

BASIC TOOLS- HTML5

WHAT EXACTLY IS HTML5?

MARKUP LANGUAGE FOR WEB/WEB APPS

HTML is the World Wide Web's core markup language. Originally, HTML was primarily designed as a language for semantically describing scientific documents. Its general design, however, has enabled it to be adapted, over the subsequent years, to describe a number of other types of documents and even applications.

SCOPE AND APPLICATION OF HTML5

SEMANTIC-LEVEL MARKUP LANGUAGE AND ASSOCIATED SEMANTIC-LEVEL SCRIPTING APIS

Applications that would be expected to be used by users on an occasional basis, or regularly but from disparate locations, with low CPU requirements.

STRUCTURE OF HTML5

THIS SPECIFICATION IS DIVIDED INTO THE FOLLOWING MAJOR SECTIONS:

Common infrastructure, Semantics, structure, and APIs of HTML documents, The elements of HTML, Microdata, User interaction, Loading web pages, Web application APIs, Web workers, The communication APIs, Web storage, The HTML syntax, The XML syntax and Rendering.

QUICK INTRO AND FULL GUIDE TO LEARN HTML5

ONLINE WEB TUTORIALS

There are a lot of resources to learn HTML. For example, codecademy, shecodes and even Youtube. For a quick read through about HTML and everything you would need to know, GO THROUGH THIS GITHUB!

BASIC TOOLS- CSS3

WHAT EXACTLY IS CSS?

DESCRIBING THE PRESENTATION OF WEB PAGES

Cascading Style Sheets (CSS) is a style sheet language used for describing the presentation of a document written in a markup language such as HTML.

SCOPE AND APPLICATION OF CSS

STYLE WEB PAGES AS YOU WISH ALONGSIDE AN XML LANGUAGE

Using CSS, you can control the color of the text, the style of fonts, the spacing between paragraphs, how columns are sized and laid out, etc. CSS saves time – You can write CSS once and then reuse the same sheet in multiple HTML pages.

STRUCTURE OF CSS3

CSS SYNTAX CONSISTS OF A SELECTOR, A PROPERTY AND A VALUE

The syntax of a Cascading Style Sheet (CSS) rule consists of a selector and a declaration. A declaration block consists of several declarations for a given selector. Multiple selectors can be combined in a rule.

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FREE ONLINE WEB TUTORIALS

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BASIC TOOLS- JAVASCRIPT

WHAT EXACTLY IS JS?

PROCESSING AND WORKING OF THE WEB PAGES

JavaScript is a text-based programming language used both on the client-side and server-side that allows you to make web pages interactive

SCOPE AND APPLICATION OF JS

IMPLEMENT COMPLEX FEATURES ON WEB PAGES

Where HTML and CSS are languages that give structure and style to web pages, JavaScript gives web pages interactive elements that engage a user. Most of the functions and applications that make the Internet indispensable to modern life are coded in some form of JavaScript.

STRUCTURE OF JS

AN EXAMPLE OF A JAVASRIPT CODE

JavaScript statements are commands to the browser
JavaScript code is a sequence of statements
JavaScript statements are separated with semicolon
Multiple statement on one line is allowed
JavaScript statements can be grouped together in code blocks
You can break a code line after an operator or a comma.

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