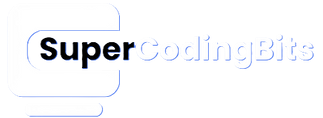
**HTML**

**Cheatsheet**



Just starting out with web development? Begin with HTML.

**Basic Learning**

**1. The HTML Document:** Every HTML document starts with <html> and ends with </html>. Within this, you have the <head> section (for meta-information like titles and stylesheets) and the <body> section (for the content that users will see).

**2. Headings:** Use <h1> to <h6> tags for different levels of headings. Smaller numbers indicate larger headings.

**3. Paragraphs:** Wrap text in <p> tags for paragraphs.

**4. Links:** Create links with the <a> tag. Use the href attribute to specify the target URL, for example, <a href="https://www.example.com">Visit Example</a>.

**5. Images:** Use the <img> tag to display images. Use the src attribute to specify the image file path, and alt for alternative text (important for accessibility). Example: <img src="image.jpg" alt="A beautiful image">.

**6. Lists:** Use <ul> for unordered lists (bullet points) and <ol> for ordered lists (numbered). Each list item is wrapped in <li> tags.

**7. Tables:** Create tables with <table>, <tr> (table rows), and <td> (table data) tags.

**8. Forms:** Create forms using the <form> tag. Add input fields with <input> (text boxes, checkboxes, etc.), and buttons with <button>.

**9. Comments:** Use <!-- This is a comment --> to add notes that will not be displayed in the browser.

**10. Attributes:** Many HTML elements have attributes, which provide additional information. For example, the class attribute is used to group elements with shared styles, while the id attribute is used to uniquely identify elements.

**11. CSS:** Use <link> tags within the <head> section to link your HTML document to an external stylesheet (a .css file) for styling.

**HTML Cheatsheet: Essential Elements and Attributes**

**Document Structure**

**<html>:** The root element of every HTML document.

**<head>:** Contains metadata about the document, not visible on the page.

**<title>:** Defines the title of the HTML page, displayed in the browser tab.

**<body>:** Contains the visible content of the HTML page.

**Text Formatting:**

**<h1> to <h6>:** Headings, from largest (H1) to smallest (H6).

**<p>:** Paragraph.

**<b>:** Bold text.

**<strong>:** Strong emphasis, often bold by default.

**<i>:** Italic text.

**<em>:** Emphasized text, often italic by default.

**<br>:** Line break.

**<hr>:** Horizontal rule.

**<pre>:** Preformatted text, preserves whitespace and formatting.

**Links**

**<a>:** Creates a hyperlink.

**href attribute:** Specifies the URL the link points to.

**target attribute:** Controls where the link opens (e.g., \_blank for new tab).

**Images**

**<img>:** Inserts an image.

**src attribute:** Specifies the image source (file path or URL).

**alt attribute:** Provides alternative text for accessibility.

**width and height attributes:** Specify the image dimensions.

**Lists**

**<ul>:** Unordered list (bullet points).

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

**<li>:** List item.

**type attribute:** Specifies the list item marker (e.g., disc, circle, square).

**Tables**

**<table>:** Creates a table.

**<tr>:** Table row.

**<th>:** Table header cell.

**<td>:** Table data cell.

**colspan attribute:** Merges multiple columns.

**rowspan attribute:** Merges multiple rows.

**Forms**

**<form>:** Creates a form.

**action attribute:** Specifies the URL where form data is sent.

**method attribute:** Specifies the HTTP method used (e.g., GET, POST).

**<input>:** Creates an input field.

**type attribute:** Specifies the input type (e.g., text, password, checkbox).

**value attribute:** Sets the default value of the input field.

**<button>:** Creates a button.

**<textarea>:** Creates a multi-line text area.

**<select>:** Creates a dropdown menu.

**<option>:** Defines an option within a <select> element.

**Other Elements**

**<code>:** Represents code.

**<kbd>:** Represents keyboard input.

**<blockquote>:** Block quote.

**<em>:** Emphasized text.

**<strong>:** Strong emphasis.

**<span>:** Inline container.

**<div>:** Block-level container.

**<aside>:** Content aside from the main content.

**<article>:** Independent content like a blog post.

**<header>:** Page header.

**<footer>:** Page footer.

**<nav>:** Navigation links.

**<main>:** Main content area.

**<section>:** A thematic section of content.

**Attributes**

**id:** Unique identifier for an element.

**class:** Group elements with shared styles.

**style:** Inline styles for an element.

**title:** Tooltip text for an element.

**lang:** Language of the content.

**dir:** Text direction (e.g., ltr for left-to-right, rtl for right-to-left).