



LAB MODULE 1

CSF3133 – Web-based Interface Design

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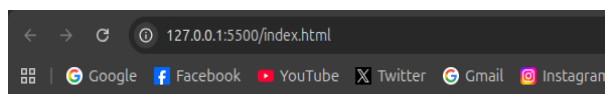
No Matric: S76773

Lecturer Name: Prof. Madya Ts. Dr. Wan Nural Jawahir bin Wan Yussof

1.4 Structure of an HTML Document

```
<> index.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width,
6      <title>My First Web Page</title>
7  </head>
8  <body>
9      <h1>Welcome to My First Web Page</h1>
10 </body>
11 </html>
12
13
14 |
```

OUTPUT:



Welcome to My First Web Page

1.5 Basic HTML Tags

```
<> index.html > ...
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta name="viewport" content="width=device-width,
6      <title>My First Web Page</title>
7  </head>
8  <body>
9      <h1>Welcome to My First Web Page</h1>
10      <h2>This is an H2 Headings</h2>
11      <h3>This is an H3 Headings</h3>
12      <h4>This is an H4 Headings</h4>
13 </body>
14 </html>
15
16
```

OUTPUT:

Welcome to My First Web Page

This is an H2 Headings

This is an H3 Headings

This is an H4 Headings

1.5.2 Paragraphs and Text Formatting

```
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     <h2>This is an H2 Headings</h2>
11     <h3>This is an H3 Headings</h3>
12     <h4>This is an H4 Headings</h4>
13
14     <p>This is a paragraph of text.</p>
15     <p>This text is <strong>bold</strong> and this is <em>italic</em>.
16     </p>
17     <p>Here is a line break:<br>This text is on a new line.</p>
18 </body>
19 </html>
```

OUTPUT:

Welcome to My First Web Page

This is an H2 Headings

This is an H3 Headings

This is an H4 Headings

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 Unordered)

```
18
19     <h2>My favorite Fruits</h2>
20     <ol>
21         <li>Apples</li>
22         <li>Bananas</li>
23         <li>Cherries</li>
24     </ol>
25
26     <h2>Things to Do</h2>
27     <ul>
28         <li>Study HTML</li>
29         <li>Practice coding</li>
30         <li>Build a website</li>
31     </ul>
32
33 </body>
34 </html>
35
```

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

```
<p>Visit <a href="https://www.example.com" target="_blank">
    Example.com</a> for more information.</p>
</body>
</html>
```

OUTPUT:

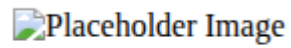
Visit [Example.com](https://www.example.com) for more information.

1.6.2 Insert an Image

```
<!--Question 1.6.2-->  

```

OUTPUT:



1.6.3 Commenting in HTML

```
<!--This is a comment and will not be displayed in the browser-->
```

Final:

```
Lab01 > index.html > html > body > ol
1  <!--Question 1.4-->
2  <!DOCTYPE html>
3  <html
4  lang="en">
5  <head>
6  |   <meta charset="UTF-8">
7  |   <meta name="viewport" content="width=device-width, initial-scale=1.0">
8  |   <title>My First Web Page</title>
9  </head>
10 <body>
11 |   <h1>Welcome to My First Web Page</h1>
12 |   <!--Question 1.5-->
13 |   <h2>This is an H2 Headings</h2>
14 |   <h3>This is an H3 Headings</h3>
15 |   <h4>This is an H4 Headings</h4>
16 |
17 |   <!--Question 1.5.2-->
18 |   <p>This is a paragraph of text.</p>
19 |   <p>This text is <strong>bold</strong> and this is <em>italic</em>.
20 |   </p>
21 |   <p>Here is a line break:<br>This text is on a new line.</p>
22 |
23 |   <!--Question 1.5.3-->
24 |   <h2>My favorite Fruits</h2>
25 |   <ol>
26 |   |   <li>Apples</li>
27 |   |   <li>Bananas</li>
28 |   |   <li>Cherries</li>
29 |   </ol>
30 |
31 |   <h2>Things to Do</h2>
32 |   <ul>
33 |   |   <li>Study HTML</li>
34 |   |   <li>Practice coding</li>
35 |   |   <li>Build a website</li>
36 |   </ul>
37 |
38 |   <!--Question 1.6.1-->
39 |   <p>Visit <a href="https://www.example.com" target="_blank">
40 |   |   Example.com </a>for more information.</p>
41 |
42 |   <!--Question 1.6.2-->
43 |   
44 |
45 |   <!--Question 1.6.3-->
46 |   <!--This is a comment and will not be displayed in the browser-->
47 |
48 </body>
49 </html>
```

OUTPUT:

Welcome to My First Web Page

This is an H2 Headings

This is an H3 Headings

This is an H4 Headings

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.


My favorite Fruites

1. Apples
2. Bananas
3. Cherries

Things to Do

- Study HTML
- Practice coding
- Build a website

Visit [Example.com](https://example.com) for more information.

 Placeholder Image

LAB EXERCISE 1

```
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>Webpage about Myself</title>
7 </head>
8 <body>
9   <!--About Me-->
10  <h1>EASHENRAJ A/L NAGARAJAN</h1>
11  <h2>Software Engineering Student</h2>
12
13  <!--What i like to do-->
14  <p>I enjoy <strong>gaming</strong> and watching <strong>UFC Events</strong>.</p>
15  <p>Besides that I love <em>working out</em> and <em>just spending time with my family</em>.</p>
16
17  <!--List of favorite movies and my hobbies-->
18  <h2>My Favorite Movies</h2>
19  <ol>
20    <li>Fight Club</li>
21    <li>Seven Samurai</li>
22    <li>GoodFellas</li>
23  </ol>
24
25  <h2>My Hobbies</h2>
26  <ul>
27    <li>Watching YouTube</li>
28    <li>Gaming with friends</li>
29    <li>Working out</li>
30  </ul>
31
32  <!--Link to youtube.com-->
33  <p>The link to <a href="https://www.youtube.com/" target="_blank">
34    YouTube.com</a>, I really love to watch a variety of content.</p>
35
36  <!--My image-->
37  
38
39 </body>
40 </html>
41
```


Output:

EASHENRAJ A/L NAGARAJAN

Software Engineering Student

I enjoy **gaming** and watching **UFC Events**.

Besides that I love *working out* and *just spending time with my family*.

My Favorite Movies

1. Fight Club
2. Seven Samurai
3. GoodFellas

My Hobbies

- Watching YouTube
- Gaming with friends
- Working out

The link to [YouTube.com](https://www.youtube.com), I really love to watch a variety of content.

