Tags Of HTML with short description

Here is a list of all commonly used HTML tags, grouped by their functionality:

Document Structure Tags:

`<!DOCTYPE>`: Defines the document type.

`<html>`: Root of an HTML document.

`<head>`: Contains metadata, links to CSS, scripts, etc.

`<title>`: Specifies the page title.

`<meta>`: Metadata about the document (e.g., charset, viewport).

`<link>`: Links external resources like CSS files.

`<style>`: Embeds CSS inside the HTML file.

`<body>`: Contains the visible page content.

Content Sectioning Tags:

`<header>`: Defines the header of a document or section.

`<nav>`: Defines a navigation block (usually for links).

`<section>`: Groups related content into a section.

`<article>`: Represents independent, self-contained content.

`<aside>`: Represents content indirectly related to the main content (like a sidebar).

`<footer>`: Defines the footer of a document or section.

`<main>`: Defines the main content area.

`<div>`: Generic container for grouping content.

Text Formatting Tags:

`<h1>` to **`<h6>`:** Heading tags (from most important **`<h1>`** to least important **`<h6>`).**

`<p>`: Defines a paragraph.

`<a>`: Defines a hyperlink.

`<span>`: Inline container for text or elements.

`<br>`: Inserts a line break.

`<hr>`: Inserts a horizontal rule (divider).

`<strong>`: Bold text (indicates importance).

`<b>`: Bold text (without implying importance).

`<em>`: Emphasized (italic) text (indicates importance).

`<i>`: Italic text (without implying importance).

`<mark>`: Highlighted text.

`<small>`: Smaller text.

`<del>`: Strikethrough text.

`<ins>`: Inserted text.

`<sub>`: Subscript text.

`<sup>`: Superscript text.

`<blockquote>`: Quoted block of text.

`<q>`: Inline short quotations.

`<code>`: Inline code snippet.

`<pre>`: Preformatted text (preserves spaces and line breaks).

List Tags:

`<ul>`: Unordered list (bulleted).

`<ol>`: Ordered list (numbered).

`<li>`: List item (used inside `<ul>` or `<ol>`).

`<dl>`: Definition list.

`<dt>`: Definition term (used inside `<dl>`).

`<dd>`: Definition description (used inside `<dl>`).

Form Tags:

`<form>`: Creates a form for user input.

`<input>`: Input field (e.g., text, radio, checkbox).

`<textarea>`: Multi-line text input field.

`<button>`: Button.

`<select>`: Dropdown list.

`<option>`: Options inside a `<select>` element.

`<label>`: Label for form elements.

`<fieldset>`: Groups related form elements.

`<legend>`: Caption for a `<fieldset>`.

`<datalist>`: Provides an autocomplete list for an `<input>` element.

Media Tags:

`<img>`: Displays an image.

`<audio>`: Embeds audio content.

`<video>`: Embeds video content.

`<source>`: Specifies multiple media resources for `<audio>` and `<video>`.

`<track>`: Specifies text tracks (like captions) for `<video>` and `<audio>`.

`<iframe>`: Embeds another HTML page within the current page.

`<embed>`: Embeds external content (like plugins or multimedia).

`<object>`: Embeds multimedia or applications.

Table Tags:

`<table>`: Defines a table.

`<caption>`: Table caption.

`<thead>`: Table header.

`<tbody>`: Table body.

`<tfoot>`: Table footer.

`<tr>`: Table row.

`<th>`: Table header cell.

`<td>`: Table data cell.

Semantic Tags:

`<header>`: Defines a header section.

`<footer>`: Defines a footer section.

`<article>`: Defines independent content.

`<section>`: Defines a section of content.

`<nav>`: Navigation links section.

`<aside>`: Sidebar content.

`<main>`: Main content of the document.

Interactive Tags:

`<details>`: Creates a collapsible content section.

`<summary>`: Defines a visible heading for a `<details>` element.

`<dialog>`: Defines a dialog box or window.

Scripting Tags:

`<script>`: Embeds or links to JavaScript code.

`<noscript>`: Content to display if JavaScript is not supported or disabled.

Metadata and Linking Tags:

`<meta>`: Provides metadata like charset, description, etc.

`<link>`: Links external files, like CSS.

Deprecated Tags:

`<acronym>`: Replaced by `<abbr>`.

`<center>`: Replaced by CSS for centering.

`<font>`: Replaced by CSS for text styling.