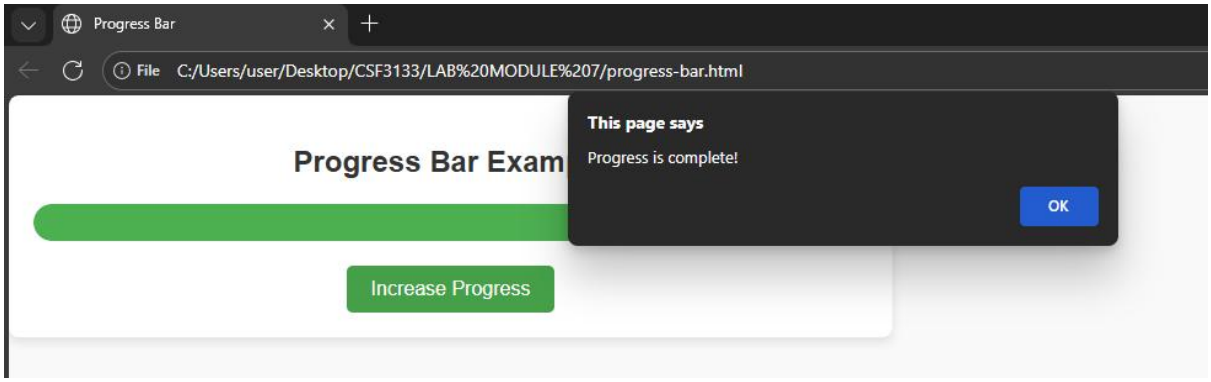

Transparent Image Text
Form on Image
Side Navigation
Automatic Slideshow
File C:/Users/MP2-4/Desktop/CSF3133/slideshow.html
Chat

