Lesson 5 and 6: CSS

*CSS = Cascading Style Sheets*

**Simple Selectors**

* h1 {}
* .class {} – select a class
* #id {} – select an id
* \* {} - select all things

**Attribute Selectors:**

* [attribute] – select an attribute within a tag
  + [attribute=”value”] {} – select an attribute with a specific value
  + [attribute~=”value”] {} – select an attribute with a specific value, even among other attributes

**Pseudo-Class Selectors:**

Separated with the colon and no space after the colon

* a:hover {} – change an anchor when cursor is hovering over it
* a:visited {} – change an anchor when it has been visited/clicked on

**Combinators and Multiple Selectors:**

* div p {} – selects all paragraphs within a div
* div, p {} – selects all paragraphs AND divs

Margin = extra space outside the BORDER

Padding = extra space inside the BORDER

* “box-sizing” – determines how the box width will be adjusted
  + “content-box” – width applied to just the content (excludes padding and border in calculation)
  + “content-box” – width applied to content, padding and border altogether

**Positioning:**

* static – default positioning
* absolute – position relative to top-left of the page/div
* relative – position relative to current positioning
* fixed – stays in a specific spot on page, regardless of scrolling

**Variable declaration:**

1. :root {
2. --main-bg-color: red;
3. }