

Website Designing (WD)
Hyper Text Markup Language (HTML)
Module -15 HTML in Full Stack

1. Html Basics

Theory Assignment

Question 1: Define HTML. What is the purpose of HTML in web development?

-> HTML (HyperText Markup Language) is the main language used to create webpages. It provides a structure for web content, organizing elements like text, images, and links, which are then displayed in a browser.

Question 2: Explain the basic structure of an HTML document. Identify the mandatory tags and their purposes.

->The basic structure of an HTML document includes:

- `<!DOCTYPE html>`: Tells the browser that this is an HTML5 document.
- `<html>`: The root element that wraps all content.
- `<head>`: Contains information about the page (like title and links to CSS).
- `<title>`: Sets the page title, which appears on the browser tab.
- `<body>`: Holds the main content, like text, images, and links, visible to users.

Question 3: What is the difference between block-level elements and inline elements in HTML? Provide examples of each.

->Block-level elements: These elements start on a new line and stretch across the full width of their container. Examples: `<div>`, `<h1>`, `<p>`.

Inline elements: These elements stay on the same line and only take up as much space as they need. Examples: ``, `<a>`, ``.

Question 4: Discuss the role of semantic HTML. Why is it important for accessibility and SEO? Provide examples of semantic elements.

->Semantic HTML uses tags that describe the meaning of content, making it easier for search engines and screen readers to understand the page structure. This improves accessibility for users with disabilities and enhances SEO for better search visibility. Examples of semantic elements: <header>, <nav>, <article>, <footer>.