**Experiment 1 Documentation**

**Experiment Title: HTML Text Formatting Example**

**1. Problem Statement**

**Demonstrate the use of various HTML tags to format text within a webpage.**

**2. Steps and Explanation**

1. **Document Structure: Begin with the <!DOCTYPE html> declaration to define the document type, followed by the opening <html> tag, which encompasses the entire HTML document.**
2. **Head Section:**
   * **Use the <head> tag to contain metadata about the document.**
   * **Include a <title> tag to specify the title of the webpage, which appears in the browser tab.**
3. **Body Section:**
   * **Open the <body> tag to define the content displayed on the webpage.**
   * **Use various HTML tags to format text:**
     + **<h1>: Defines the main heading of the page.**
     + **<p>: Defines a paragraph of text.**
     + **<b>: Renders text in bold.**
     + **<i>: Renders text in italics.**
     + **<u>: Underlines the text.**
     + **<mark>: Highlights text with a background color.**
     + **<small>: Renders text in a smaller font size.**
     + **<del>: Indicates deleted text, usually shown with a strikethrough.**
     + **<ins>: Indicates inserted text, usually shown with an underline.**
4. **Line Breaks: Use <br> tags to insert line breaks between different text formatting examples for clarity.**

**3. Expected Output**

**When the HTML document is rendered in a web browser, the following will be displayed:**

* **A large heading: This is a Heading**
* **A paragraph: *This is a paragraph.***
* **Various formatted text examples:**
  + **Bold text: *This is bold text.***
  + ***Italic text*: *This is italic text.***
  + ***Underlined text*: *This is underlined text.***
  + **Highlighted text: *This is highlighted text.***
  + ***Small text*: *This is small text.***
  + **: *This is deleted text.***
  + ***Inserted text*: *This is inserted text.***

