

Html

HTML is a markup language that uses a system of tags to annotate text, images, and other content on a webpage. Each HTML document begins with a `<!DOCTYPE html>` declaration, followed by an `<html>` tag that encompasses the entire document. Inside the `<html>`, the document is divided into two main sections: the `<head>`, which contains meta-information, and the `<body>`, which holds the content displayed on the page.

HTML5, the latest version of the language, introduced significant enhancements, including new semantic elements like `<header>`, `<nav>`, `<article>`, `<section>`, and `<footer>`. These elements improve accessibility and search engine optimization (SEO) by clearly defining the structure of the content. Furthermore, HTML5 supports multimedia elements such as `<audio>` and `<video>`, enabling the integration of rich media without requiring additional plugins.

HTML also plays a crucial role in web accessibility. By using proper semantic tags and attributes like `alt` for images, developers can ensure that their websites are usable by individuals with disabilities. Overall, mastering HTML is essential for anyone looking to build a career in web development, as it serves as the foundational language for all web projects.