

HTML: HyperText Markup Language

- HTML, HyperText Markup Language is the backbone of web, providing the content, as well as structure of that content, which is displayed in the Browser.
- HTML elements are the nodes that make up the Document Object Model, DOM.
- CSS (Cascading Style Sheets) provides the look and feel, or presentation layer of the page.
- Javascript is the behavior layer, often used to manipulate the objects within a document.
- HTML ~~has~~ consists of a series of elements and attributes used to markup all the components of a document to structure it in a meaningful way.
- HTML documents are basically a tree of nodes, including HTML elements and text nodes.

Element v/s Tag:

Tag name is the content in the ^{angle} bracket (< >), and the tag includes the bracket.

Element is the opening & closing tag, and all the content between those tags, including nested elements.

<p> Hi, I am Ajay Gihimire. </p>

↓
tag

↓
tag

↑

element

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Dom -

DOM is the data representation of the structure and content of the HTML document.

As browser parses HTML, it creates a JS object for every element and section of text