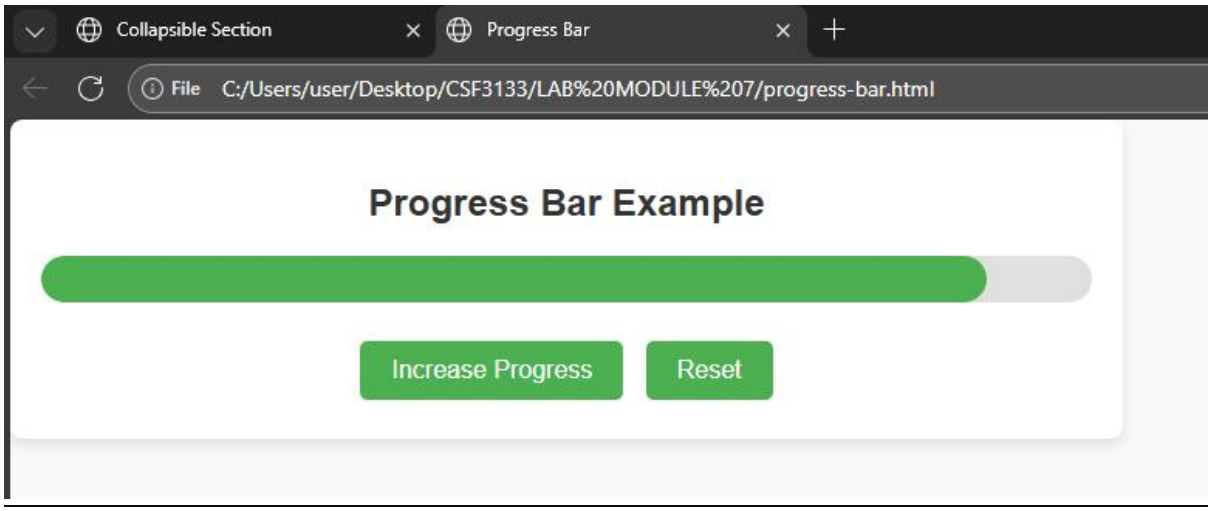
7.5 **Create Profile Card**

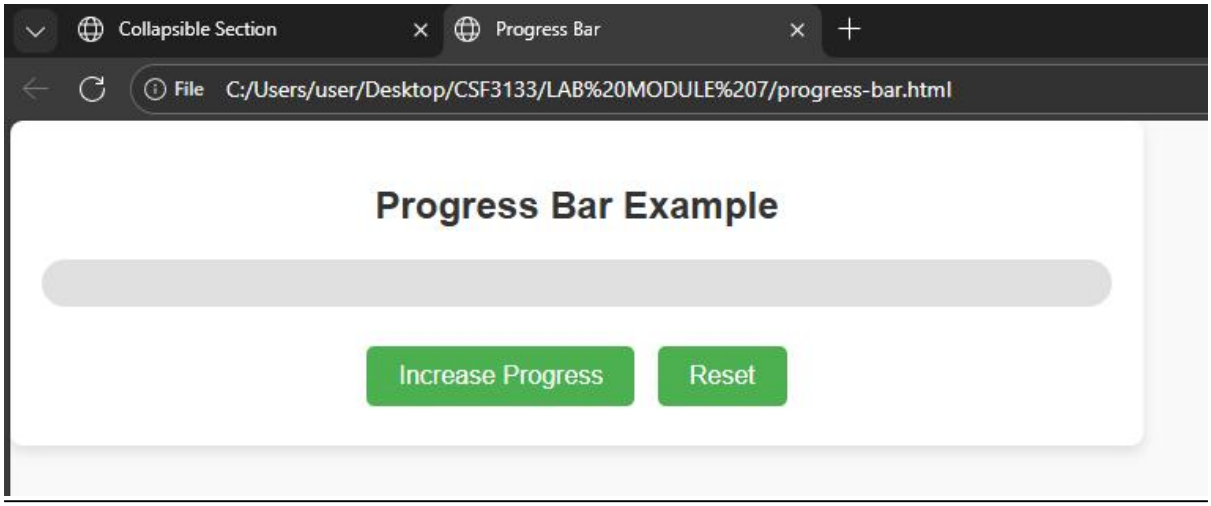


7.6 Create Progress Bar

