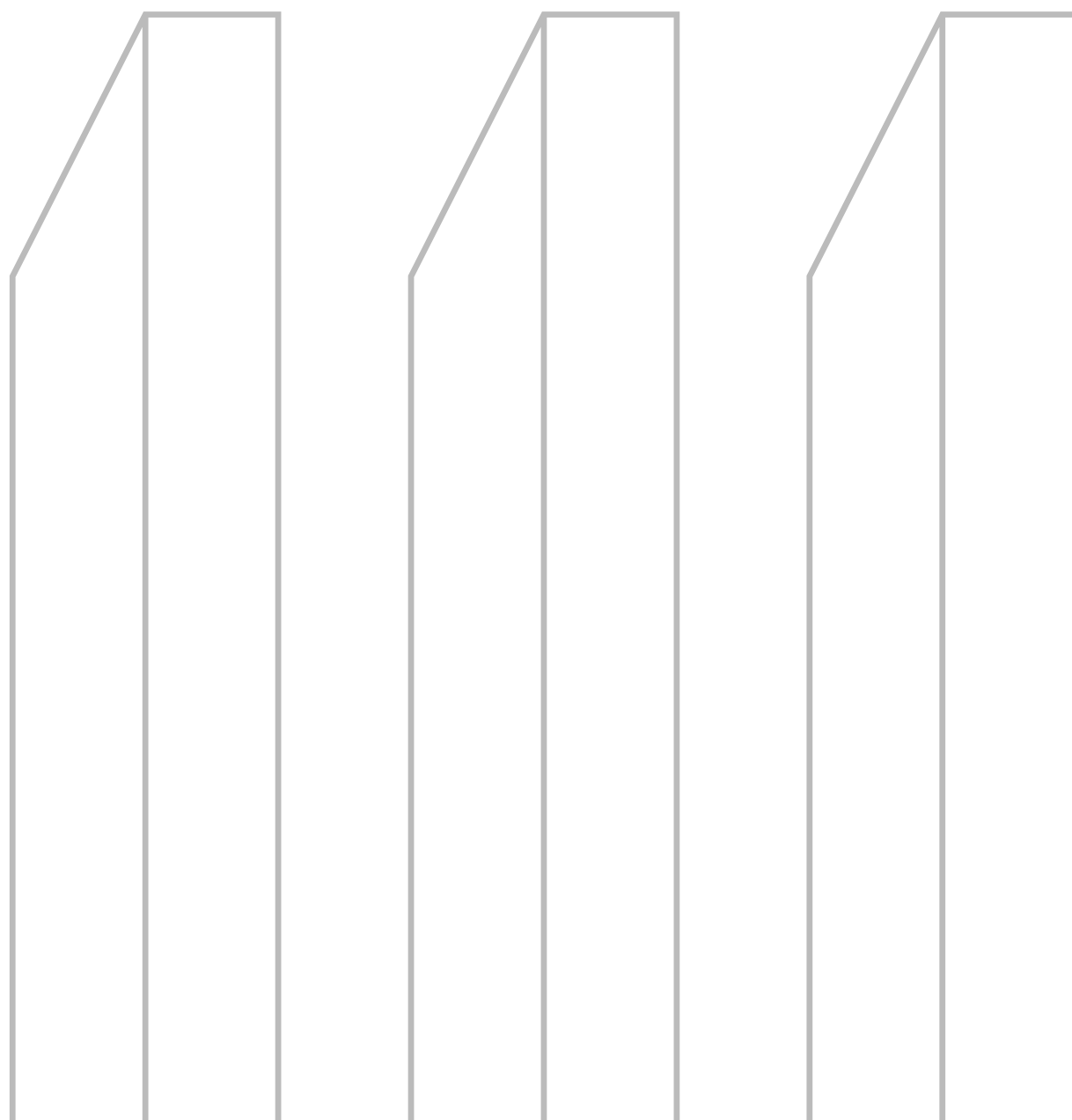DEEPANSHU SHARMA

HTML TAGS: YOUR GATEWAY TO WEB DEVELOPMENT

Unlock the Power of HTML for Modern Websites
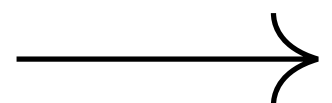
What Are HTML Tags?

HTML tags are the building blocks of web pages. They define the structure and content of your site.
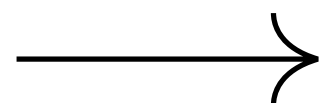
→

Document Structure Tags

- **<!DOCTYPE>**: Defines the document type and version of HTML.

- **<html>**: The root element of an HTML page.

