

Announcements

- ❖ Check class announcements daily

Web Developer (Firefox) Add-on

- ❖ **Link**

<https://addons.mozilla.org/en-US/firefox/downloads/latest/60/addon-60-latest.xpi>

- ❖ **After installation you will find it under Tools**

@import

- ❖ @import directive
 - ❖ Imports another style sheet
 - ❖ Can be placed at the beginning of a style sheet
 - ❖ Inside HTML/XHTML you will place it inside of the `<style></style>`
- ❖ **Example:** Import Folder

Shorthand Property

- ❖ Shorthand Property- allows you to specify several properties by using only one
- ❖ If you don't specify one of the properties a default value will be used
- ❖ Commonly used shorthand properties
 - ❖ background
 - ❖ font
 - ❖ list-style
 - ❖ margin
 - ❖ border
 - ❖ padding
- ❖ **Example:** NoShorthandProp.html, NoShorthandProp.css, ShorthandProp.html, ShorthandProp.css

Alternate Style Sheets

- ❖ You can have alternate style sheets that are accessible via the browser
- ❖ Example: `stylesheetsAlt.html`, `stylesheetsAltA.css`, `stylesheetAltB.css`

Kinds of Selectors

❖ **Descendant selector**

- ❖ Override the type and class selector styles
- ❖ Typically with two elements where the second is a descendant
- ❖ `li a {font-size: 2em}`
- ❖ **Example:** descendantSelector.html, descendantSelector.css

❖ **Child selector**

- ❖ Element is styled if it is a direct descendant of its parent
- ❖ `p > em {text-decoration: underline;}`
- ❖ **Example:** childSelector.html, childSelector.css

❖ **Universal selector**

- ❖ Applies to all elements
- ❖ **Example:** `* {font-family: arial, Helvetica; }`

❖ **Pseudo-elements**

- ❖ Allows you to style an item that is not marked by elements
- ❖ Two pseudo-elements: `:first-letter`, and `:first-line`
- ❖ **Example:** pseudoElements.html, pseudoElements.css

Selectors

- ❖ **ID Selectors**

- ❖ Used to identify unique sections of a web page

- ❖ **ID Selectors + descendant selectors**

- ❖ Allow us to apply specific styles to elements in specific sections of a web page
 - ❖ Example:
 - ❖ `#header h2 {font-weight: normal;}`
 - ❖ `#content h2 {font-weight: bold;}`

Background

- ❖ Background properties
 - ❖ background-color
 - ❖ background-image – location of image
 - ❖ background-repeat – how image repeats. Possible values
 - ❖ no-repeat – one instance of the image
 - ❖ repeat – tile
 - ❖ repeat –y → repeats on the y-axis
 - ❖ repeat –x → repeats on the x-axis
 - ❖ background-attachment – indicates attachment of the image to the containing element. Possible values are:
 - ❖ scroll → default value.
 - ❖ fixed → image will stay stationary as the scrolling takes place
 - ❖ background-position – Possible values (combination of are valid)
 - ❖ top, bottom, center, left, right
- ❖ Background images can be used in elements other than body
- ❖ Example: background.html, background.css
- ❖ Shorthand property: backgroundShorthand.html, backgroundShorthand.css

Generic Font Families

- ❖ sans-serif – (e.g., Verdana, Helvetica, Arial)
- ❖ serif – (e.g., Times New Roman, Georgia, Times)
- ❖ monospace – (e.g., Courier, MS Courier New)
- ❖ cursive – (e.g., Lucida Handwriting)
- ❖ fantasy – (e.g., Whimsey, Comic Sans)