

Announcements

- Midterm on Friday

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;}`

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

Font-size Keywords

- xx-small
- x-small
- small
- medium
- large
- x-large
- xx-large
- larger
- smaller
- Example: `fontsizeKeywords.html`, `fontsizeKeywords.css`

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)