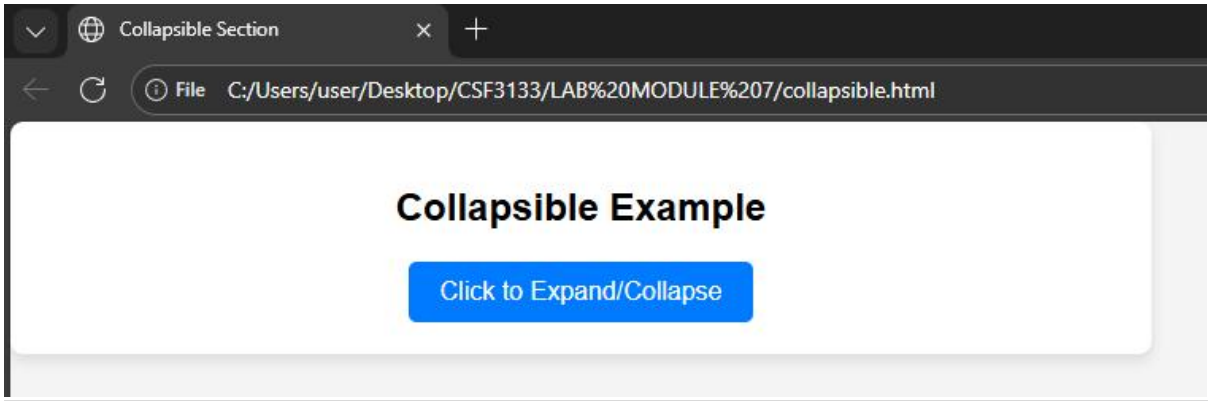


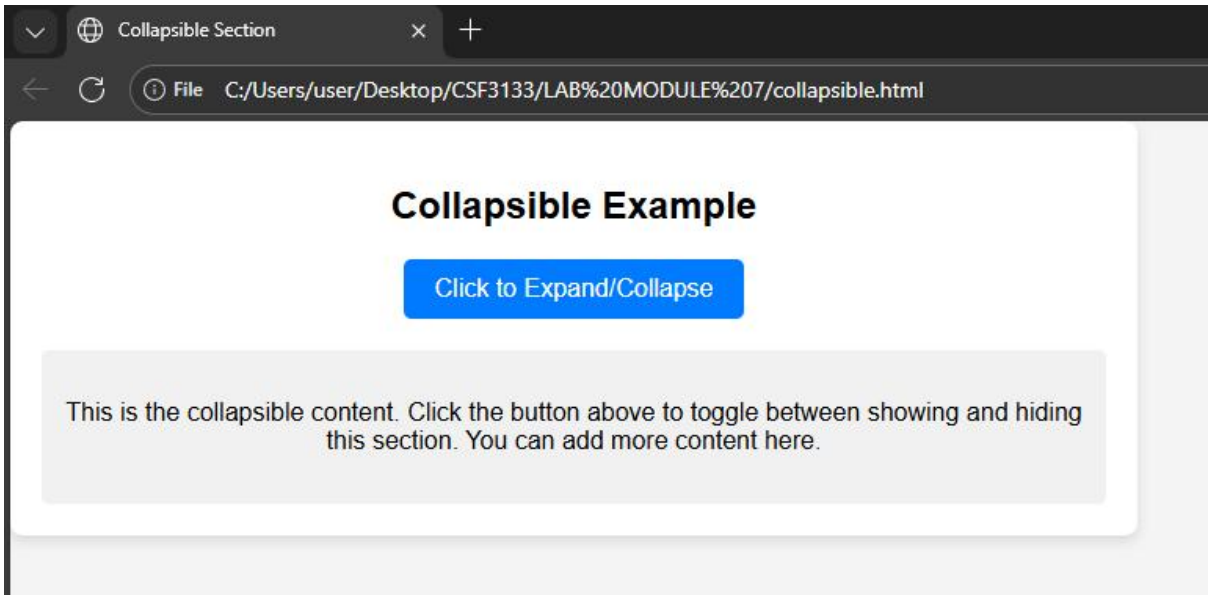


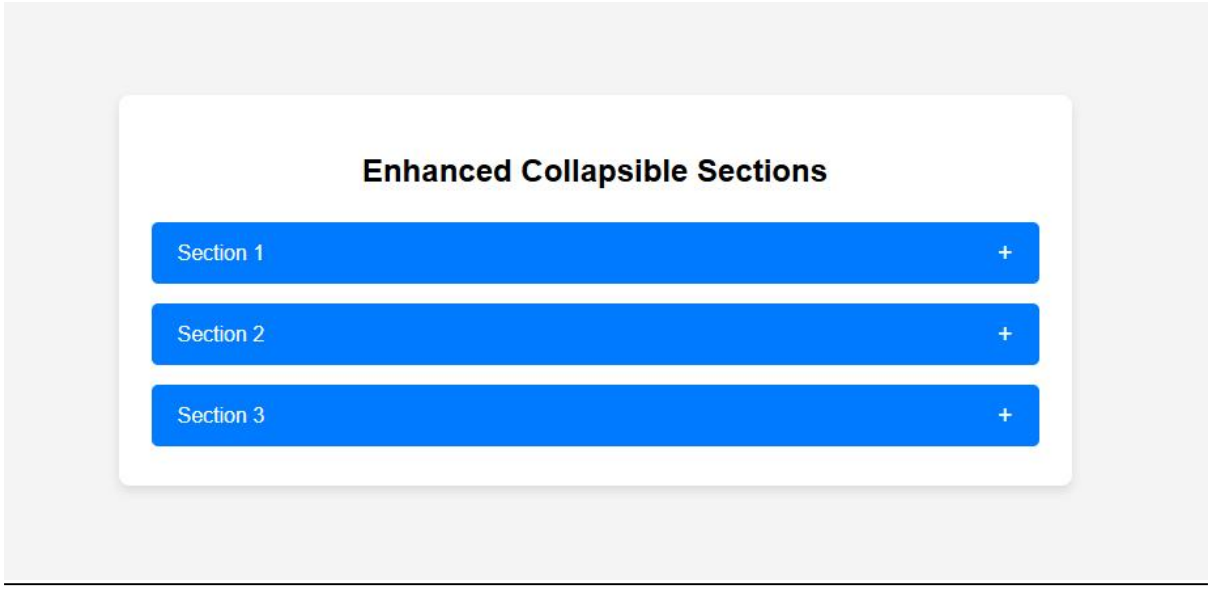


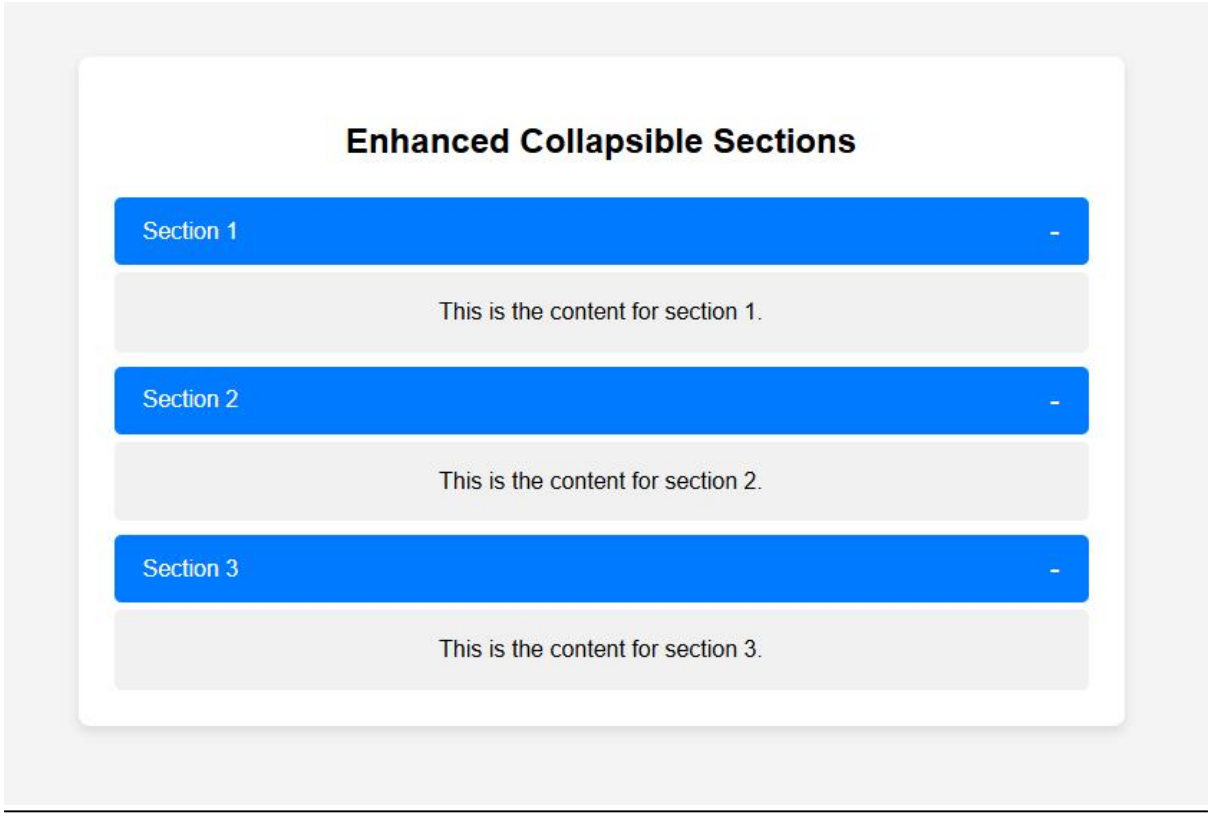

Collapsible Section
Progress Bar
File C:/Users/user/Desktop/CSF3133/LAB%20MODULE%207/progress-bar.html
Progress Bar Example
Increase Progress
Reset

