UNIVERSITI MALAYSIA TERENGGANU

WEB-BASED INTERFACE DESIGN
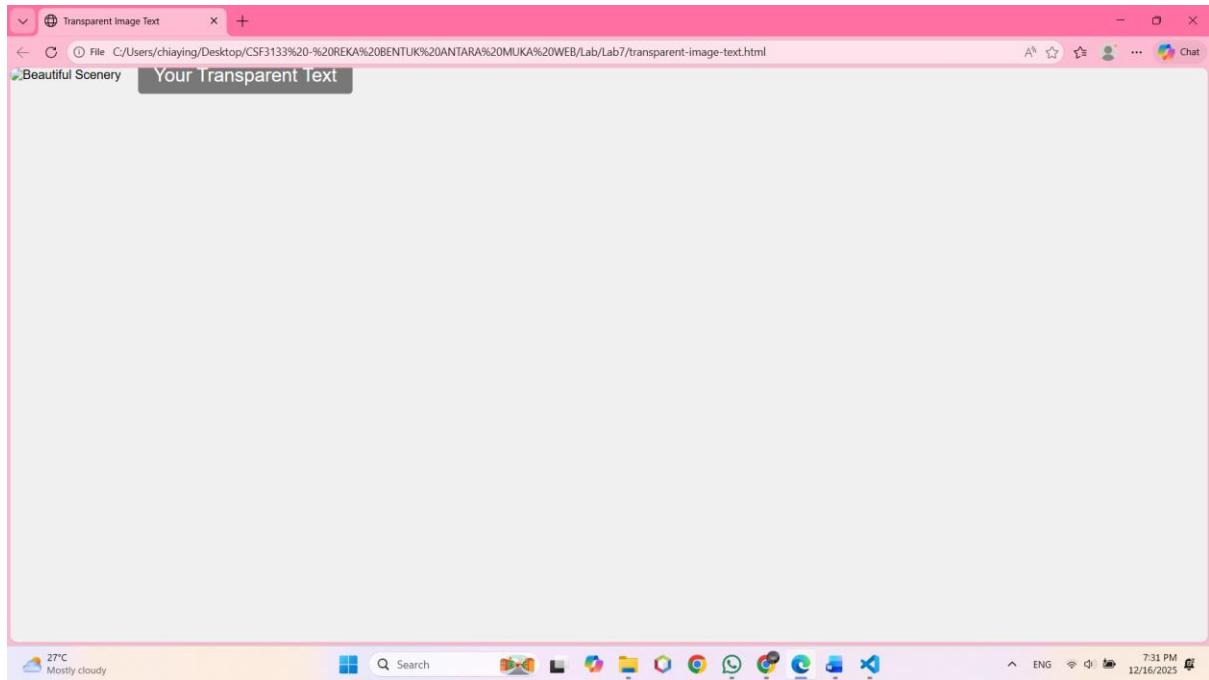
(CSF 3133)

LAB REPORT 6
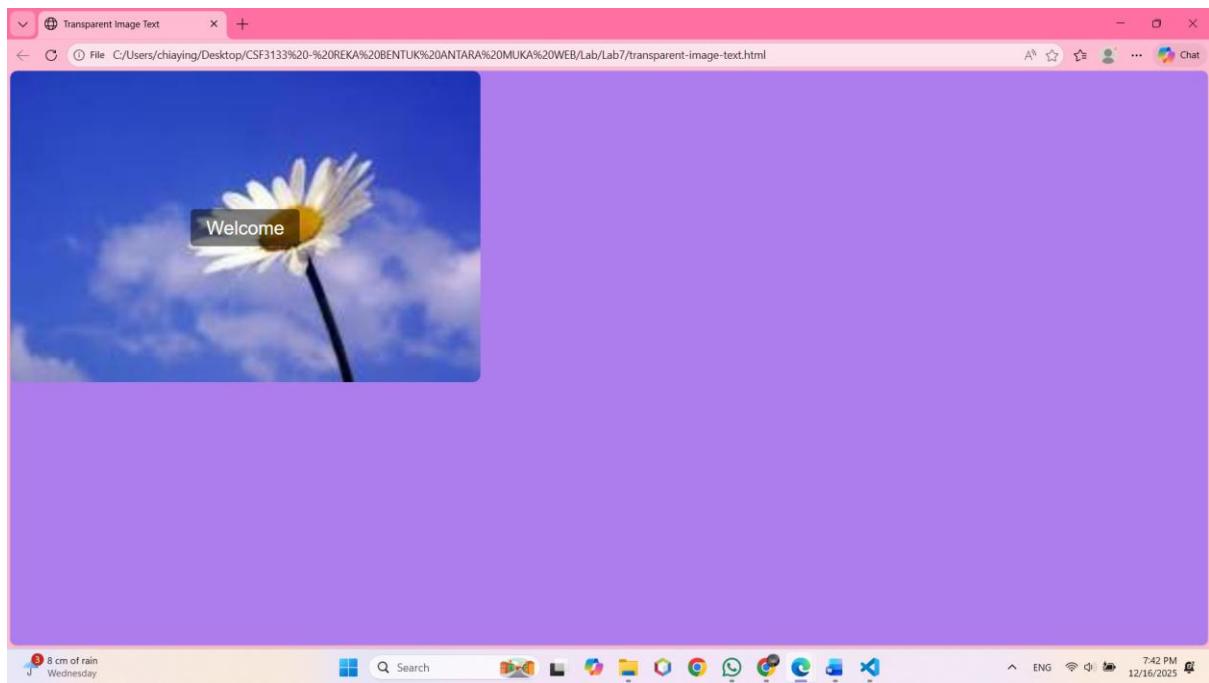
NAME	**:**	**LIM CHIA YING**
MATRIC	**:**	**S75063**
DATE	**:**	**3 DECEMBER 2025**
GROUP	**:**	**K4**
PROGRAMME	**:**	**COMPUTER SCIENCE (SOFTWARE ENGINEERING)**

