

# Training Day 2

## Day 2 – 24th June 2025

### Introduction to HTML (HyperText Markup Language)

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#### Detailed Description:

On the second day of my web designing journey, I was introduced to **HTML (HyperText Markup Language)** — the fundamental building block of all websites. The instructor explained that HTML provides the **structure and content** of a webpage, similar to how a skeleton provides structure to a body.

We began by learning about the **basic syntax and structure of an HTML document**, which includes several key tags:

```
<!DOCTYPE html>

<html>

  <head>

    <title>My First Web Page</title>

  </head>

  <body>

    <h1>Welcome to Web Designing</h1>

    <p>This is my first HTML page.</p>

  </body>

</html>
```

Each HTML document starts with `<!DOCTYPE html>` to define the document type. The `<html>` tag encloses all the content, `<head>` contains metadata like the title, and `<body>` includes the visible content displayed on the webpage.

The instructor explained that HTML is composed of **tags** enclosed in angle brackets `< >`. Each tag has

an opening and a closing pair (e.g., `<p>` and `</p>`). These tags define different elements on the page, such as headings, paragraphs, images, and links.

I practiced using **basic HTML tags**:

- `<h1>` to `<h6>` for headings (from largest to smallest).
- `<p>` for paragraphs.
- `<br>` for line breaks.
- `<hr>` for horizontal lines.
- `<b>`, `<i>`, and `<u>` for text formatting (bold, italic, underline).
- `<a>` for hyperlinks.
- `<img>` for adding images.

Example practiced during the session:

```
<h1>About Me</h1>
```

```
<p>Hello! I am learning web designing.</p>
```

```
<a href="https://www.example.com">Visit Example</a>
```

```

```

Through this, I understood how **attributes** work — for example, href in the `<a>` tag specifies the link destination, and src in the `<img>` tag defines the image location. Attributes help control the behavior and appearance of elements.

We also discussed **nesting of tags**, where one element is placed inside another to build structured layouts.

Later, the instructor demonstrated how to **open HTML files in a web browser** to view the results. I created my first simple webpage using Notepad and Visual Studio Code and viewed it in Google Chrome.

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### Learning Outcomes:

- Understood the purpose and importance of HTML in web designing.

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- Learned the structure of an HTML document and its main tags (html, head, body).
- Practiced using basic formatting tags and hyperlinks.
- Learned to use attributes to control element behavior and properties.
- Successfully created and viewed my first webpage in a browser.