

Build a website with html

Welcome to my website!

This is a paragraph of text.

`<!DOCTYPE html>` declares the document type, `<html>` is the root element, `<head>` contains meta-information (like the title), and `<body>` holds all the visible content.²

How do I structure my content in HTML? What are semantic tags and why are they important?

Semantic HTML uses tags that describe their meaning, like `<h1>`

`<h2>`,
`<h3>`,
`<p>`,
`<strong>`,
`<em>`,
`<small>`,
`<code>`, and `<pre>`

`<code>`. This improves accessibility, SEO, and makes your code easier to understand and maintain compared to generic `<div>`

`<div>` tags.³

I want to add images and links to my website. How do I do that in HTML?

For images, use the `<img>` tag with the `src` attribute for the image file path and an `alt` attribute for descriptive text (essential for accessibility). For links, use the `<a>` tag with the `href` attribute for the URL.⁴

Can I make my website look good with just HTML, or do I need other technologies?

HTML provides the structure and content. To make it visually appealing, you'll need CSS (Cascading Style Sheets). HTML defines *what* goes on the page, and CSS defines *how* it looks (colors, fonts, layout, etc.).

⁵What's the difference between `<div>`

`<div>` and `<div>`

`<div>` tags, and how should I use them?

`<div>` through `<div>`

`<h1>` represent heading levels. `<h2>`

`<h1>` is the most important and should be used for the main title of your page.

Subsequent headings (`<h2>`

`<h3>`, `<h4>`

`<h5>`, etc.) denote sub-sections in a hierarchical order. Use them logically for content organization.⁶

How do I create lists in HTML? Are there different types?

Yes, there are two main types: unordered lists (`<ul>`

`<ul>`) for bullet points and ordered lists (`<ol>`

`<ol>`) for numbered lists. Both use the `<li>`

1. `<li>` tag for individual list items within them.⁷

I've heard of HTML forms. What are they used for, and what are some basic tags involved?

HTML forms are used to collect user input. Key tags include `<form>`

`<form>` to enclose the form elements, `<div>` for user-friendly descriptions of input fields, and input types like `<input type="text">` for text, `<input type="submit" value="Submit">` for submission buttons, and `<input type="button" value="Submit">`