7.1 Create a Transparent Image Text

### Before customize
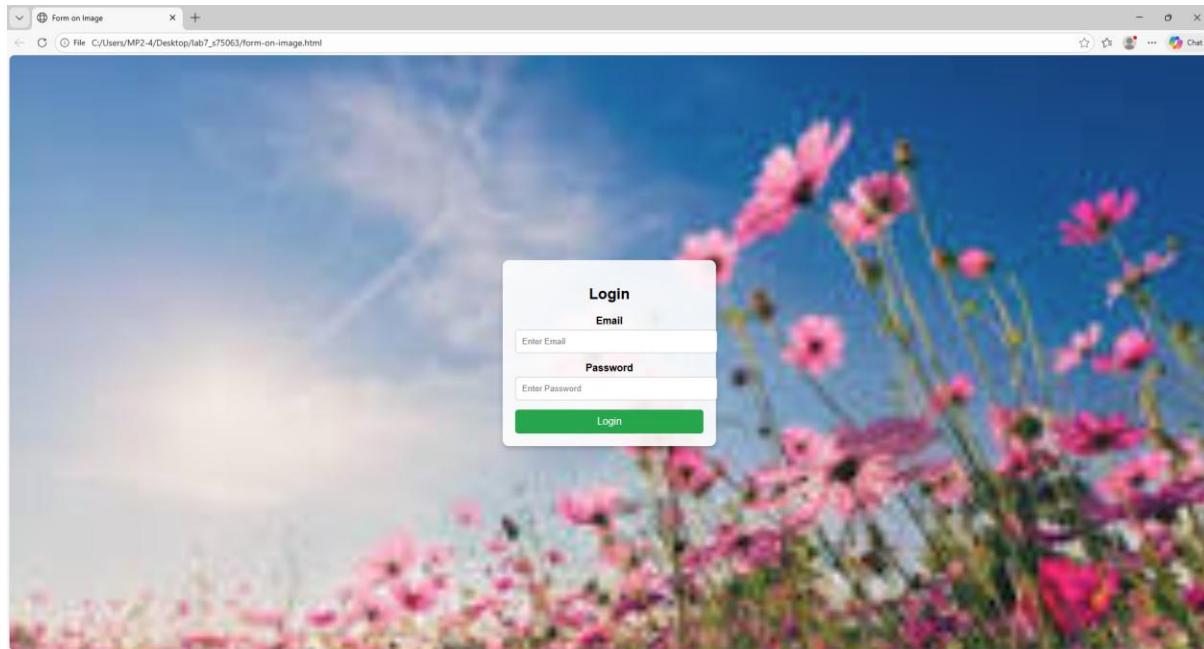
After customize
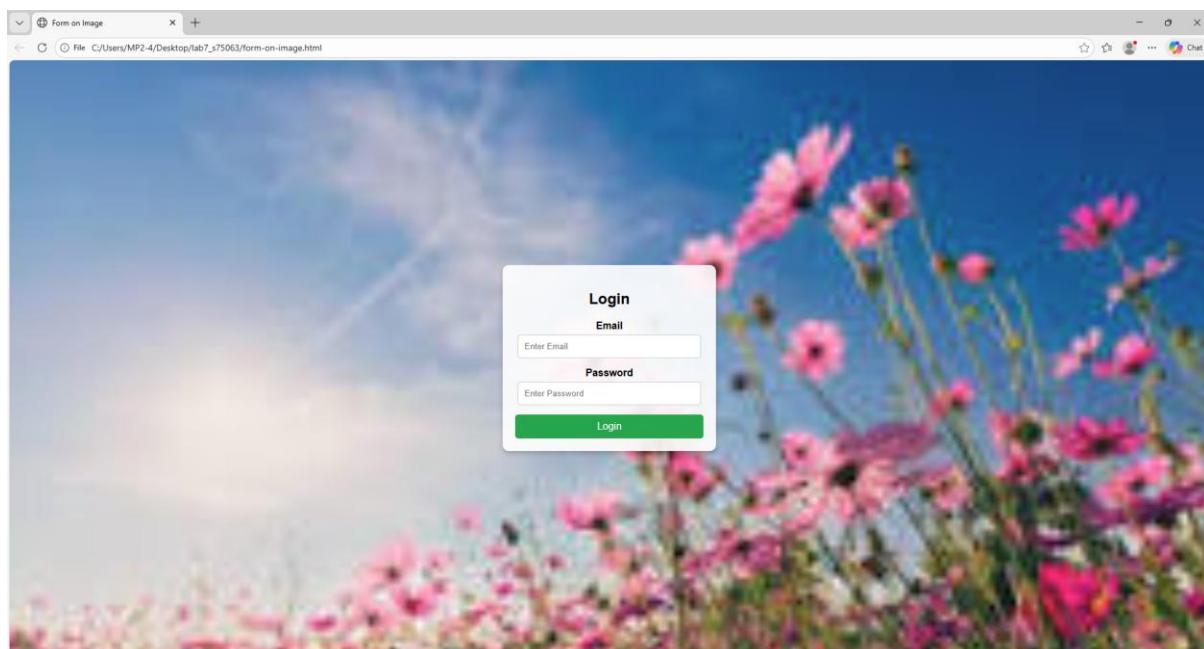
7.2 Create a Form on Image

