

Topic 1: Introduction to HTML

Overview

This topic introduces learners to HTML, the foundational language of the web. It is designed for complete beginners and provides a clear understanding of what HTML is, why it is important, and how it is used to create websites. By the end of this topic, learners will have a strong conceptual foundation that prepares them for practical HTML usage in later lessons.

What is HTML?

HTML stands for HyperText Markup Language. It is the standard language used to create and structure content on the internet. HTML is not a programming language; instead, it is a markup language that uses tags to describe and organize content on a webpage.

HTML allows developers to define elements such as headings, paragraphs, images, links, and lists. These elements help browsers understand how content should be displayed to users. Every website, regardless of its size or complexity, relies on HTML as its structural foundation.

Why HTML is Important

HTML plays a critical role in web development because it provides the basic structure of a webpage. Without HTML, web browsers would not know how to display content in an organized and readable way. HTML ensures consistency across different browsers and devices.

Learning HTML is the first step for anyone interested in technology, web design, or software development. It forms the foundation upon which other technologies such as CSS and JavaScript are built.

How HTML Works

HTML works by using tags written inside angle brackets. These tags act as instructions that tell the browser how to interpret and display content. Most HTML tags come in pairs, consisting of an opening tag and a closing tag.

When a browser opens an HTML file, it reads the code from top to bottom and converts it into a visual webpage. This process happens instantly, allowing users to see formatted text, images, and other elements on their screens.

HTML as a Beginner-Friendly Language

HTML is widely regarded as one of the easiest languages to learn in web development. It does not require prior coding experience and uses clear, readable syntax. This makes HTML especially suitable for children, teenagers, and beginners.

Because HTML focuses on structure rather than logic, learners can quickly see results from their work. This builds confidence and encourages continued learning.

Conclusion

Understanding HTML is an essential step in learning how the web works. This topic has provided a detailed introduction to HTML, its purpose, and its importance. With this foundation, learners are now

ready to move on to writing their first HTML code and creating simple web pages.