7.7 Create A Collapsible

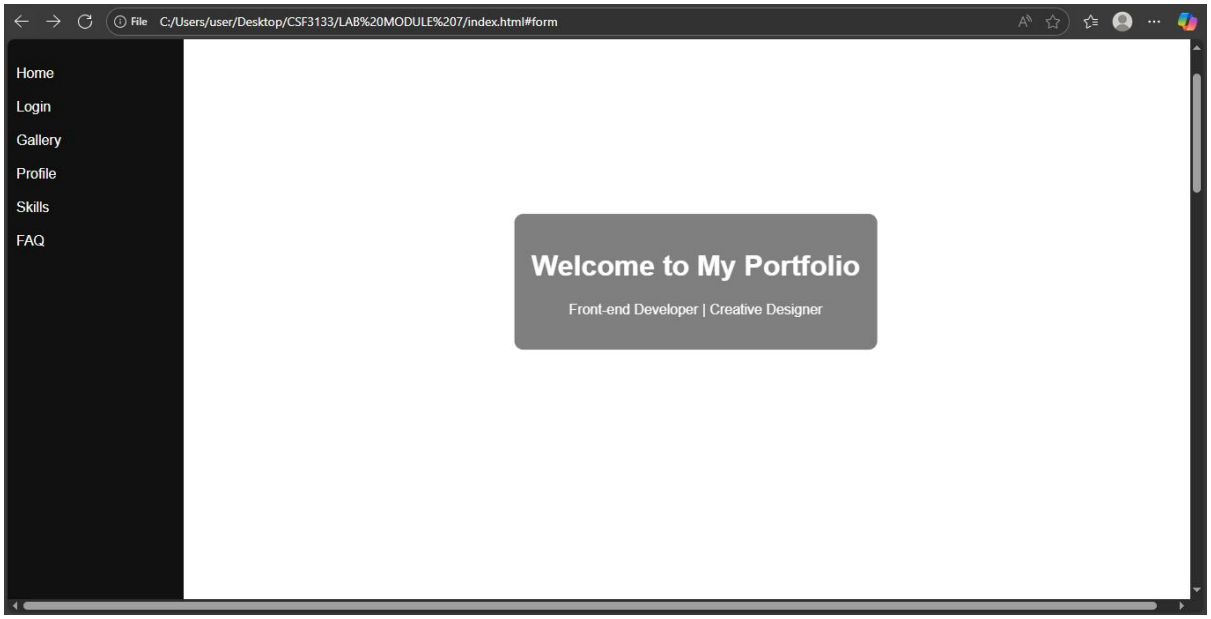


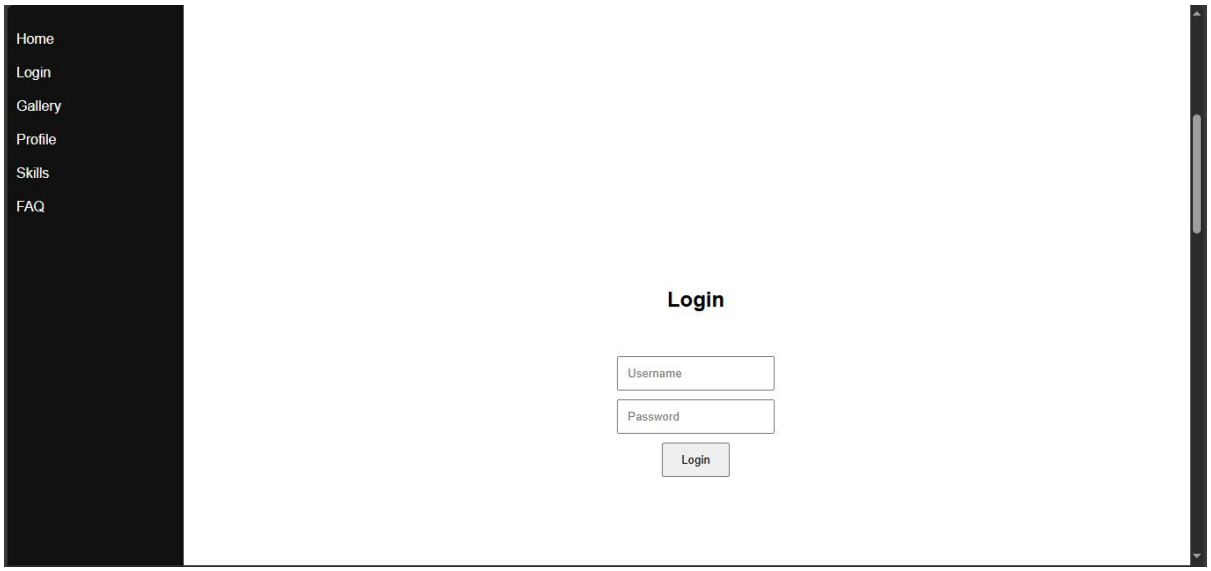


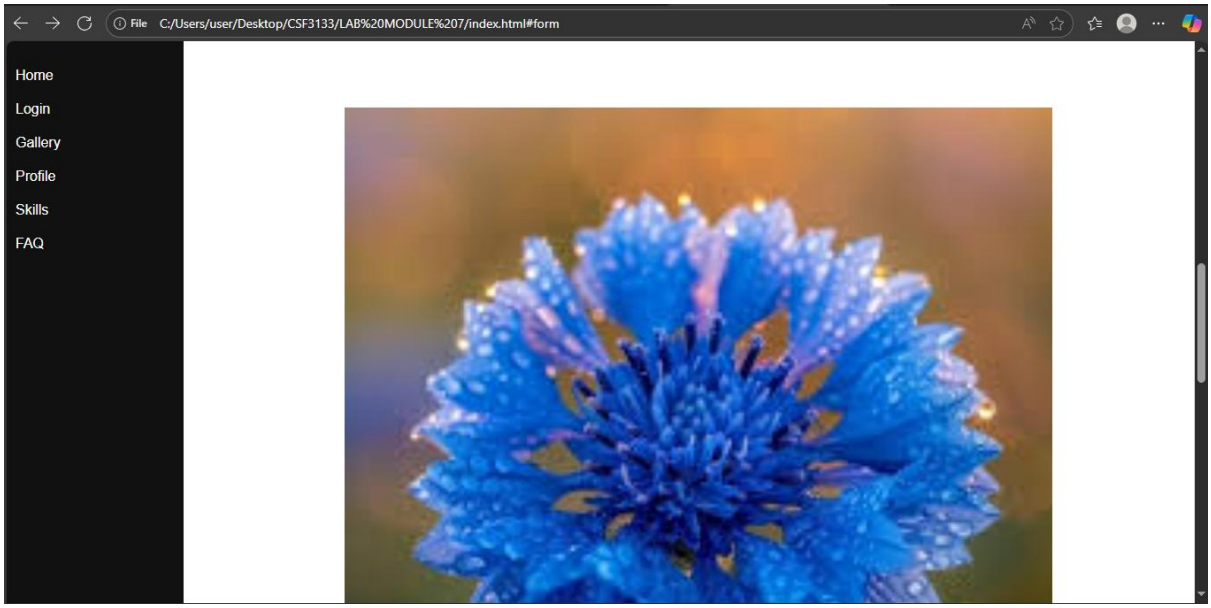


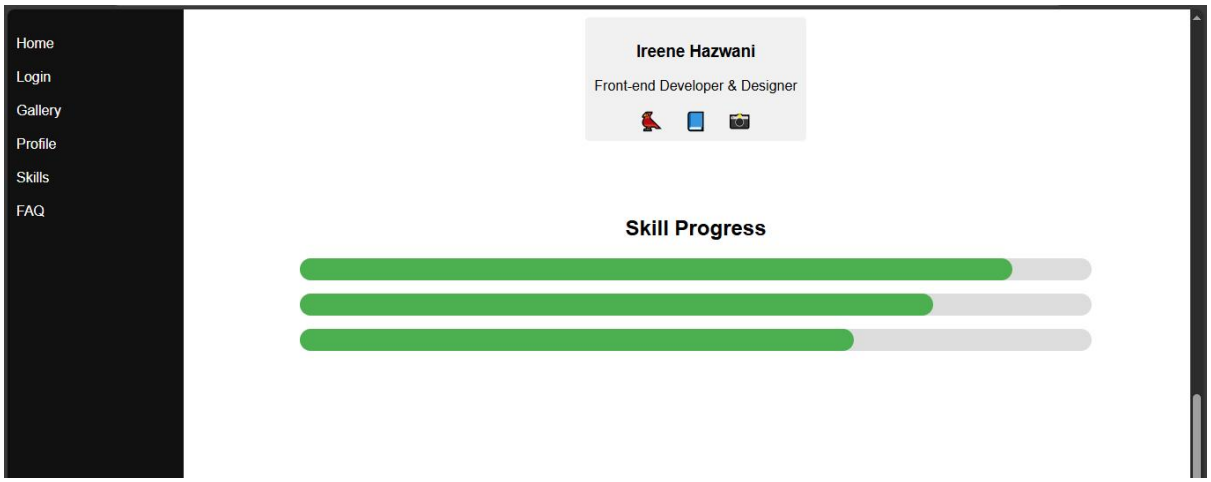

Enhanced Collapsible Sections
Section 1
-
This is the content for section 1.
Section 2
-
This is the content for section 2.
Section 3
-
This is the content for section 3.

