

Build a website with html

Welcome to my website!

This is a paragraph of text.

. The `DOCTYPE` 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 `

$$\begin{array}{c} \backslash \quad \backslash \\ , \\ \backslash \quad \backslash \\ , \\ \backslash \quad \backslash \\ , \\ \backslash \quad \backslash \\ , \\ \backslash \quad \backslash \\ , \text{ and } \backslash \end{array}$$

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

` tags.3

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

For images, use the `` tag with the `src` attribute for the image file path and an `alt` attribute for descriptive text (essential for accessibility). For links, use the `` 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 `

` and `

tags, and how should I use them?

` through `

` represent heading levels. `

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

Subsequent headings (`

`,`

`, 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 (`

) for bullet points and ordered lists (`

) for numbered lists. Both use the `

1. ` 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 `

` to enclose the form elements, `` for user-friendly descriptions of input fields, and input types like `` for text, `` for submission buttons, and `