Before
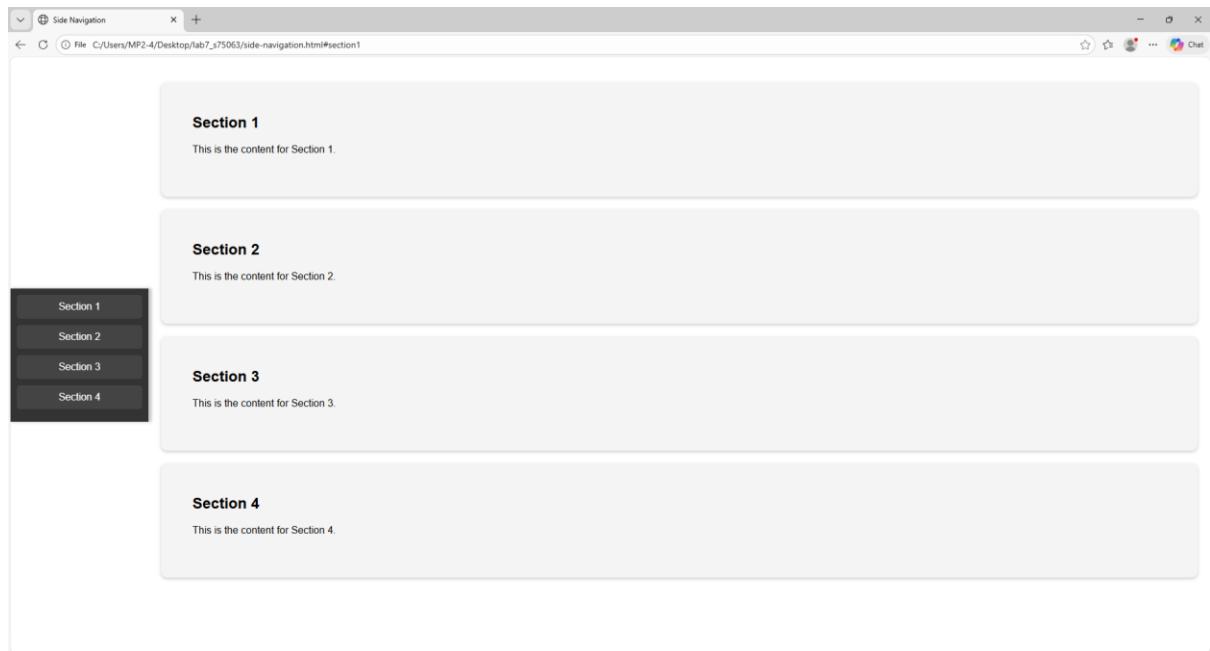
After
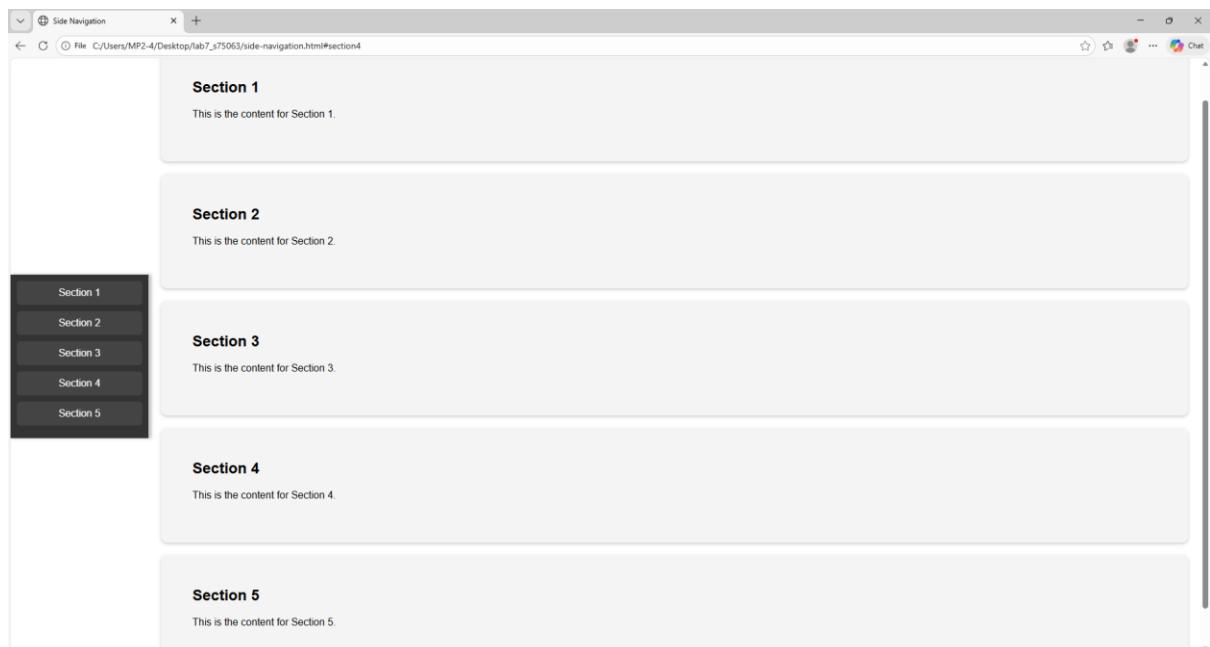
7.3 Create a Side Navigation Buttons
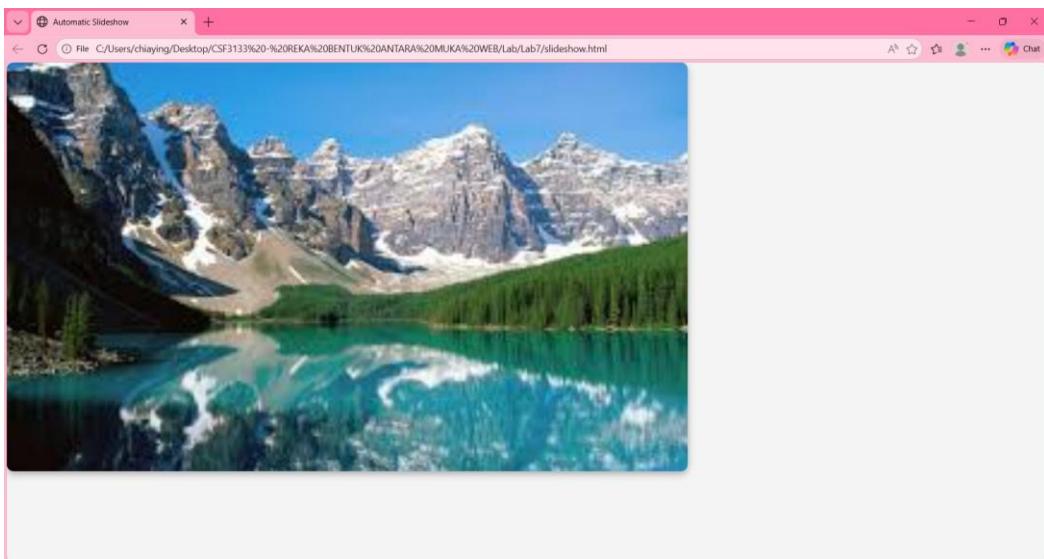