FACULTY OF COMPUTER SCIENCE AND MATHEMATICS (FSKM)

CSF3133 WEB-BASED INTERFACE DESIGN (K4)

LAB 1

SEMESTER I 2025/2026

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1.4 Structure of an HTML Document

1.4.1 HTML Codes

```
lab1.html > <> index.html > </> html > </> body > </> h1
  1    <!DOCTYPE html>
  2    <html lang="en">
  3        <head>
  4            <meta charset="UTF-8">
  5            <meta name="viewport" content="width=device-width,initial-scale=1.0">
  6            <title>My First Web Page</title>
  7        </head>
  8        <body>
  9            <h1>Welcome to My First Web Page</h1>
 10        </body>
 11    </html>
```
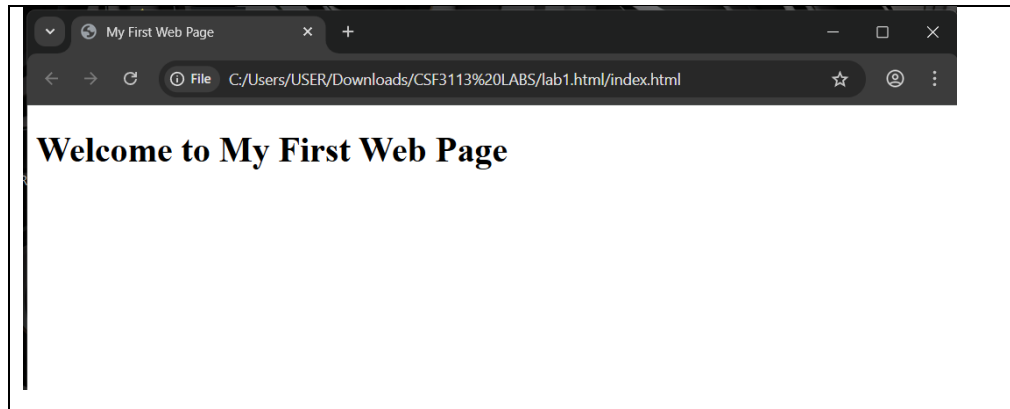
1.4.2 Output

1.5 Basic HTML Tags

1.5.1 Headings

1.5.1.1 HTML Codes

```
 11            <!-- 1.5.1 Headings -->
 12            <h2>This is an H2 Heading</h2>
 13            <h3>This is an H3 Heading</h3>
 14            <h4>This is an H4 Heading</h4>
```

1.5.1.2 Output

1.5.2 Paragraphs and Text Formatting

1.5.2.1 HTML Codes

```
16          <!-- 1.5.2 Paragraphs and Text Formatting -->
17          <p>This is a paragraph of text.</p>
18          <p>This text is <strong>bold</strong> and this is <em>italic</em>.</p>
19          <p>Here is a line break: <br>This text is on a new line.</p>
20
```

1.5.2.2 Output

This is a paragraph of text.

This text is **bold** and this is *italic*.

Here is a line break:
This text is on a new line.

1.5.3 Lists (Ordered and Undordered)

1.5.3.1 HTML Codes

```
21          <!-- 1.5.3 Lists (Ordered and Undordered) -->
22          <h2>My Favorite Fruits</h2>
23          <ol>
24              <li>Apples</li>
25              <li>Bananas</li>
26              <li>Cherries</li>
27          </ol>
28
29          <h2>Things to Do</h2>
30          <ul>
31              <li>Study HTML</li>
32              <li>Practice coding</li>
33              <li>Build a website</li>
34          </ul>
35
```

1.5.3.2 Output

My Favorite Fruits

1. Apples
2. Bananas
3. Cherries

Things to Do

- Study HTML
- Practice coding
- Build a website

1.6   Links and Images

1.6.1   Add a Hyperlink

1.6.1.1 HTML Codes

```
36          <!-- 1.6.1 Add a Hyperlink -->
37          <p>Visit <a href="https://www.example.com" target="_blank">Example.com </a>for more information.</p>
38
```
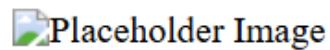
1.6.1.2 Output

Visit Example.com for more information.

1.6.2   Insert an Image

1.6.2.1 HTML Codes

```
39          <!-- 1.6.2 Insert an Image -->
40          <img src="https://via.placeholder.com/150" alt="Placeholder Image">
41
```

1.6.2.2 Output

Placeholder Image

1.6.3   Commenting in HTML

1.6.3.1 HTML Codes

```
42          <!-- 1.6.3 Commenting in HTML -->
43          <!-- This is a comment and will not be displayed in the browser -->
```

1.6.3.2 Output

No output

1.7 Lab Exercise 1

1.7.1 HTML Codes

```html
1   <!DOCTYPE html>
2   <html>
3       <head>
4           <title>About Me</title>
5       </head>
6       <body>
7           <!-- Heading introducing my name -->
8           <h1>Che Ku NurulHuda Binti Che Ku Saiful Muzahar</h1>
9
10          <!-- Profile Image -->
11          <img src="MyProfile.jpg" alt="My Profile" width="100">
12
13          <!-- My Biodata -->
14          <p>
15              Matric Num: S75871<br>
16              Age: 20<br>
17              Course: Bachelor of Computer Science (Software Engineering) with Honours
18          </p>
19
20          <!-- Short paragraph about my hobbies -->
21          <p>I enjoy<strong><em> listening to music, watching movies, and watching dramas.</em></strong></p>
22
23
24          <!-- Ordered list of favorite movies/books -->
25          <h2>My Top 3 Movies</h2>
26
27          <ol>
28              <li>The Conjuring</li>
29              <li>The Nun</li>
30              <li>Waktu Maghrib 2</li>
31          </ol>
32
33          <!-- Unordered list of top hobbies -->
34          <h2>My Top 3 Hobbies</h2>
35          <ul>
36              <li>Listening to music</li>
37              <li>Watching dramas</li>
38              <li>Watching movies</li>
39          </ul>
40
41          <!-- Link to a relevant website related to my hobbies-->
42          <p>
43              I loves to use <a href="https://www.netflix.com/" target="_blank">Netflix.com</a> as a platform to watch movies and dramas.<br>
44              This platform is where I usually listen to music: <a href="https://open.spotify.com/" target="_blank">Spotify.com</a></p>
45
46
47      </body>
48  </html>
```

1.7.2   Output

Che Ku NurulHuda Binti Che Ku Saiful Muzahar

Matric Num: S75871
Age: 20
Course: Bachelor of Computer Science (Software Engineering) with Honours

I enjoy *listening to music, watching movies, and watching dramas.*

My Top 3 Movies

1. The Conjuring
2. The Nun
3. Waktu Maghrib 2

My Top 3 Hobbies

- Listening to music
- Watching dramas
- Watching movies

I loves to use Netflix.com as a platform to watch movies and dramas.
This platform is where I usually listen to music: Spotify.com