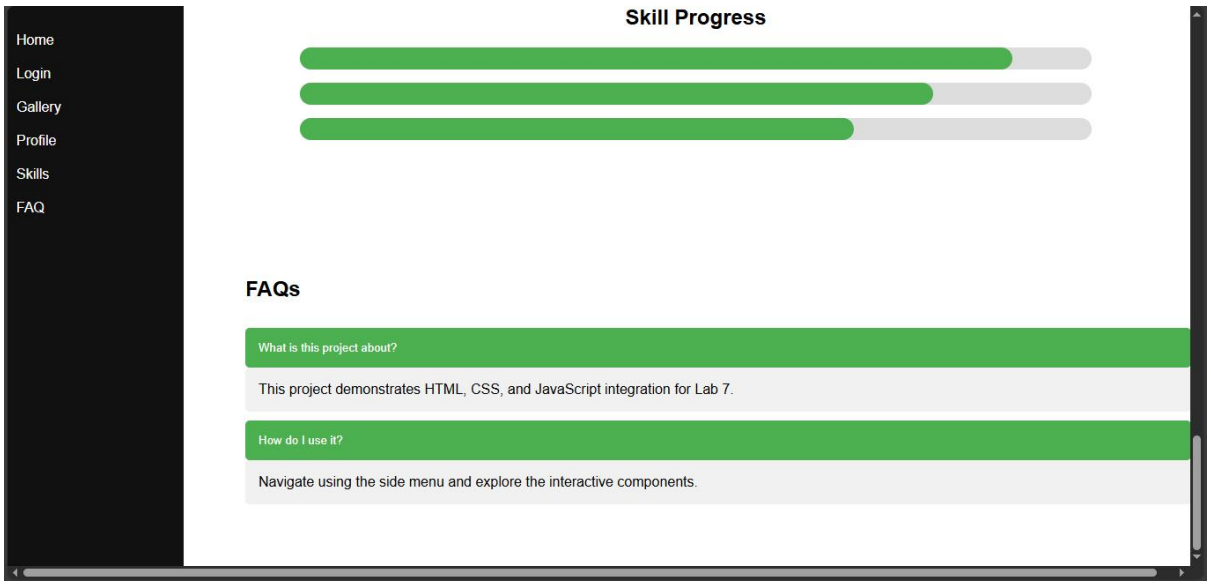
7.8 **Lab Exercise 7**






File C:/Users/user/Desktop/CSF3133/LAB%20MODULE%207/index.html#form
Home
Login
Gallery
Profile
Skills
FAQ


Home
Login
Gallery
Profile
Skills
FAQ
Ireene Hazwani
Front-end Developer & Designer
Skill Progress


Home
Login
Gallery
Profile
Skills
FAQ
Skill Progress
FAQs
What is this project about?
This project demonstrates HTML, CSS, and JavaScript integration for Lab 7.
How do I use it?
Navigate using the side menu and explore the interactive components.

index - Notepad

File Edit Format View Help

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Lab 7 Homepage</title>
  <link rel="stylesheet" href="style.css">
</head>
<body>

<!-- Side Navigation -->
<div class="sidenav">
  <a href="#home">Home</a>
  <a href="#form">Login</a>
  <a href="#slideshow">Gallery</a>
  <a href="#profile">Profile</a>
  <a href="#progress">Skills</a>
  <a href="#faq">FAQ</a>
</div>

<!-- Hero Section -->
<section id="home" class="hero">
  <div class="hero-text">
    <h1>Welcome to My Portfolio</h1>
    <p>Front-end Developer | Creative Designer</p>
  </div>
</section>

<!-- Form on Image -->
<section id="form" class="form-section">
  <h2>Login</h2>
  <form>
    <input type="text" placeholder="Username" required>
    <input type="password" placeholder="Password" required>
    <button type="submit">Login</button>
  </form>
```

index - Notepad

File Edit Format View Help

```
</section>

<!-- Automatic Slideshow -->
<section id="slideshow" class="slideshow-section">
  <div class="slideshow-container">
    <img class="slide" src="image1.jpg" alt="Slide 1">
    <img class="slide" src="image2.jpg" alt="Slide 2">
    <img class="slide" src="image3.jpg" alt="Slide 3">
  </div>
</section>

<!-- Profile Card -->
<section id="profile" class="profile-section">
  <div class="card">
    <h3>Ireene Hazwani</h3>
    <p>Front-end Developer & Designer</p>
    <div class="social-icons">
      <a href="https://x.com/ireenehazwani">
      <a href="https://www.facebook.com/share/16uf7VFBDj/">
      <a href="https://www.instagram.com/_.ireeneee?igsh=MXgxYzF0cDZkdDA3MQ==">
    </div>
  </div>
</section>

<!-- Progress Bar -->
<section id="progress" class="progress-section">
  <h2>Skill Progress</h2>
  <div class="progress-bar">
    <div class="progress" id="progressHTML"></div>
  </div>
  <div class="progress-bar">
    <div class="progress" id="progressCSS"></div>
  </div>
  <div class="progress-bar">
    <div class="progress" id="progressJS"></div>
  </div>

</section>

<!-- Collapsible Section -->
<section id="faq" class="faq-section">
  <h2>FAQs</h2>
  <button class="collapsible">What is this project about?</button>
  <div class="content">
    <p>This project demonstrates HTML, CSS, and JavaScript integration for Lab 7.</p>
  </div>
  <button class="collapsible">How do I use it?</button>
  <div class="content">
    <p>Navigate using the side menu and explore the interactive components.</p>
  </div>
</section>

