MORE CSS

Week 4 - IST 263

SUMMARY

- What is CSS & how does it affect HTML?

- CSS Vocabulary

- How to apply CSS?

- CSS Specificity

- 'Cascading' Style Sheet

HTML => DOM Tree

```html
<!doctype html>
<html lang="en">

    <head>
        <title>IST 263</title>
    </head>

    <body>
        <p>Hello World !!!</p>
    </body>

</html>
```

CSS Vocabulary

- Selector

- Property

- Value

- CSS Declaration

- CSS Declaration Block

```css
h1 {
    font-size: 35px;
    font-weight: normal;
    text-align: center;
    color: #666;
}
```

TODAY'S CLASS

- Fonts

- Colors

- Values & Units

- Long Hand / Short Form CSS

- Backgrounds

- Block / Inline Elements

- Box Model

CSS COLORS

Basic Colors: Red, Green & Blue

Color	HEX	RGB	Color
	#FF0000	rgb(255,0,0)	Red
	#00FF00	rgb(0,255,0)	Green
	#0000FF	rgb(0,0,255)	Blue
	#000000	rgb(0,0,0)	Black
	#FFFFFF	rgb(255,255,255)	White

```
h2 {
   color: #ff0000;
}
```

```
h2 {
   color: rgb(255,0,0);
}
```

```
h2 {
   color: red;
}
```

PSYCHOLOGY OF COLOR

Marketers see color as an important tool that can be used to influence consumer's emotions and perceptions

https://en.wikipedia.org/wiki/Color_psychology

TOOLS TO HELP

- https://coolors.co

- paletton.com

- Browser Add-on: Colorpicker

SPECIFYING SIZES IN CSS

- In <u>Pixels</u>, ***Ex: width: 1000px;***

   Pixels are an Absolute value

- In <u>Percentages</u>, ***Ex: width: 100%;***

   This is a relative value; relative to the parent element

- in <u>Ems</u>, ***Ex: width: 10em;***

   - 1em = 16px;

FONTS

- CSS Font Properties

```css
p {
    font-family: Helvetica, "Trebuchet MS", Verdana, sans-serif;
}
```

- Custom Fonts

```css
@font-face {
    font-family: "myFont";
    src: url("myFont.ttf");
}
```

- Fonts via Google or the Web

CSS Longhand / Shorthand

CSS BACKGROUNDS

CSS SELECTORS

Next Class

BLOCK / INLINE

- ## Block Elements

  These HTML elements form a visible block on a page. Eg: List, Paragraph, etc

- ## Inline Elements

  These elements are those that are contained within block-level elements and surround only small parts of the document's content. Eg: Span, Anchors (links), etc

BOX MODEL