



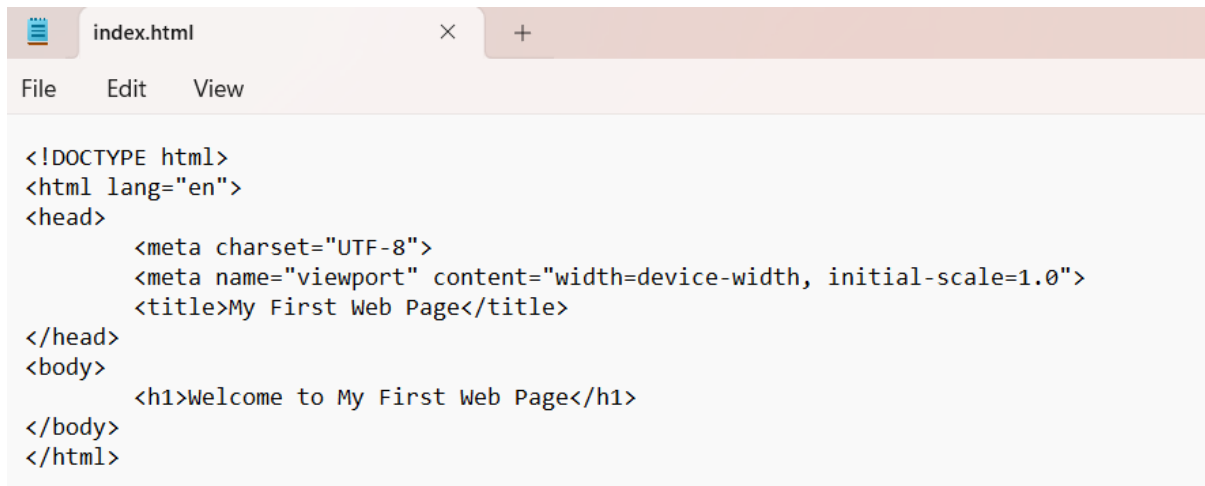
Web-Based Interface Design

(CSF3133)

Lab Report 1

| | |
|------------------|---|
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| GROUP | K4 |
| PROGRAMME | COMPUTER SCIENCE (SOFTWARE ENGINEERING) |

1.4 Structure of an HTML Document



A screenshot of a code editor window titled 'index.html'. The editor has a menu bar with 'File', 'Edit', and 'View'. The code content is as follows:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My First Web Page</title>
</head>
<body>
  <h1>Welcome to My First Web Page</h1>
</body>
</html>
```



Welcome to My First Web Page

1.5.1 Headings

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My First Web Page</title>
</head>
<body>
  <h1>Welcome to My First Web Page</h1>
</body>
</html>
<h2>This is an H2 Heading</h2>
<h3>This is an H3 Heading</h3>
<h4>This is an H4 Heading</h4>
```



Welcome to My First Web Page

This is an H2 Heading

This is an H3 Heading

This is an H4 Heading

1.5.2 Paragraphs and Text Formatting

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>My First Web Page</title>
</head>
<body>
  <h1>Welcome to My First Web Page</h1>
</body>
</html>
<h2>This is an H2 Heading</h2>
<h3>This is an H3 Heading</h3>
<h4>This is an H4 Heading</h4>
<p>This is a paragraph of text.</p>
<p>This text is <strong>bold</strong> and this is <em>italic</em>.
</p>
<p>Here is a line break:<br>This text is on new line.</p>
```



Welcome to My First Web Page

This is an H2 Heading

This is an H3 Heading

This is an H4 Heading

This is a paragraph of text.

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

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

1.5.3 Lists (Ordered and Unordered)

```
<h2>My Favorite Fruits</h2>
<ol>
  <li>Apples</li>
  <li>Bananas</li>
  <li>Cherries</li>
</ol>

<h2>Things toDo</h2>
<ul>
  <li>Study HTML</li>
  <li>Practice coding</li>
  <li>Build a website</li>
</ul>
```

My Favorite Fruits

1. Apples
2. Bananas
3. Cherries

Things toDo

- Study HTML
- Practice coding
- Build a website

1.6.1 Add a Hyperlink

```
<p>Visit <a href="https://www.wikipedia.org/" target="_blank">
Wikipedia.org</a> for more information.</p>
```

Visit Wikipedia.org for more information.

1.6.2 Insert an Image

```

```



Things toDo

- Study HTML
- Practice coding
- Build a website

Visit Wikipedia.org for more information.



1.6.3 Commenting in HTML

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

1.7 Lab exercise 1

```
<!DOCTYPE html>
<html lang="en">
<head>
  <!-- Title that appears in the browser tab -->
  <title>Fatiha's Personal Webpage</title>
</head>
<body>

  <!-- Main heading introducing your name -->
  <h1>Hi! I'm Fatiha</h1>

  <!-- Short paragraph about hobbies with some text in bold and italic -->
  <p>
    I enjoy spending my free time doing activities that help me relax and learn new things.
    My favorite hobbies include <b>reading novels</b>,
    <i>watching movies</i>, and <b><i>painting landscapes</i></b>.
    These hobbies allow me to express creativity and expand my knowledge.
  </p>

  <!-- Ordered list of favorite movies or books -->
  <h2>My Favorite Movies</h2>
  <ol>
    <li>Better days</li>
    <li>Twelve Letters</li>
    <li>The Whisperer</li>
  </ol>

  <!-- Unordered list of top hobbies -->
  <h2>My Top 3 Hobbies</h2>
  <ul>
    <li>Reading</li>
    <li>Painting</li>
    <li>Cooking</li>
  </ul>

  <!-- Link to a relevant website (hobby-related page) -->
  <p>
    Learn more about movies here:
    <a href="https://www.imdb.com/" target="_blank">IMDb</a>
  </p>

  <!-- Image related to hobbies -->
  <h2>Something Related to My Hobby</h2>
  

  <!-- Comments explaining the code structure -->
  <!-- The page includes:
    - A title in the browser tab
    - Heading with name
    - Paragraph describing hobbies
    - Ordered and unordered lists
    - A hyperlink to a relevant website
    - An image related to hobbies -->
</body>
</html>
```

Hi! I'm Fatiha

I enjoy spending my free time doing activities that help me relax and learn new things. My favorite hobbies include **reading novels**, *watching movies*, and **painting landscapes**. These hobbies allow me to express creativity and expand my knowledge.

My Favorite Movies

1. Better days
2. Twelve Letters
3. The Whisperer

My Top 3 Hobbies

- Reading
- Painting
- Cooking

Learn more about movies here: [IMDb](#)

Something Related to My Hobby

