Session 2: HTML, Basic CSS & Path Structures

IML 400

"As We May Think"

TBL + Internet History

HTML Review

- Skeleton for webpages

- Document Object Model (DOM)

    - Tree-structure Convention

    - Developer Tools

- Basic tags

    - <html>, <head>, <body>

    - <p>, <img/>, <a>

More HTML

Ordered & Unordered Lists

Ordered Lists

```
<ol>

    <li>Cats</li>

    <li>Dogs</li>

    <li>Birds</li>

</ol>
```

Unordered Lists

```
<ul>

    <li>Cats</li>

    <li>Dogs</li>

    <li>Birds</li>

</ul>
```

<!-- COMMENTS -->

Inline Styles, Bold + Italic

Inline Styles

```
<p style="color:#ff0000;">This will be red!</p>
```

```
<p style="background-color:#ff0000;">The background
color of this will be red.</p>
```

```
<p style="color:#ffffff; background-color:#ff0000;">The
background color of this will be red, and the text will be
white.</p>
```

The <div> element

- Structure Tag

- Short for "division"

- Useful for CSS

The <span> element

- Smaller structural parts

- Good for styling small elements

- Useful for CSS

CSS Intro

<link>, ids, classes

What is CSS?

- Cascading Style Sheets

- Describes the look & feel of an HTML file

- Cascading

  - Can build on top of styles

The <link> element

- Link to your CSS file using <link>

- Why?

  - Write once, style many

  - Similar appearance across HTML files

- <link type="text/css" rel="stylesheet" href="stylesheet.css"/>

CSS Syntax

```
selector {

  property: value;

}
```

- selector should be an HTML element

- property is an aspect, and value is setting

- REMEMBER THE SEMICOLON!

/* CSS Comments */

Classes & IDs

Class Selectors

```
.callout {

    color: #FF0000;

    font-style: italic;

}
```

<div class="callout">This will be a callout</div>

<div class="callout">This will be another callout</div>

- style many elements at once

- use the same selector

ID Selectors

```
#callout {

    color: #FF0000;

    font-style: italic;

}
```

<div id="callout">This will be a callout. Only once.</div>

- style only ONE element a specific way

Assignments

http://usc.raphaelarar.com/assignments.html

Next Week

Workshop: More on CSS (Styling & Positioning)
Lecture: UX Foundations & Overarching Design