Tags and attributes

In HTML, tags are used to define elements and give structure to a webpage. There are many types of tags, each with a specific purpose. Some of the most common HTML tags are:

Structural Tags:

➢<html>: Defines the root of an HTML document.

➢ <head>: Contains metadata and other information not displayed on the webpage,

➢ <body>: Contains the main content of a webpage, visible to users.

➢ <h1> to <h6>: Define headings, with <h1> being the largest and most important

and <h6> being the smallest and least important

Text Formatting:

➢ <p>: Defines a paragraph.

➢ <strong>: Defines bold text.

➢ <em>: Defines italic text.

➢ <u>: Defines underlined text

➢ <s>: Defines strikethrough text.

➢ <pre>: Defines preformatted text, usually displayed in a fixed-width font,

preserving spaces and line breaks.

➢ <code>: Defines a piece of computer code, usually displayed in a fixed-width

font.

➢ <blockquote>: Defines a long quotation.

Lists:

➢ <ul>: Defines an unordered (bulleted) list.

➢ <ol>: Defines an ordered (numbered) list.

➢ <li>: Defines a list item.

Links and Images:

➢ <a>: Defines a hyperlink.

➢ <img>: Defines an image

Tables:

➢ <table>: Defines a table.

➢ <tr>: Defines a table row.

➢ <th>: Defines a table header cell.

➢ <td>: Defines a table data cell.

Forms:

➢ <form>: Defines a form for user input.

➢ <input>: Defines an input control, like a text field, checkbox, or button.

➢ <textarea>: Defines a multiline text input.

➢ <label>: Defines a label for an input element.

➢ <select>: Defines a dropdown list.

➢ <option>: Defines an option in a dropdown list

Multimedia:

➢ <video>: Defines a video.

➢ <audio>: Defines an audio.

Semantic Tags:

➢ <header>: Defines a header for a section or a page.

➢ <footer>: Defines a footer for a section or a page.

➢ <nav>: Defines a navigation section.

➢ <article>: Defines an independent piece of content, like a blog post or news

article.

➢ <section>: Defines a section in a document, like a chapter or a group of related

content.

➢ <aside>: Defines content that is tangentially related to the content around it, like

a sidebar or a pull quote