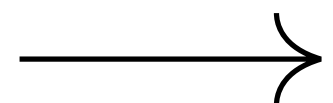- **<head>**: Contains meta-information about the document.

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Document Structure Tags

- **<title>**: Sets the title of the document, shown in the browser's title bar or tab.

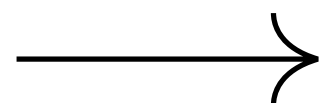- **<body>**: Contains the content of the document.

Metadata Tags

- **<meta>**: Defines metadata about an HTML document, such as character set, keywords, etc.

- **<link>**: Links external resources like stylesheets.

- **<style>**: Contains CSS styles.

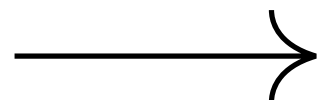- **<base>**: Specifies the base URL for relative URLs in the document.

Text Content Tags

- **<h1>** to **<h6>**: Headings, with <h1> being the highest level and <h6> the lowest.

- **<p>**: Paragraphs.

- **
**: Line break.

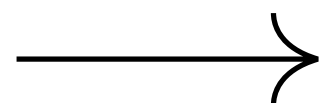- **<hr>**: Horizontal rule (a thematic break).

Text Content Tags

- **\<pre\>**: Preformatted text.

- **\<blockquote\>**: Block quotation.

- **\<ol\>**: Ordered list.
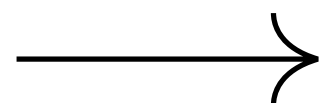
- **\<ul\>**: Unordered list.

Text Content Tags

- **<li>**: List item.

- **<dl>**: Description list.

- **<dt>**: Description term.
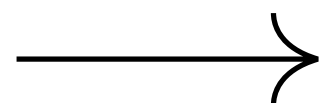
- **<dd>**: Description detail.

Text Content Tags

- **<figure>**: Self-contained content, like illustrations, diagrams, etc.

- **<figcaption>**: Caption for the <figure> element.

- **<div>**: Generic container for content.
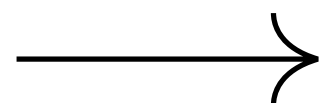
Text Formatting Tags

- **\<a\>**: Anchor, for hyperlinks.

- **\<strong\>**: Strong emphasis, usually bold.

- **\<em\>**: Emphasis, usually italic .
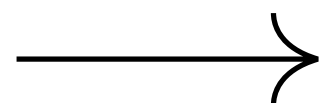
- **\<b\>**: Bold text.

Text Formatting Tags

- **<i>**: Italic text.

- **<u>**: Underlined text.

- **<small>**: Smaller text.
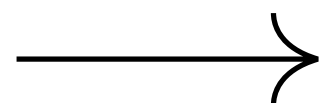
- **<mark>**: Highlighted text.

Text Formatting Tags

- **\<del\>**: Deleted text, often with a strikethrough.

- **\<ins\>**: Inserted text, often underlined.

- **\<sub\>**: Subscript text.
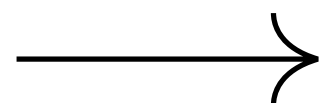
- **\<sup\>**: Superscript text.

Text Formatting Tags

- **\<code\>**: Inline code snippet.

- **\<kbd\>**: Keyboard input.

- **\<samp\>**: Sample output.
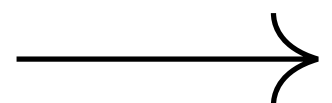
- **\<var\>**: Variable.

Text Formatting Tags

- **<abbr>**: Abbreviation.

- **<cite>**: Citation.

- **<bdi>**: Bidirectional isolation.

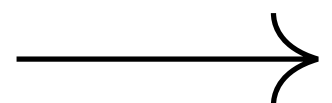- **<bdo>**: Bidirectional override.

- **<q>**: Inline quotation.

Image and Multimedia Tags

- **<img>**: Image.

- **<picture>**: A container for multiple image sources.

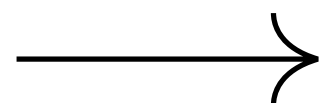- **<source>**: Specifies multiple media resources for <picture>, <audio>, or <video>.

Image and Multimedia Tags

- **\<audio>**: Audio content.

- **\<video>**: Video content.

- **\<track>**: Text tracks for \<video> and \<audio>.
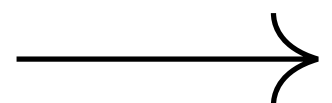
Embedded Content Tags

- **\<iframe\>**: Inline frame.

- **\<embed\>**: Embeds external content.

