

Experiment - 1

Basic HTML Tags

AIM:

Exercise on basic HTML tags

OBJECTIVE:

To Create the HTML page with a title, heading, formatting, and list tags in the body.

THEORY:

HTML is a Hypertext Markup Language used to create Web pages. It is used to define the structure and content of the web pages by using HTML tags. Each tag has a specific meaning.

Basic Structure of an HTML Page:

```
<!DOCTYPE html>

<html>

<head>

<title>Page Title</title>

</head>

<body>

<h1>Welcome</h1>

</body>

</html>
```

Steps to Create an HTML Page:

- Step 1: Open any basic or unformatted text editor like Notepad in Windows or Visual Studio Code.
- Step 2: Write some HTML code and save it with the '.html' extension.
- Step 3: Save the file on your computer.
- Step 4: Open the saved HTML file in a web browser like Chrome, Edge, or Firefox.

HTML Tags and Their Descriptions:

<!DOCTYPE html> - Declaration for an HTML5 document

<html> - Root element of an HTML page

<head> - Contains metadata, title, and linked files

<title> - Specifies the title of the webpage

<body> - Contains the main content of the webpage

REQUIREMENTS:

Notepad or Visual Studio Code - To write HTML code

Web Browser (Chrome, Edge, etc.) - To view the HTML page output

Personal Computer - To execute the required software

PRECAUTIONS:

- Ensure that each tag is properly closed.
- Do not run the program before saving it.
- Make sure the file is saved with a '.html' extension.
- Avoid carrying water bottles or inflammable items near the computer.

PROCEDURE:

- Open the text editor for writing HTML.
- Add the necessary tags with relevant content.
- Save the HTML code.
- Open the file in a web browser.
- Test the results.