FACULTY OF COMPUTER SCIENCE AND MATHEMATICS

WEB-BASED INTERFACE DESIGN

CSF3133

SEMESTER 1 SESSION 2025/2026
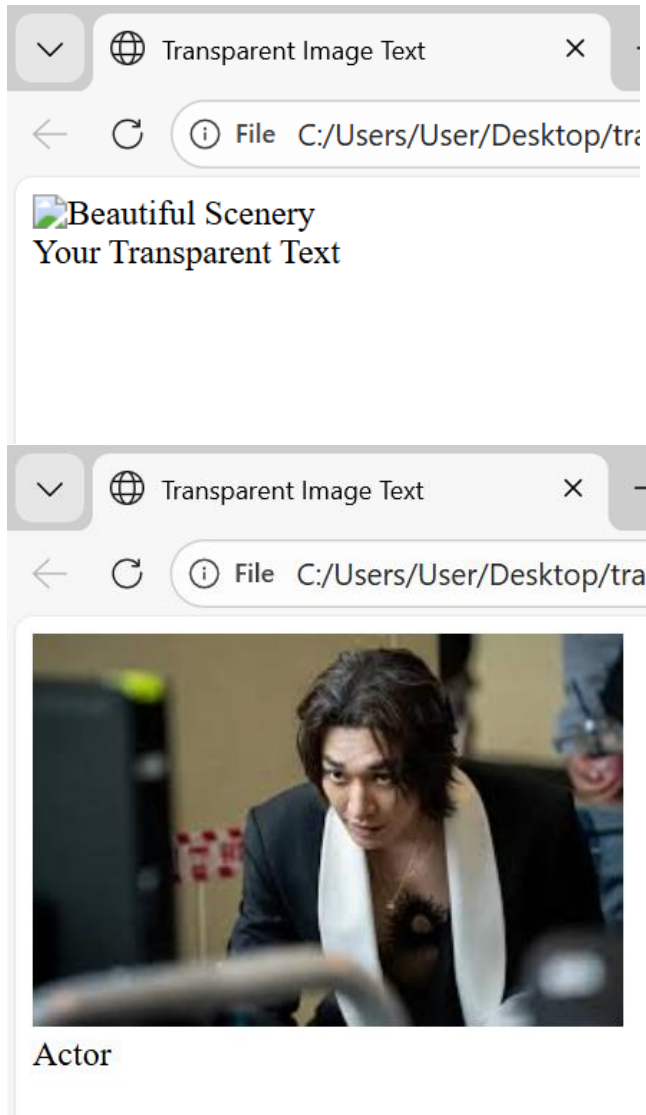
BACHELOR OF COMPUTER SCIENCE (SOFTWARE ENGINEERING) WITH HONOURS

