

■ HTML – Day 1: Introduction to HTML

1. What is HTML?

HTML stands for HyperText Markup Language. It is the standard language for creating webpages. HyperText means text with links to other documents or web pages. Markup Language means a way of writing text with tags that describe the structure of the document. HTML is not a programming language; it tells the browser what content to display and how it is structured.

2. Structure of an HTML Document

Every HTML page has a basic skeleton. Without this, the browser cannot understand the document properly.

```
<!DOCTYPE html>
<html>
  <head>
    <title>My First Page</title>
  </head>
  <body>
    <h1>Hello World!</h1>
    <p>This is my first web page.</p>
  </body>
</html>
```

Explanation of Elements:

- •→ Tells the browser we are using HTML5.
- •→ Root element (everything goes inside this).
- •→ Contains information about the page (metadata).
- •→ The text that appears in the browser tab.
- •→ Content that is displayed on the webpage.

3. Headings

```
<h1>Main Title</h1>
<h2>Section Title</h2>
<h3>Subsection</h3>
```

4. Paragraphs

```
<p>This is my first paragraph.</p>
<p>This is another paragraph.</p>
```

5. Line Breaks & Horizontal Rule

```
<p>This is line one.<br>This is line two.</p>

<p>Above the line</p>
<hr>
<p>Below the line</p>
```

6. Comments

```
<!-- This is a comment -->
<p>This is visible text.</p>
```

7. Complete Example

```
<!DOCTYPE html>
<html>
  <head>
    <title>Day 1 Example</title>
```

```

</head>
<body>
  <!-- Main Heading -->
  <h1>Welcome to My First Webpage</h1>

  <!-- Paragraphs -->
  <p>Hello! This is my first HTML page.</p>
  <p>I am learning how to use headings and paragraphs.</p>

  <!-- Line Break -->
  <p>Line 1<br>Line 2</p>

  <!-- Horizontal Rule -->
  <hr>
  <p>This text comes after the line.</p>
</body>
</html>

```

8. Practice Exercises

- Exercise 1: Create a file named intro.html with: a main heading, a subheading, two paragraphs, one line break, one horizontal line, and a comment.
- Exercise 2: Newspaper Style Page – Create a page with a large headline, a smaller headline, two paragraphs, and a horizontal line.
- Exercise 3: Fun with Emojis – Add emojis inside your text using I ❤️🍷 HTML.

9. Self-Check Questions

- 1. What does HTML stand for?
- 2. Which tag is used for the largest heading?
- 3. What is the difference between <p> and
?
- 4. How do you write a comment in HTML?
- 5. Which part of the HTML document shows content on the webpage: <head> or <body>?