<script src="script.js"></script>
</body>
</html>
```

style - Notepad

File Edit Format View Help

```
/* General Styles */
body {
  font-family: Arial, sans-serif;
  margin: 0;
  padding: 0;
}

/* Side Navigation */
.sidenav {
  height: 100%;
  width: 200px;
  position: fixed;
  background-color: #111;
  padding-top: 20px;
}
.sidenav a {
  color: white;
  padding: 10px;
  text-decoration: none;
  display: block;
}
.sidenav a:hover {
  background-color: #575757;
}

/* Sections offset from side navigation */
section {
  margin-left: 220px; /* Space for sidenav */
  padding: 50px 20px;
}

/* Hero Section */
.hero {
  background-image: url('https://via.placeholder.com/1200x600');
  height: 100vh;
  background-size: cover;
```

style - Notepad

File Edit Format View Help

```
  background-position: center;
  position: relative;
}
.hero-text {
  color: white;
  text-align: center;
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%);
  background-color: rgba(0,0,0,0.5);
  padding: 20px;
  border-radius: 10px;
}

/* Form Section */
.form-section {
  background-image: url('https://via.placeholder.com/1200x400?text=Form+Background');
  background-size: cover;
  background-position: center;
  text-align: center;
}
.form-section form {
  display: inline-block;
  background-color: rgba(255,255,255,0.8);
  padding: 20px;
  border-radius: 10px;
}
.form-section input {
  display: block;
  margin: 10px auto;
  padding: 10px;
  width: 80%;
}
.form-section button {
  padding: 10px 20px;
```

style - Notepad

File Edit Format View Help

```
}

/* Slideshow */
.slideshow-container {
  position: relative;
  max-width: 800px;
  margin: 20px auto;
}
.slide {
  width: 100%;
  display: none;
}

/* Profile Card */
.profile-section {
  text-align: center;
  padding: 15px 0;
}
.card {
  display: inline-block;
  background-color: #f1f1f1;
  padding: 10px;
  border-radius: 5px;
}
.card img {
  border-radius: 10%;
}
.social-icons a {
  margin: 0 10px;
  font-size: 20px;
  text-decoration: none;
}

/* Progress Bar */
.progress-section {
  text-align: center;
```

style - Notepad

File Edit Format View Help

```
  padding: 50px 0;
}
.progress-bar {
  background-color: #ddd;
  width: 80%;
  height: 25px;
  margin: 15px auto;
  border-radius: 15px;
}
.progress {
  background-color: #4CAF50;
  height: 100%;
  width: 0;
  border-radius: 15px;
}

/* Collapsible Section */
.faq-section {
  width: 80%;
  margin: 20px auto;
  margin-left: 250px; /* extra space so collapsible not hidden behind nav */
}
.collapsible {
  background-color: #4CAF50;
  color: white;
  cursor: pointer;
  padding: 15px;
  width: 100%;
  border: none;
  text-align: left;
  outline: none;
  margin-top: 10px;
  border-radius: 5px;
}
.content {
  padding: 0 15px;
  display: none;
  overflow: hidden;
  background-color: #f1f1f1;
  border-radius: 5px;
}
```

script - Notepad

File Edit Format View Help

```
// Automatic Slideshow
let slideIndex = 0;
function showSlides() {
  let slides = document.getElementsByClassName("slide");
  for (let i = 0; i < slides.length; i++) slides[i].style.display = "none";
  slideIndex++;
  if (slideIndex > slides.length) slideIndex = 1;
  slides[slideIndex-1].style.display = "block";
  setTimeout(showSlides, 3000); // 3 seconds
}
showSlides();

// Progress Bar Animation
function moveProgress(id, width){
  let elem = document.getElementById(id);
  let w=0;
  let idInterval = setInterval(frame, 20);
  function frame(){
    if(w>=width) clearInterval(idInterval);
    else { w++; elem.style.width = w + "%"; }
  }
}
moveProgress("progressHTML", 90);
moveProgress("progressCSS", 80);
moveProgress("progressJS", 70);

// Collapsible Sections
let coll = document.getElementsByClassName("collapsible");
for(let i=0;i<coll.length;i++){
  coll[i].addEventListener("click", function(){
    this.classList.toggle("active");
    let content = this.nextElementSibling;
    content.style.display = content.style.display === "block" ? "none" : "block";
  });
}
```