LAB MODULE 7

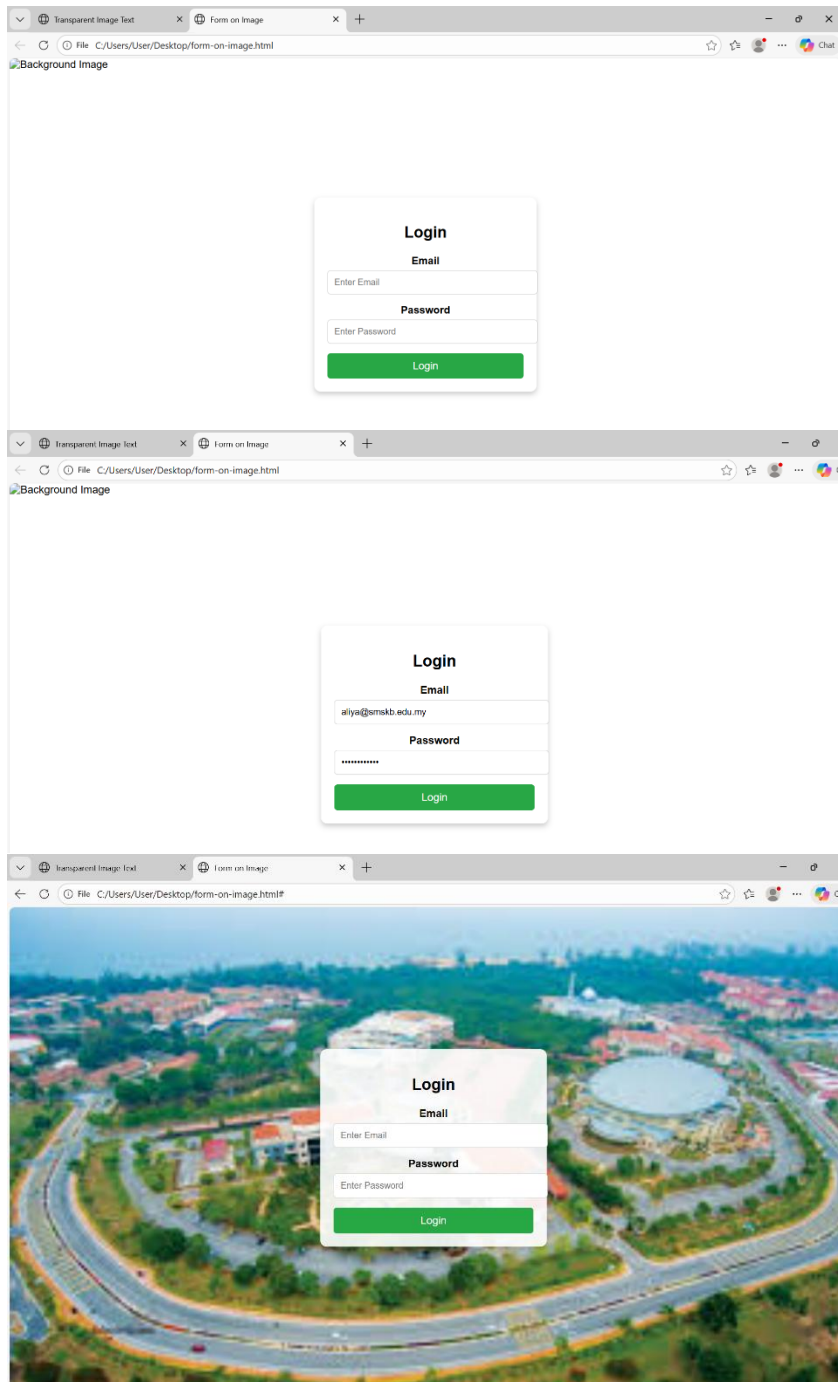| NAME	NO. MATRIC
NUR ALIYA FARHANI BINTI MOHD NASRI	S75663

