

Step 2: HTML Basics – Structure of a Web Page

Objective:

Students will learn the structure of a basic HTML document and how to use essential HTML tags.

Key Concepts:

HTML Tags: <html>, <head>, <body>, <p>, <h1>, <div>, etc.

Attributes: Understanding attributes like src for images, href for links.

Teacher's Role:

1. Explain the purpose of HTML in web development.
2. Demonstrate key HTML tags and their functions using a simple example.

Activity 1: Building a Basic HTML Page

Goal: Students will create a basic web page with text, headings, links, and images.

Steps:

1. Explain HTML Structure:
 - <html>, <head>, <body>, and the use of headings (<h1>, <h2>, etc.) and paragraphs (<p>).
2. Introduce Links and Images:
 - Explain how to add a hyperlink using the <a> tag and an image using the tag.

Student Activity:

Create a new file basic_page.html and write the following code:

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
```

```
<title>Basic Web Page</title>
</head>
<body>
  <h1>Welcome to My Page</h1>
  <p>This is a basic web page created using HTML.</p>
  <a href="https://www.example.com">Click here to visit Example.com</a>
  <br><br>
  
</body>
</html>
```

- Run it using Live Server:

- Right-click on basic_page.html and open it with Live Server to see the output in the browser.

Learning Outcome:

Students will understand how to create a structured web page and use links and images in HTML.