

Assignment 1

Problem Statement :

1. Program on HTML basic tags for text formatting.

Steps:

1. Basic Structure

- The basic HTML structure includes the <html>, <head>, and <body> tags.
- The <head> section contains metadata such as character encoding (<meta charset="UTF-8">) and viewport settings for responsive design (<meta name="viewport" content="width=device-width, initial-scale=1.0">).
- The <title> tag defines the title of the document that will be displayed on the browser tab.

2. Text Formatting with HTML

Header (<h1>, <h2>)

- <h1> is used for the main heading: **Text Formatting in HTML.**
- <h2> tags are used for subheadings like **Superscript and Subscript, Preformatted Text,** and **Blockquote.**

Bold Text ()

- is used to make the word **bold** in the sentence: "This is a **bold** word."

Italic Text ()

- is used to italicize the word **italic** in the sentence: "This is an *italic* word."

Underlined Text (<u>)

- <u> is used for underlining the word **underlined**: "This is an underlined word."

Strikethrough Text (<strike>)

- <strike> is used for strikethrough text: "This is a **strikethrough** word."

3. Superscript and Subscript

Superscript (<sup>)

- <sup> is used to place the text in superscript: "Superscript: 10² = 100."

Subscript (<sub>)

- <sub> is used to place the text in subscript: "Subscript: H₂O."

4. Preformatted Text (<pre>)

- <pre> is used for preformatted text that preserves spaces and line breaks.

5. Blockquote (<blockquote>)

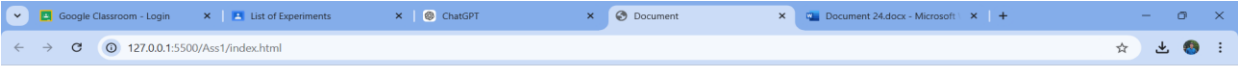
- <blockquote> is used to indicate a section of text quoted from another source.
- Example:

This is a blockquote used for longer quotations or citations.

Steps to Create this HTML Page:

1. **Open a text editor** (e.g., Notepad, Sublime Text, VS Code).
2. **Write the HTML structure** as shown in your example.
3. Save the file with a **.html extension** (e.g., text_formatting.html).
4. **Open the saved HTML file** in any web browser to view the result.

Output:



Text Formatting in HTML

This is a **bold** word.

This is an *italic* word.

This is an underlined word.

This is a ~~struckthrough~~ word.

Superscript and Subscript

Superscript: 10² = 100

Subscript: H₂O is the chemical formula for water.

Preformatted Text

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This is preformatted text.  
It preserves both spaces and  
line breaks.
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Blockquote

This is a blockquote used for longer quotations or citations.