7.1 Create a Transparent Image Text
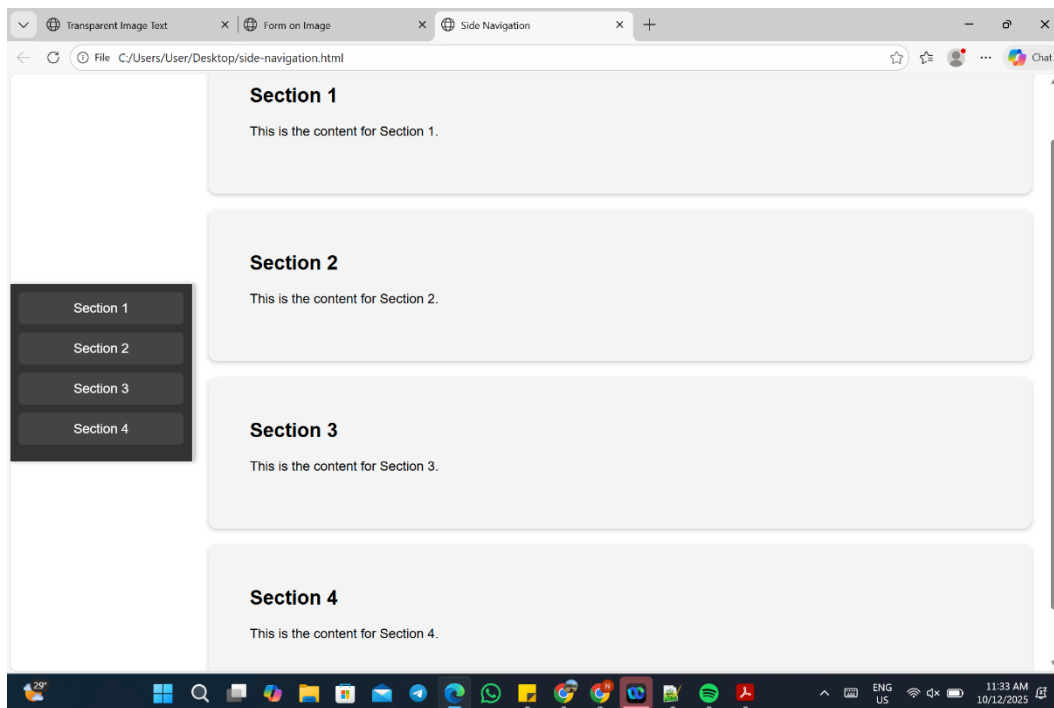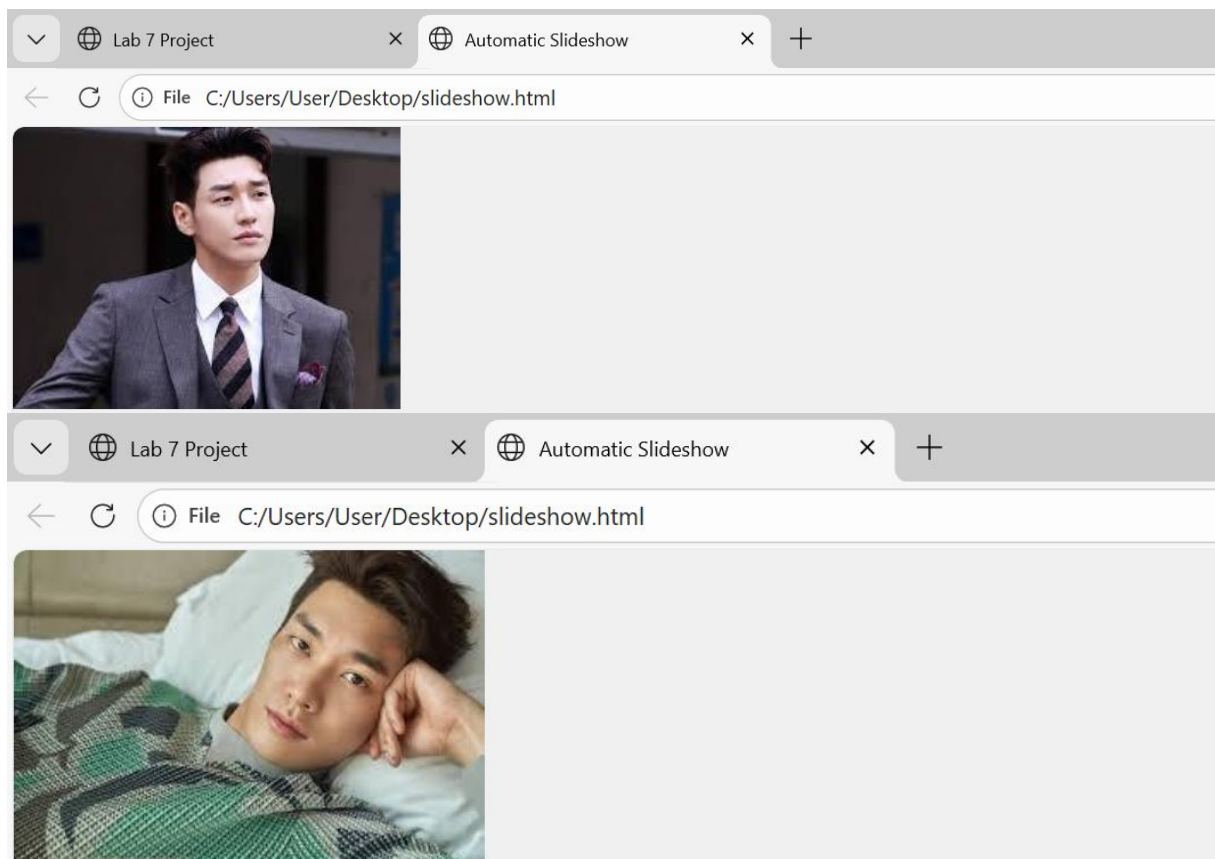
Output:

