

HTML TAGS

1. Basic Structure Tags

- `<html>`: Defines the root of an HTML document.
- `<head>`: Contains metadata, scripts, and links to stylesheets.
- `<title>`: Sets the title displayed in the browser tab.
- `<body>`: Contains the visible content of the webpage.

2. Text Formatting Tags

- `<h1>` to `<h6>`: Headings, from the largest (`<h1>`) to the smallest (`<h6>`).
- `<p>`: Paragraph, used for blocks of text.
- ``, ``: Bold text; `` adds semantic emphasis.
- `<i>`, ``: Italic text; `` adds semantic emphasis.
- `<u>`: Underline text.
- `<small>`: Smaller text.
- `<sup>`: Superscript.
- `<sub>`: Subscript.
- `
`: Line break.
- `<hr>`: Horizontal line (breaks content visually).

3. Link and Anchor Tags

- `<a>`: Creates a hyperlink.
 - Attribute `href` sets the link destination.
 - Attribute `target="_blank"` opens link in a new tab.

4. Image and Media Tags

- ``: Embeds an image.
 - Attribute `src` specifies the image URL.
 - Attribute `alt` provides alternative text for accessibility.
- `<video>`: Embeds a video.
- `<audio>`: Embeds audio content.

5. List Tags

- ``: Unordered (bulleted) list.
- ``: Ordered (numbered) list.

- ``: List item, used within `` or ``.
- `<dl>`: Description list.
- `<dt>`: Term in a description list.
- `<dd>`: Description of the term.

6. Table Tags

- `<table>`: Creates a table.
- `<tr>`: Table row.
- `<th>`: Table header cell.
- `<td>`: Table data cell.
- `<caption>`: Table caption.

7. Form Tags

- `<form>`: Defines a form for user input.
- `<input>`: Input field; can be of various types (`text`, `password`, `submit`, etc.).
- `<textarea>`: Multi-line text input.
- `<select>`: Drop-down list.
- `<option>`: Options within a `<select>`.
- `<label>`: Labels for form elements.
- `<button>`: Button element.

8. Semantic Structure Tags

- `<header>`: Defines the header section.
- `<footer>`: Defines the footer section.
- `<main>`: Main content of the document.
- `<section>`: Defines a section.
- `<article>`: Independent, self-contained content.
- `<aside>`: Content indirectly related to the main content.
- `<nav>`: Navigation links.

9. Container Tags

- `<div>`: Block-level container for grouping elements.
- ``: Inline container for styling parts of text.

10. Metadata and Script Tags

- `<meta>`: Metadata for the document, such as character set and description.
- `<link>`: Links external resources (e.g., stylesheets).
- `<style>`: Defines internal CSS styles.
- `<script>`: Embeds or references JavaScript code.