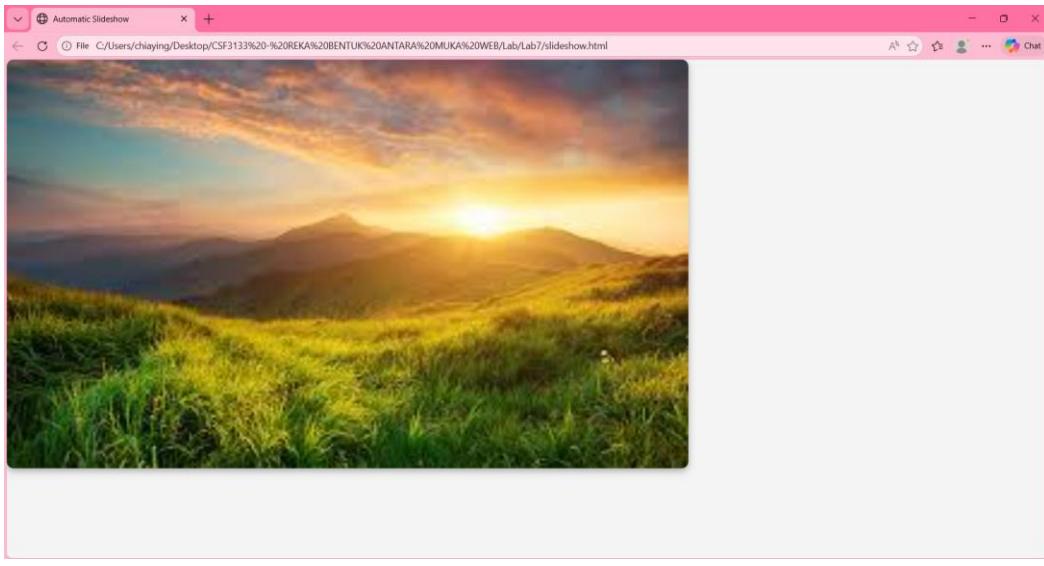
Before
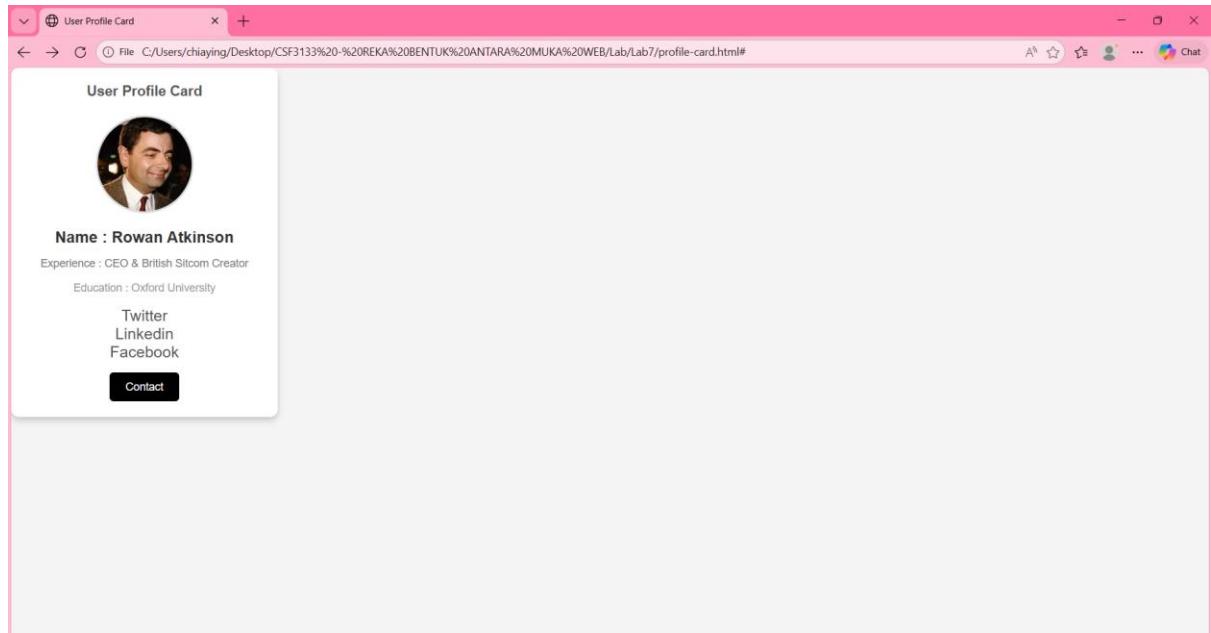
After
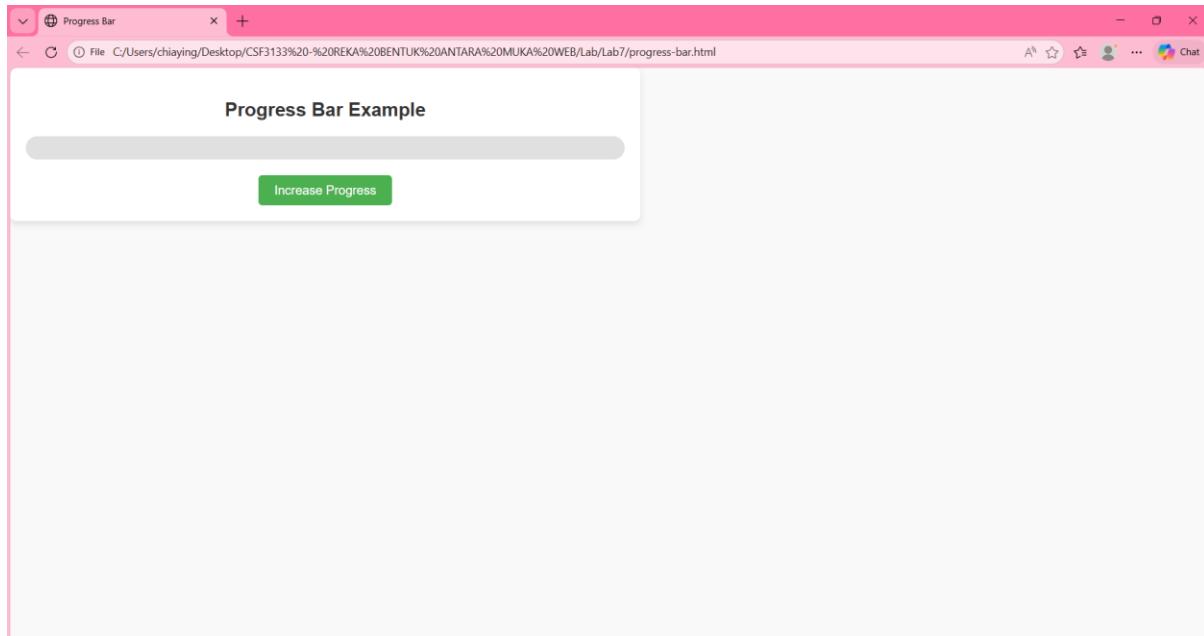
7.4 Create Automatic Slideshow