7.2 Create a Form on Image

Output:

7.3 Create a Side Navigation Buttons

Output:

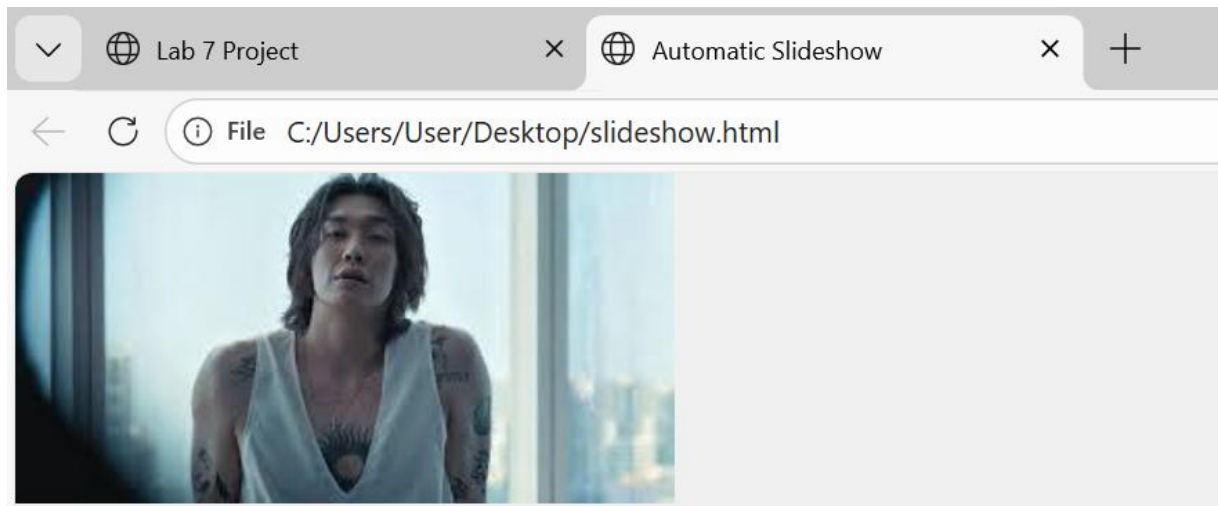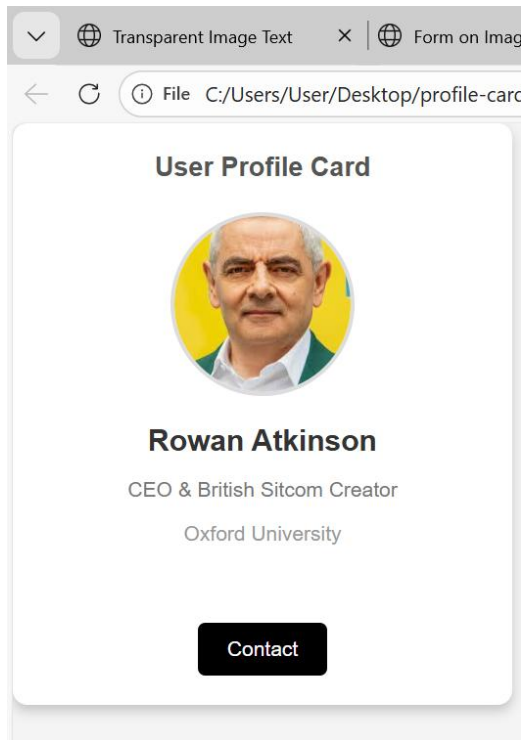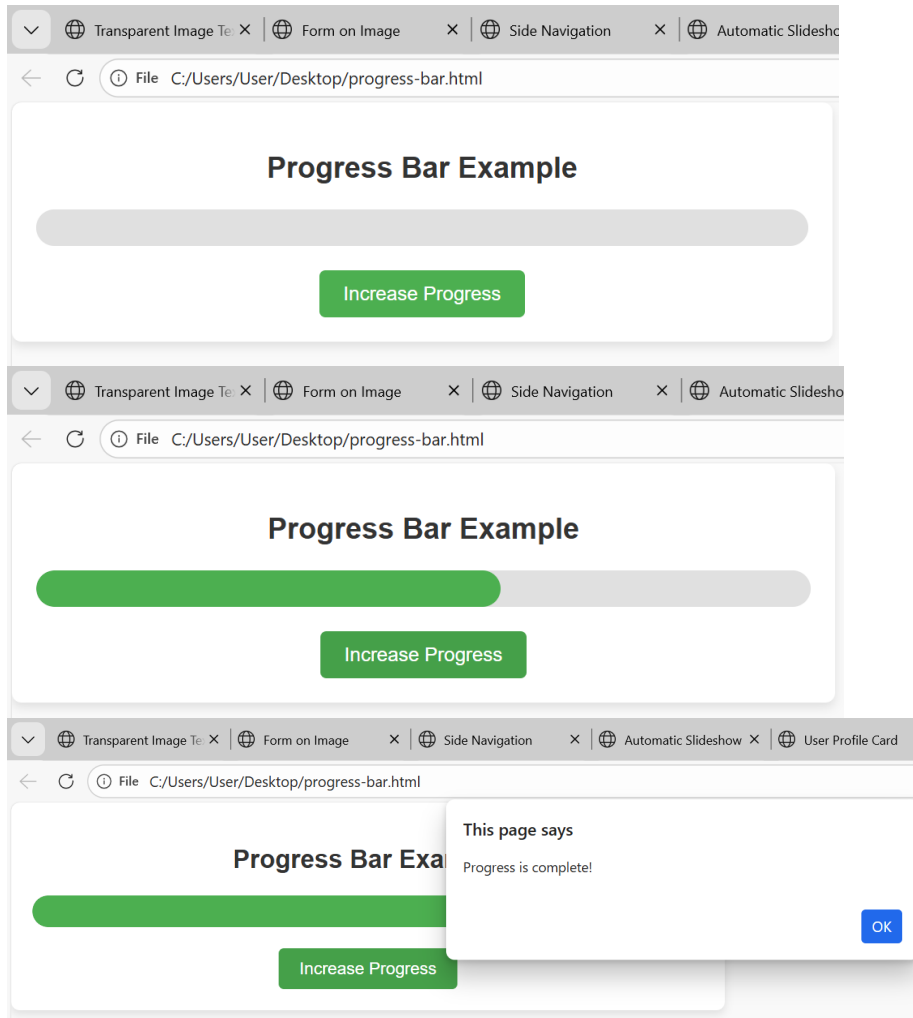## 7.4 Create Automatic Slideshow

Output:

