COMP 1017

Day 11
Selectors & Classes

In CSS, we use selectors to target the HTML in our web pages that we want to style.

So, what kind of selectors exist?

Selectors

Variations on a theme.

HTML Elements.

```
html { }
body { }
h1 - h6 { }
section { }
ul { }
li { }
p { }
```

IDs.

```css
#banner { }

#jumbotron { }
```

… huh, that's new.

IDs are very powerful selectors that can only be used once per page.

We won't be using IDs in this course because they can override just about anything.

Classes.

```
.container { }

.container-small {

}

.row { }

.banner-image { }
```

We will be using all sorts of classes, so let's talk about them!

Classes

Other than this one, of course.

What is a class?

A class is a bunch of rules that we can write in our CSS and add to anything within our HTML.

Where do class names come from?

We make them the h*ck up.

Classes have a dot (.), followed by a semantic name.

.name

In our css

```css
.container {
    width: 960px;
}
```

In order for classes to work, they need to be in two places:

1. your HTML*
2. your CSS

* this will be the value of the class attribute

In our HTML

```
<p class="container">
```

You can add as many classes to your HTML elements as you like!

Multiple Selectors

All you have to do is separate your class names by spaces.

```html
<ul>

  <li class="size">Changes Font Size</li>

  <li class="size color"> Changes Font Size & Color</li>

  <li class="size color weight"> Changes Size Color & Weight </li>

</ul>
```

```css
.size {

    font-size: 18px;

}

.color {

    color: pink;

}

.weight {

    font-weight: bold;

}
```

Best Practices

Classes' Greatest Hits
(And Not-So-Great Ones)

Let's talk about a few do's and don'ts.

Do choose class names that are relevant to what you're doing.

Don't just use numbers or random letters or something arbitrary*.

* ex. random Beatles lyrics

Do use hyphens (**-**) or underscores (_) to con-cat-enate* words.

* i.e. string words together

Don't use spaces or camelCase.

Do keep everything lowercase.

Don't start your name off with a number.