- **\<object\>**: Generic container for embedded content.

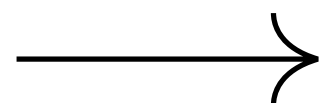- **\<param\>**: Parameters for \<object\>.

Scripting Tags

- **\<script\>**: Embedded scripting, such as JavaScript.

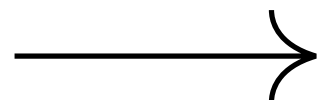- **\<noscript\>**: Alternate content for users without scripting support.

Table Tags

- **<table>**: Table container.

- **<caption>**: Table caption.

- **<tr>**: Table row.

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

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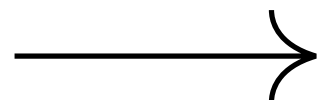
Table Tags

- **\<thead\>**: Group of header rows.

- **\<tbody\>**: Group of body rows.

- **\<tfoot\>**: Group of footer rows.

- **\<colgroup\>**: Group of columns.

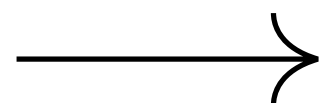- **\<col\>**: Column in a \<colgroup\>.

Form Tags

- **<form>**: Form container for user input.

- **<input>**: Input control.

- **<textarea>**: Multiline text input.

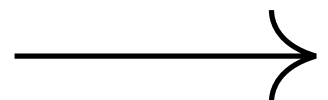- **<button>**: Clickable button.

Form Tags

- **<select>**: Drop-down list.

- **<option>**: Option in a drop-down list.

- **<optgroup>**: Group of related options in a drop-down list.

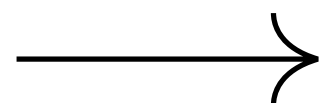- **<label>**: Label for input elements

Form Tags

- **\<fieldset\>**: Group of related elements in a form.

- **\<legend\>**: Caption for \<fieldset\>.

- **\<datalist\>**: List of predefined options for input.

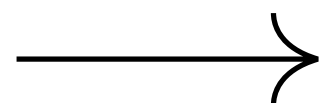- **\<output\>**: Output element.

Interactive Elements

- **<details>**: Disclosure widget for additional information.

- **<summary>**: Summary for <details>.

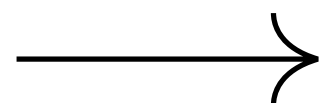- **<dialog>**: Dialog box or window.

Semantic Elements

- **<section>**: Section in a document.

- **<article>**: Self-contained content.

- **<aside>**: Content aside from the main content.
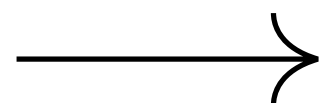
- **<header>**: Introductory content.

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Semantic Elements

- **<footer>**: Footer content.

- **<nav>**: Navigation links.

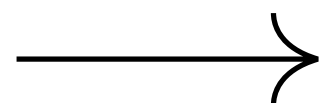- **<main>**: Main content of the document.

Miscellaneous Tags

- **<span>**: Inline container for text.

- **<data>**: Machine-readable data.

- **<time>**: Date/time.

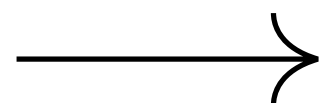- **<address>**: Contact information.

Miscellaneous Tags

- **\<progress>**: Progress indicator.

- **\<meter>**: Scalar measurement within a known range.

- **\<template>**: Template content for client-side processing.

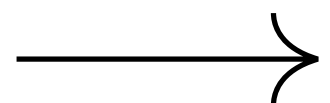- **\<slot>**: Placeholder in a Web Component.

Deprecated Tags

These tags are outdated and generally discouraged in modern HTML:

- **<font>**: Font settings.

- **<center>**: Centered text.

- **<marquee>**: Scrolling text.

- **<applet>**: Java applet (use <object> or <embed> instead).
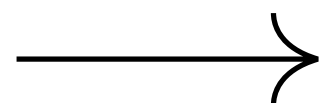
Deprecated Tags

- **\<bgsound>**: Background sound (use \<audio> instead).

- **\<basefont>**: Base font size (use CSS instead).

- **\<big>**: Large text (use CSS instead).
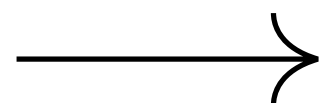
- **\<blink>**: Blinking text (use CSS animations instead).

Conclusion

Understanding HTML tags is crucial for web development. Start experimenting with these tags today and elevate your web design skills!

Share it with a friend that might be interested.

❤️ 🔖 ➤

Deepanshu Sharma

Software Developer | Digial marketer