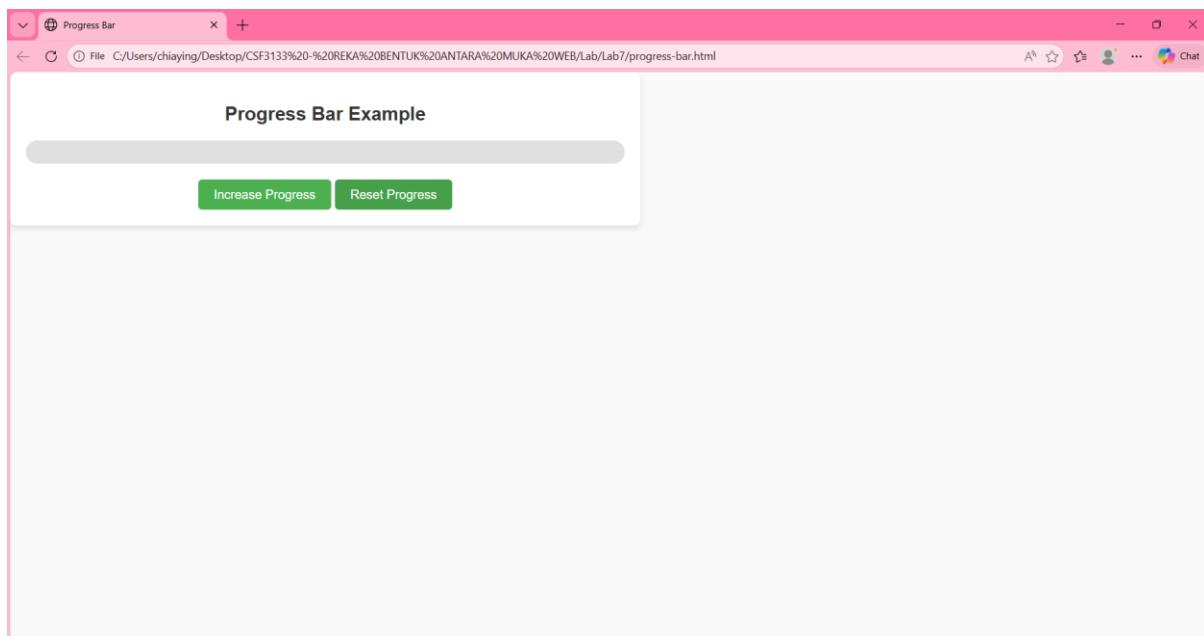
7.5 Create Profile Card
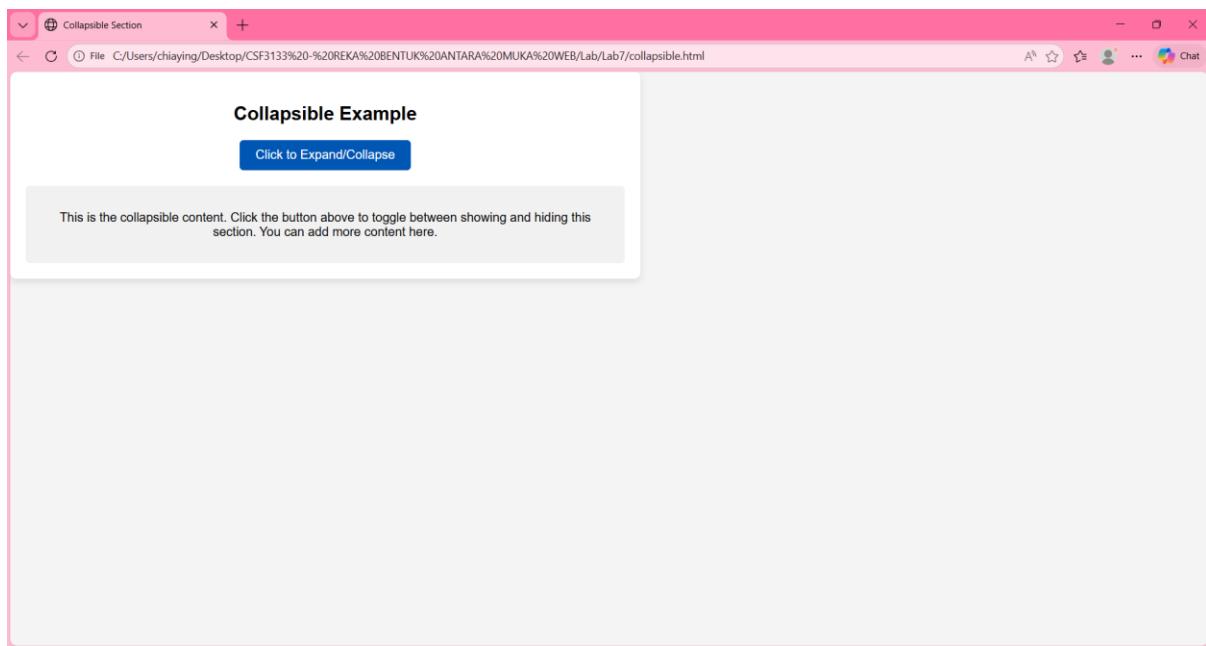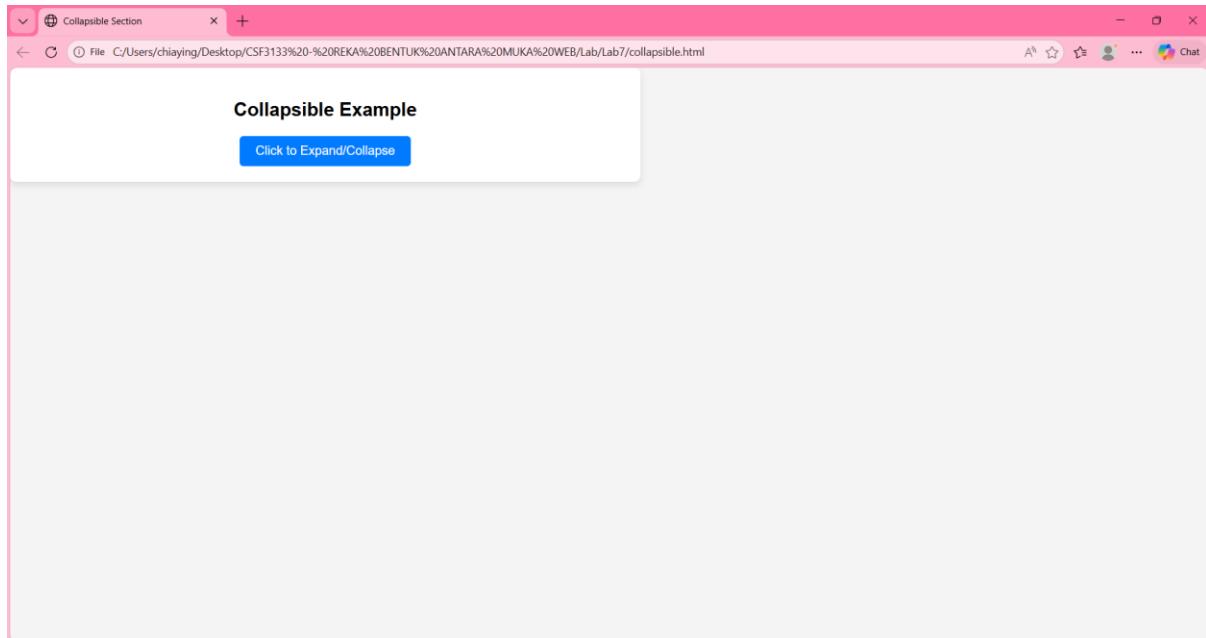
7.6 Create Progress Bar