File   C:/Users/User/Desktop/slideshow.html

7.5 Create Profile Card

Output:
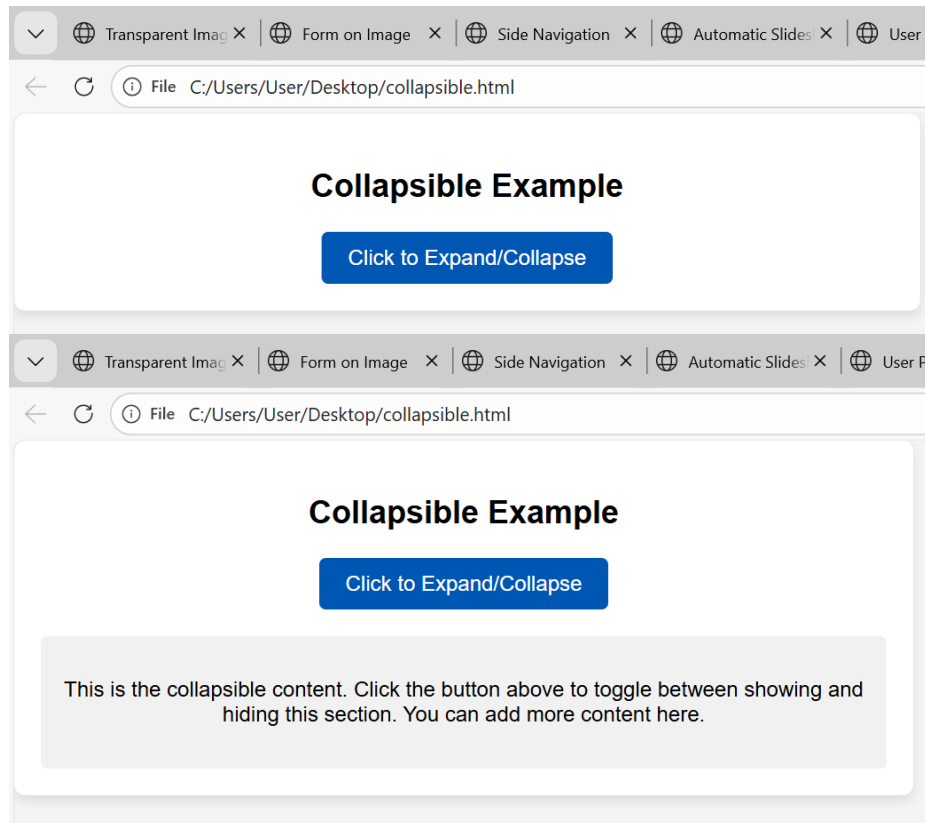
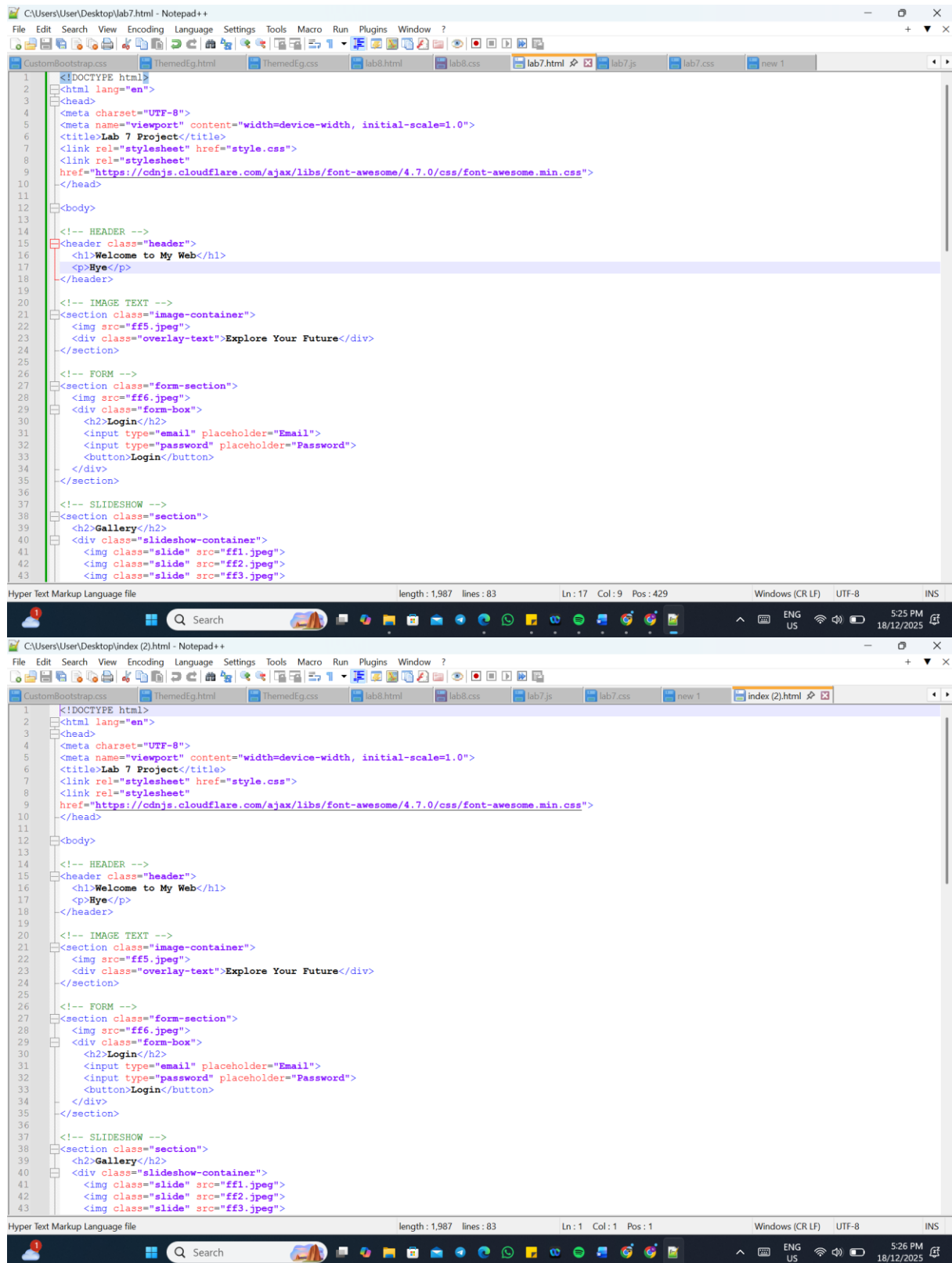## 7.6 Create Progress Bar

