Lesson 1

Introduction to HTML

HTML stands for HyperText Markup Language and like it says it is markup language and we use HTML to create web pages/websites. Markup language is set of rules that we need to follow and when we follow that rules even simple things, like plain text, can be displayed differently. For example, by the rule in HTML when we surround any text with and that text will be displayed like bold text (Some text).

So, we create HTML documents following HTML rules and web browsers (Google Chrome, Microsoft Edge or any web browser) convert that HTML documents to web pages. When we open any website in web browser (some that we like or websites that we are visiting daily) that website is nothing more than set of HTML documents, hosted on some server on internet and public available for users.

HTML documents are text documents so we can create HTML documents with any text editor. Important thing that we should remember is when we save our HTML documents, we need to save it with extension .html (e.g. Index.html), otherwise that document will be treated like regular text document.

 Complete HTML is based on two important components:

     1. HTML tags

     2. HTML elements

1. HTML tag is letter or word surrounded with less than sign (<) and greater than sign (>):

e.g. <p> , <html>

or letter or word surrounded with less than sign forward slash (</) and greater than sign (>):

e.g. </p> , </html>

 So, based on that we have two type of HTML tags, there are start tags: (<p>, <html>) and end tags: (</p> , </html>).

2. HTML element is content surrounded with start tag and end tag: e.g. <p> Some content </p>

Also there is one more type of HTML element, that is element that contains only one tag, very similar to end HTML tag but this element has forward slash at the end of tag: e.g. <input type="text"/>. This HTML element is also known as Empty HTML element or self closing HTML element.

Why are important HTML tags and HTML elements? Well complete website is nothing more than set of HTML tags and HTML elements. For example, button in website is button HTML element created with button start tag and button end tag (<button>LIKE</button>).

We will talk more about HTML tags and HTML elements in the next lesson!

Thank You for choosing us! ♡