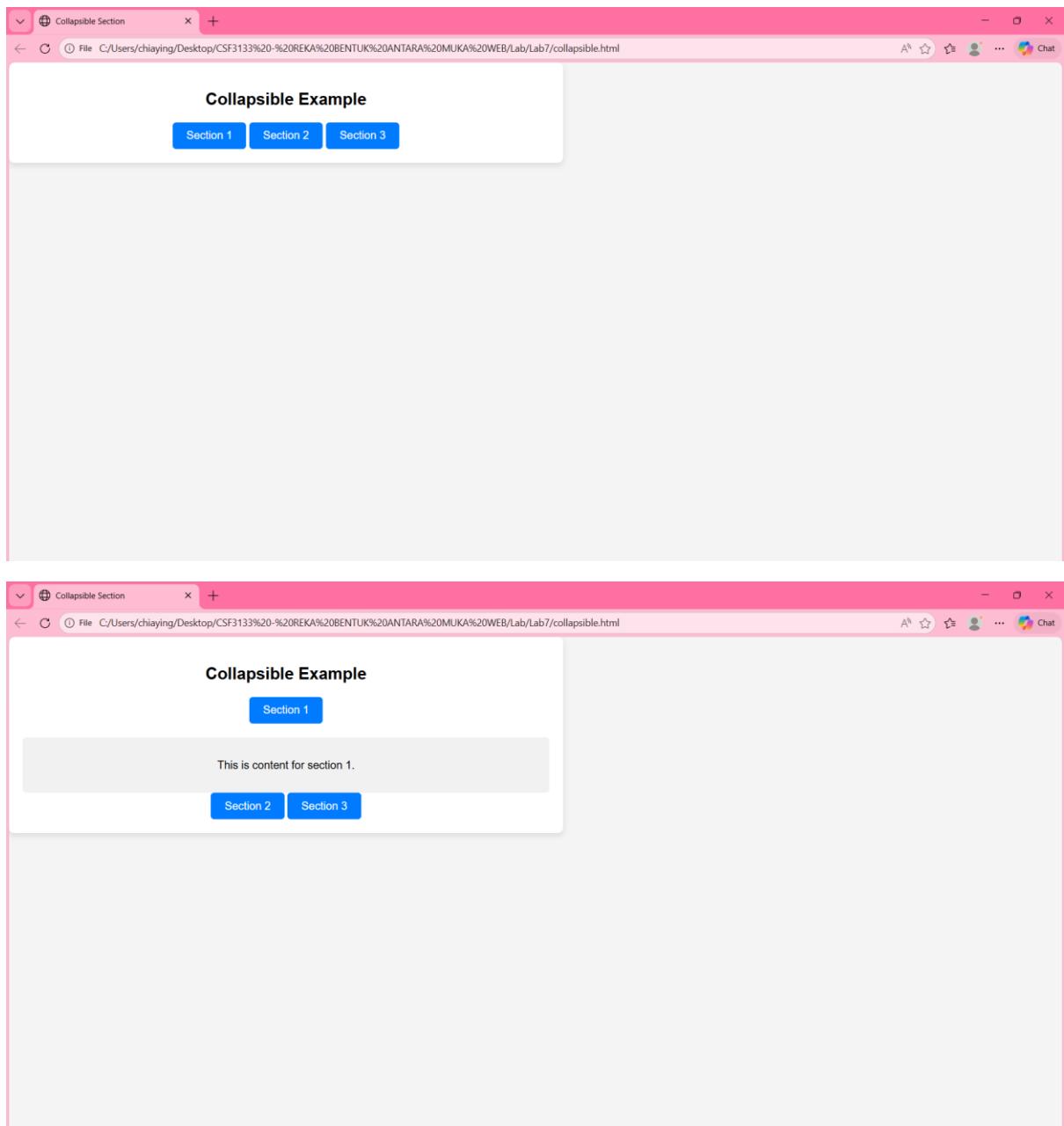
Further enhancement
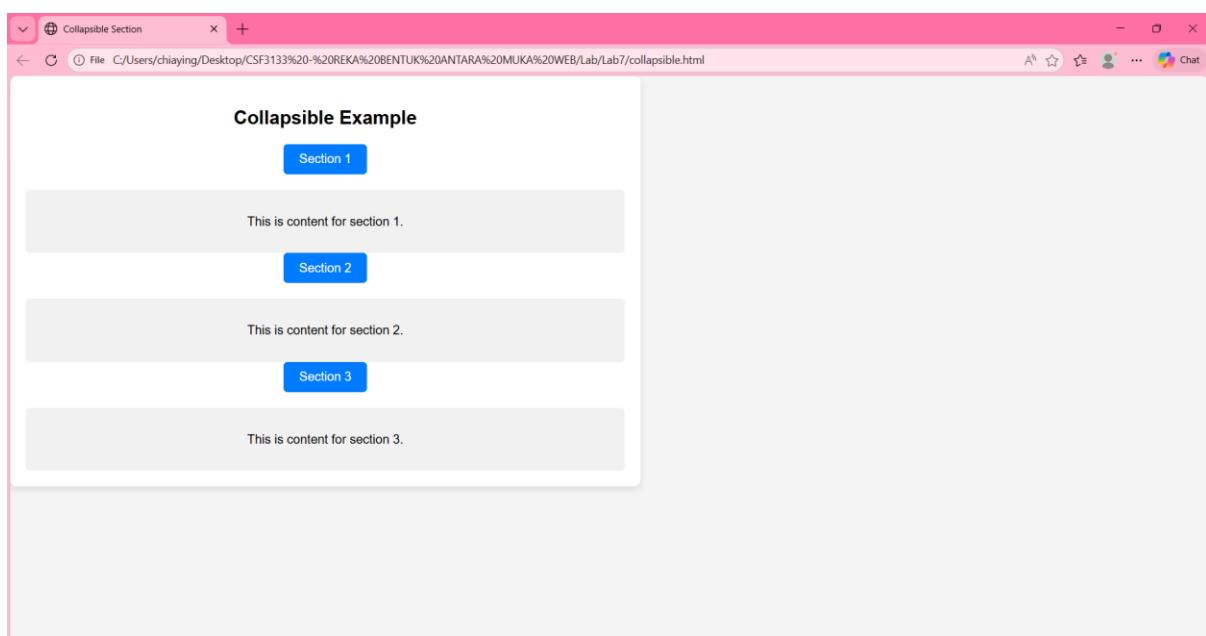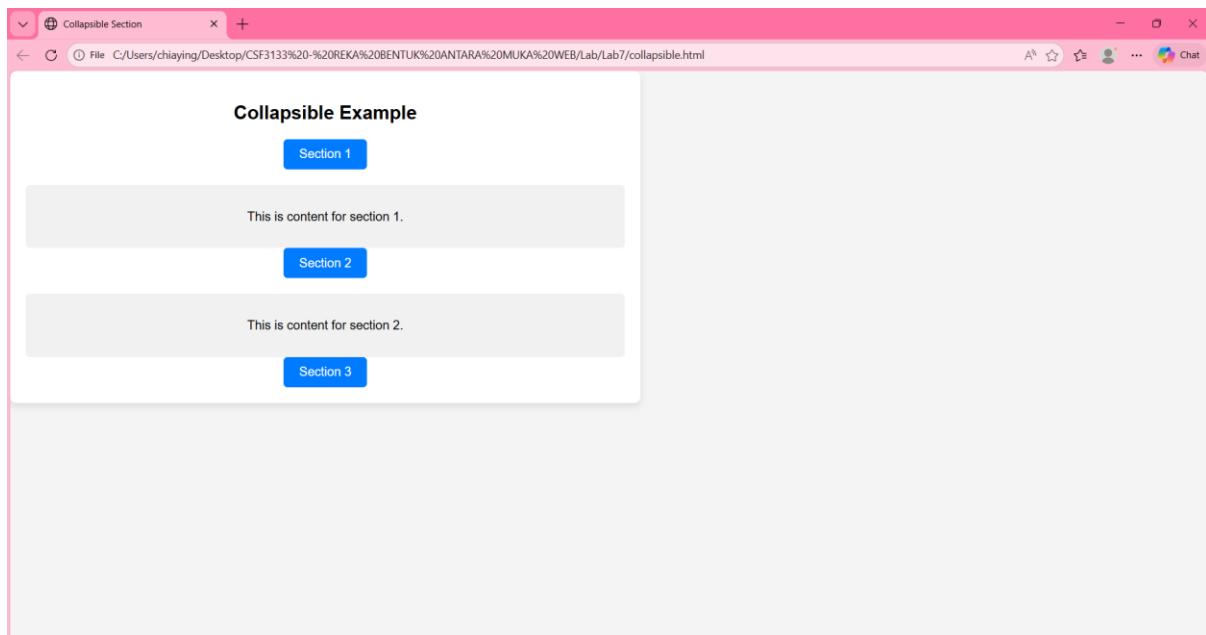
7.7 Create A Collapsible