Output:

7.7 Create A Collapsible

Output:

7.8 Lab Exercise 7

Source Code:

index.html

```html
43          <img class="slide" src="ff3.jpeg">
44        </div>
45      </section>
46
47      <!-- PROFILE CARD -->
48      <section class="section">
49        <div class="profile-card">
50          <img src="ff4.jpeg">
51          <h3>NUR ALIYA FARHANI</h3>
52          <p>Web Design Student</p>
53
54          <button onclick="toggleContact()">Contact</button>
55
56          <div id="contact-info">
57            <p><i class="fa fa-phone"></i> 017-5475005</p>
58            <p><i class="fa fa-envelope"></i> aliyafrhni@gmail.com</p>
59          </div>
60        </div>
61      </section>
62
63      <!-- PROGRESS -->
64      <section class="section">
65        <h2>Progress</h2>
66        <div class="progress-container">
67          <div id="progress-bar"></div>
68        </div>
69        <button onclick="increaseProgress()">Increase</button>
70      </section>
71
72      <!-- COLLAPSIBLE -->
73      <section class="section">
74        <button class="collapsible">More Info</button>
75        <div class="content">
76          <p>This is collapsible content.</p>
77        </div>
78      </section>
79
80      <script src="script.js"></script>
81    </body>
82    </html>
83
```

