03/06/17

Cascading Style Sheet(CSS)

* Language used to specify the presentation aspects (layouts and formatting) of structurally marked up languages
* Developed by Hakon Wium Lie (CHSS) and Bert Bos (SSP)
* Versions:
  + CSS 1
  + CSS 2.1 (June 2011)
  + CSS 3
* CSS Preprocessors, CSS Frameworks
  + SASS, Less, 950 Grid Sytem, Bootstrap, Foundation, Materialize, etc.

HTML/XHTML Styles Sheets

* Author styles
  + External
  + Embedded styles
  + Inline styles
* User styles
* User agent styles (example default CSS 2.1 stylesheet for html 4)

CSS Statements

* At-Rules
  + @charset
  + @import
  + @media
  + @font-face
  + @keyframe
  + @page
* CCS Rule Sets (aka CSS Rules, Style Rules)
  + Consist of a selector, followed by a brace-enclosed /\*\*/

CSS Selectors

* Selector
  + Structure used as a condition in a CSS Rule to determine which elements in the document tree are matched by the selector and are thus targeted by the formatting
* Selector Syntax
  + Chain of one or more sequence of simple selectors separated by combinators with one pseudo-element possibly appended to the last sequence