

# Announcements

- **Project #1 is due next Tuesday**
  - Be sure you are submitting a traditional zip file
  - We will not extend the due date due to technical problems on your end
  - We will not be able to diagnose why your project is not working via email (This is why we have office hours.)
  - Your code must **VALIDATE** or you will lose points.
  - If you are stuck, don't forget to look at the examples on the class webpage.
- **Regarding quizzes and “studying”...**
- **Please bring laptops on Monday**

# Selectors (Review...)

Tags may be used as selectors:

```
p {font-size: 12pt; color: blue;}
table {border: 3px solid black;}
tr {background-color: grey;}
li {font-style: italic;}
```

Universal selector:

```
* {font-size: 12pt; color: blue;}
```

We can also use *identifiers* as selectors (next slide):

```
#specialElement {color: rgb(100,200,0);}
```

# ID Selector

HTML File:

```
<p id="Joe">This is a paragraph</p>
```

CSS rule (in separate file) with ID selector:

```
#Joe {color: green;}
```

**A particular ID can only appear ONCE in HTML document!**

# Class Selector

## HTML File:

```
<p class="awesome">Blah Blah...</p>  
<li class="awesome">Blah Blah Blah...</li>  
<b class="awesome">Blah...</b>  
<div class="awesome">Blah blah blah...</div>
```

## In separate CSS file:

```
.awesome {  
    color: green;  
    font-size: 10pt;  
}
```

**Example: [ClassExample.html](#)  
[ClassExample.css](#)**

# Other Selectors (You don't need to know these.)

**“Child” selector**

**`h1 > p {...}`**

**Applies only to paragraphs that are children of h1 elements**

**“Descendent” selector**

**`h1 p {...}`**

**Applies only to paragraphs that are descendants of h1 elements**

**“General Sibling” selector**

**`h1~p {...}`**

**Applies to any paragraph that is a sibling of any h1.**

**“Adjacent Sibling” selector**

**`h1+p {...}`**

**Applies to FIRST paragraph following an h1 heading.**

**Lots of others...**

# Pseudo-Classes

Used to select certain elements for rules. **Syntax:**

```
selector:pseudo-class {...}
```

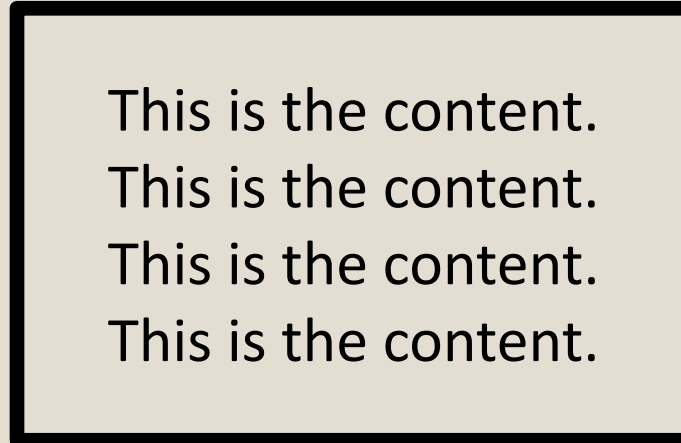
**Only a handful exist. Popular ones:**

- a:link** -- all unvisited links
- a:visited** -- all visited links
- a:hover** -- when hovering over a link
- a:active** -- link being “clicked”

**Example: [PseudoClasses.html](#)**

**[PseudoClasses.css](#)**

# Borders



## Properties you can set for an element's border:

- `border-width: 2px;`
- `border-style: solid;`  
(solid, none, dotted, dashed, double, groove, ridge, inset)
- `border-color: black;`
- `border: 2px solid black;`

**Example: [BorderExample.html](#)**

**[BorderExample.css](#)**

# Box Model

- **Padding** is the space between the content and its border
- **Margin** is the space outside the border which separates this element from its neighbors