Hyper Text Markup Language file   length : 1,987   lines : 83   Ln : 1   Col : 1   Pos : 1   Windows (CR LF)   UTF-8   INS

style.css

```css
1   body {
2       font-family: Arial;
3       margin: 0;
4       background: linear-gradient(to right, #e3f2fd, #fffde7);
5       text-align: center;
6   }
7
8   /* HEADER */
9   .header {
10      background: #2196f3;
11      color: white;
12      padding: 30px;
13  }
14
15  /* IMAGE TEXT */
16  .image-container {
17      position: relative;
18  }
19  .image-container img {
20      width: 100%;
21      height: 400px;
22      object-fit: cover;
23  }
24  .overlay-text {
25      position: absolute;
26      top: 50%;
27      left: 50%;
28      transform: translate(-50%,-50%);
29      background: rgba(33,150,243,0.8);
30      color: white;
31      padding: 20px;
32      font-size: 30px;
33      border-radius: 10px;
34  }
35
36  /* FORM */
37  .form-section {
38      position: relative;
39  }
40  .form-section img {
41      width: 100%;
42      height: 400px;
43      object-fit: cover;
```

Cascade Style Sheets File   length : 2,015   lines : 128   Ln : 1   Col : 1   Pos : 1   Windows (CR LF)   UTF-8   INS

```css
    object-fit: cover;
}
.form-box {
    position: absolute;
    top: 50%;
    left: 50%;
    transform: translate(-50%,-50%);
    background: #fff;
    padding: 25px;
    border-radius: 10px;
}

/* SECTION */
.section {
    padding: 40px;
}

/* SLIDESHOW */
.slideshow-container img {
    width: 60%;
    height: 300px;
    display: none;
    border-radius: 10px;
}

/* PROFILE */
.profile-card {
    width: 300px;
    margin: auto;
    background: white;
    padding: 20px;
    border-radius: 15px;
    box-shadow: 0 0 10px #aaa;
}
.profile-card img {
    width: 120px;
    border-radius: 50%;
}

/* BUTTON */
button {
    background: #ffca28;
    border: none;
```

```css
/* BUTTON */
button {
    background: #ffca28;
    border: none;
    padding: 10px 20px;
    border-radius: 8px;
    cursor: pointer;
    font-weight: bold;
}
button:hover {
    background: #ffc107;
}

/* CONTACT INFO */
#contact-info {
    display: none;
    margin-top: 15px;
    color: #333;
}

/* PROGRESS */
.progress-container {
    width: 60%;
    background: #ddd;
    margin: auto;
    border-radius: 20px;
}
#progress-bar {
    height: 30px;
    width: 0%;
    background: #2196f3;
    border-radius: 20px;
}

/* COLLAPSIBLE */
.collapsible {
    background: #2196f3;
    color: white;
}
.content {
    display: none;
    background: #fff9c4;
    margin-top: 10px;
}
```

```css
      margin: auto;
      border-radius: 20px;
}
#progress-bar {
      height: 30px;
      width: 0%;
      background: #2196f3;
      border-radius: 20px;
}

/* COLLAPSIBLE */
.collapsible {
      background: #2196f3;
      color: white;
}
.content {
      display: none;
      background: #fff9c4;
      margin-top: 10px;
      padding: 15px;
      border-radius: 8px;
}
```

script.js

```javascript
// SLIDESHOW
let slideIndex = 0;
showSlides();

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);
}

// PROGRESS
let progress = 0;
function increaseProgress() {
   if (progress < 100) {
      progress += 10;
      document.getElementById("progress-bar").style.width = progress + "%";
   }
}

// CONTACT TOGGLE
function toggleContact() {
   let info = document.getElementById("contact-info");
   info.style.display = info.style.display === "block" ? "none" : "block";
}

// COLLAPSIBLE
document.querySelector(".collapsible").onclick = function () {
   let content = document.querySelector(".content");
   content.style.display =
      content.style.display === "block" ? "none" : "block";
};
```

NUR ALIYA FARHANI

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Contact

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Progress

Increase

More Info

This is collapsible content.