Further enhancement

Collapsible Example

Section 1

This is content for section 1.

Section 2

This is content for section 2.

Section 3

Collapsible Example

Section 1

This is content for section 1.

Section 2

This is content for section 2.

Section 3

This is content for section 3.

7.8 Lab Exercise 7

Code :

```html
lab7.html > ...
1    <!DOCTYPE html>
2    <html lang="en">
3
4    <head>
5        <meta charset="UTF-8">
6        <title>Lab Exercise 7</title>
7        <meta name="viewport" content="width=device-width, initial-scale=1.0">
8
9        <!-- CSS FILES -->
10       <link rel="stylesheet" href="lab7.css">
11
12   </head>
13
14   <body>
15
16       <!-- SIDE NAVIGATION -->
17       <div class="side-nav">
18           <a href="#home">Home</a>
19           <a href="#login">Login</a>
20           <a href="#slideshow">Slideshow</a>
21           <a href="#profile">Profile</a>
22           <a href="#progress">Progress</a>
23           <a href="#faq">FAQ</a>
24       </div>
25
26       <!-- TRANSPARENT IMAGE TEXT -->
27       <section id="home">
28           <div class="image-container">
29               <img src="7.1.jpg" alt="Background Image">
30               <div class="overlay-text">Welcome to My Homepage</div>
31           </div>
32       </section>
33
34       <!-- FORM ON IMAGE -->
35       <section id="login">
36           <div class="image-container">
37               <img src="7.2.jpg" alt="Login Background">
```

```html
38               <div class="form-container">
39                   <h2>Login</h2>
40                   <form>
41                       <label>Email</label>
42                       <input type="email" placeholder="Enter Email" required>
43
44                       <label>Password</label>
45                       <input type="password" placeholder="Enter Password" required>
46
47                       <button type="submit">Login</button>
48                   </form>
49               </div>
50           </div>
51       </section>
52
53       <!-- AUTOMATIC SLIDESHOW -->
54       <section id="slideshow">
55           <div class="slideshow-container">
56               <div class="slide fade">
57                   <img src="7.4.1.jpg">
58               </div>
59               <div class="slide fade">
60                   <img src="7.4.2.jpg">
61               </div>
62               <div class="slide fade">
63                   <img src="7.4.3.jpg">
64               </div>
65           </div>
66       </section>
67
68       <!-- PROFILE CARD -->
69       <section id="profile">
70           <div class="profile-card">
```

```html
            <img src="le.jpg" class="profile-image">
            <h3 class="profile-name">Lim Chia Ying</h3>
            <p class="profile-title">Web Design Student</p>
            <p class="profile-education">Universiti Malaysia Terengganu</p>
            <button class="contact-btn">Contact</button>
        </div>
    </section>

    <!-- PROGRESS BAR -->
    <section id="progress">
        <div class="container">
            <h2>Project Progress</h2>
            <div class="progress-container">
                <div class="progress-bar" id="progress-bar"></div>
            </div>
            <button id="increase-progress">Increase Progress</button>
        </div>
    </section>

    <!-- COLLAPSIBLE -->
    <section id="faq">
        <div class="container">
            <h2>More Information</h2>
            <button class="collapsible">Click to Expand/Collapse</button>
            <div class="content">
                <p>Nice to meet you</p>
            </div>
        </div>
    </section>

    <!-- JAVASCRIPT -->
    <script src="lab7.js"></script>

</body>

</html>
```

```js
JS lab7.js > ...
  1   /* ===================================
  2      AUTOMATIC SLIDESHOW (Activity 1.4)
  3   =================================== */
  4
  5   let slideIndex = 0;
  6
  7   function showSlides() {
  8       let slides = document.getElementsByClassName("slide");
  9
 10       // Hide all slides
 11       for (let i = 0; i < slides.length; i++) {
 12           slides[i].style.display = "none";
 13       }
 14
 15       // Move to next slide
 16       slideIndex++;
 17
 18       if (slideIndex > slides.length) {
 19           slideIndex = 1;
 20       }
 21
 22       // Show current slide
 23       slides[slideIndex - 1].style.display = "block";
 24
 25       // Change slide every 3 seconds
 26       setTimeout(showSlides, 3000);
 27   }
 28
 29   // Start slideshow
 30   showSlides();
 31
 32
 33   /* ===================================
 34      PROGRESS BAR (Activity 1.6)
 35   =================================== */
 36
 37   document.addEventListener("DOMContentLoaded", function () {
```

```js
 38
 39       const progressBar = document.getElementById("progress-bar");
 40       const increaseButton = document.getElementById("increase-progress");
 41       let progress = 0;
 42
 43       increaseButton.addEventListener("click", function () {
 44           if (progress < 100) {
 45               progress += 10;   // increase by 10%
 46               progressBar.style.width = progress + "%";
 47           } else {
 48               alert("Progress is complete!");
 49           }
 50       });
 51
 52
 53       /* ===================================
 54          COLLAPSIBLE SECTION (Activity 1.7)
 55       =================================== */
 56
 57       const collapsibleButton = document.querySelector(".collapsible");
 58       const content = document.querySelector(".content");
 59
 60       collapsibleButton.addEventListener("click", function () {
 61           if (content.style.display === "block") {
 62               content.style.display = "none";
 63           } else {
 64               content.style.display = "block";
 65           }
 66       });
 67
 68   });
```

```css
# lab7.css > ...
1    /* ================================
2     │  GLOBAL STYLES
3     ================================ */
4    body {
5        margin: 0;
6        font-family: Arial, sans-serif;
7    }
8
9    section {
10       margin-left: 220px;
11       padding: 40px 20px;
12   }
13
14   /* ================================
15    │  SIDE NAVIGATION (Activity 1.3)
16    ================================ */
17   .side-nav {
18       position: fixed;
19       top: 50%;
20       left: 0;
21       transform: translateY(-50%);
22       width: 200px;
23       background-color: #333;
24       padding: 10px;
25   }
26
27   .side-nav a {
28       display: block;
29       color: white;
30       text-decoration: none;
31       padding: 10px;
32       margin-bottom: 10px;
33       background-color: #444;
34       text-align: center;
35       border-radius: 5px;
36   }
37
38   .side-nav a:hover {
39       background-color: #555;
40   }
41
42   html {
43       scroll-behavior: smooth;
44   }
45
46   /* ================================
47    │  TRANSPARENT IMAGE TEXT (1.1)
48    ================================ */
49   .image-container {
50       position: relative;
51       width: 80%;
52       max-width: 800px;
53       margin: auto;
54   }
55
56   .image-container img {
57       width: 100%;
58       border-radius: 10px;
59   }
60
61   .overlay-text {
62       position: absolute;
63       top: 50%;
64       left: 50%;
65       transform: translate(-50%, -50%);
66       background-color: rgba(0, 0, 0, 0.5);
67       color: white;
68       padding: 15px 25px;
69       border-radius: 5px;
70       font-size: 24px;
71       text-align: center;
72   }
73
74   /* ================================
```

```css
    FORM ON IMAGE (1.2)
=============================== */
.form-container {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%);
    background-color: ▪rgba(255, 255, 255, 0.9);
    padding: 20px;
    border-radius: 10px;
    width: 300px;
    text-align: center;
}

.form-container label {
    display: block;
    font-weight: bold;
    margin-bottom: 5px;
}

.form-container input {
    width: 90%;
    padding: 10px;
    margin-bottom: 15px;
    border: 1px solid ▪#ccc;
    border-radius: 5px;
}

.form-container button {
    width: 100%;
    padding: 10px;
    background-color: ▪#28a745;
    color: ▪white;
    border: none;
    border-radius: 5px;
    cursor: pointer;
}
```
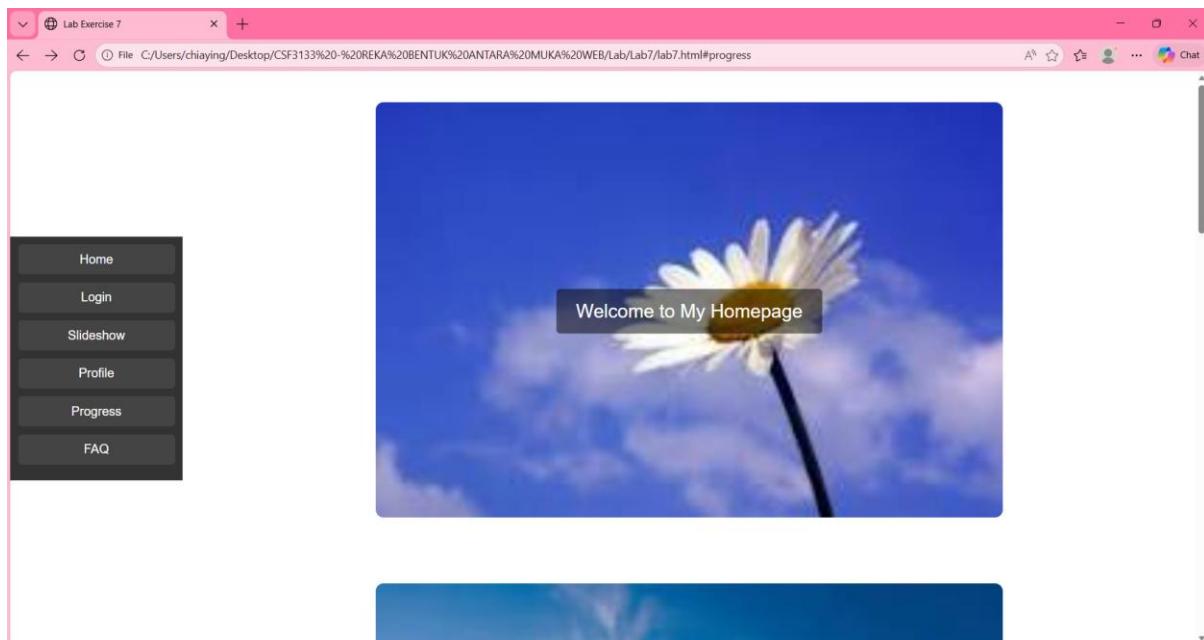
```css
.form-container button:hover {
    background-color: ▪#218838;
}

/* ===============================
    SLIDESHOW (1.4)
=============================== */
.slideshow-container {
    position: relative;
    max-width: 80%;
    height: 400px;
    margin: auto;
    overflow: hidden;
    border-radius: 10px;
}

.slide {
    display: none;
    position: absolute;
    width: 100%;
    height: 100%;
}

.slide img {
    width: 100%;
    height: 100%;
    object-fit: cover;
}

.fade {
    animation: fadeEffect 1s ease-in-out;
}

@keyframes fadeEffect {
    from {
        opacity: 0.4;
```

```css
        }

    to {
        opacity: 1;
    }
}

/* ==============================
   PROFILE CARD (1.5)
   ============================== */
.profile-card {
    width: 300px;
    background: #ffffff;
    border-radius: 10px;
    box-shadow: 0 4px 8px rgba(0, 0, 0, 0.2);
    text-align: center;
    padding: 20px;
    margin: auto;
}

.profile-image {
    width: 120px;
    height: 120px;
    border-radius: 50%;
    object-fit: cover;
    margin-bottom: 15px;
}

.profile-name {
    font-size: 20px;
    font-weight: bold;
    margin: 10px 0;
}

.profile-title {
    font-size: 14px;
    color: #777;
}

.profile-education {
    font-size: 14px;
    color: #999;
    margin-bottom: 15px;
}

.contact-btn {
    background: #000;
    color: #fff;
    border: none;
    padding: 10px 20px;
    border-radius: 5px;
    cursor: pointer;
}

.contact-btn:hover {
    background: #333;
}

/* ==============================
   PROGRESS BAR (1.6)
   ============================== */
.container {
    width: 50%;
    margin: auto;
    background: #fff;
    padding: 20px;
    border-radius: 8px;
    text-align: center;
}

.progress-container {
    width: 100%;
```

```css
221        background: #e0e0e0;
222        border-radius: 20px;
223        overflow: hidden;
224        height: 30px;
225        margin-bottom: 20px;
226    }
227
228    .progress-bar {
229        height: 100%;
230        width: 0%;
231        background: #4caf50;
232        border-radius: 20px;
233        transition: width 0.4s ease-in-out;
234    }
235
236    /* ==============================
237       COLLAPSIBLE (1.7)
238    ============================== */
239    .collapsible {
240        background-color: #007bff;
241        color: white;
242        cursor: pointer;
243        padding: 10px 20px;
244        border: none;
245        font-size: 16px;
246        border-radius: 5px;
247    }
248
249    .collapsible:hover {
250        background-color: #0056b3;
251    }
252
253    .content {
254        margin-top: 20px;
255        padding: 15px;
256        background: #f1f1f1;
257        border-radius: 5px;
258        display: none;
259    }
```

File C:/Users/chiaying/Desktop/CSF3133%20-%20REKA%20BENTUK%20ANTARA%20MUKA%20WEB/Lab/Lab7/lab7.html#slideshow

Home

Login

Slideshow

Profile

Progress

FAQ

Lim Chia Ying

File C:/Users/chiaying/Desktop/CSF3133%20-%20REKA%20BENTUK%20ANTARA%20MUKA%20WEB/Lab/Lab7/lab7.html#profile

Lim Chia Ying

Web Design Student

Universiti Malaysia Terengganu

Contact

Home

Login

Slideshow

Profile

Progress

FAQ

Project Progress

Increase Progress

Universiti Malaysia Terengganu

Contact

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Increase Progress

More Information

Click to Expand/Collapse

Nice to meet you

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