Websites!

with Grady

Let's review...

The three languages for web development:

- HTML - the content
- CSS - the appearance
- Javascript - the actions

CSS

- Stands for **Cascading Style Sheets**
- The APPEARANCE of the stuff on your site
  - Colors, borders, backgrounds, you name it!
    - These characteristics are assigned to specific things in your HTML in numerous ways

CSS is all about properties!

color - change the color of your element

text-align - align your text to the left, right, or center

font-family - setting the font of your text

font-size - changing the size of your text

background-color - determines the color of the background of the element

border - creates a border around the element

height - sets the height of a certain element

width - sets the width of a certain element

.... and so many many more things!!!

CSS uses **classes** and **id's!**

- A **CLASS** is an attribute you can add to multiple HTML elements in order to add the same stylistic features to all of them
- An **ID** is an attribute you can use to single out one element of your HTML

How to add an **id**

```
<!DOCTYPE html>

<html>

    <h1>Hello world!</h1>

</html>
```

How to add an **id**

```
<!DOCTYPE html>

<html>

    <h1 id = "colorful">Hello world!</h1>

</html>
```

The `<style>` tag

- This tag is used to tell the computer which part of your file is CSS
  - This is similar to how the `<html>` tag tells it where the HTML is

Inserting the `<style>` tag

```
<!DOCTYPE html>
<style>
    // all of our CSS will go in here
</style>
<html>
    <h1 id = "colorful">Hello world!</h1>
</html>
```

Finally… Let's use some CSS!

```
<!DOCTYPE html>
<style>
    #colorful {
        color: blue;
    }
</style>
<html>
    <h1 id = "colorful">Hello world!</h1>
</html>
```
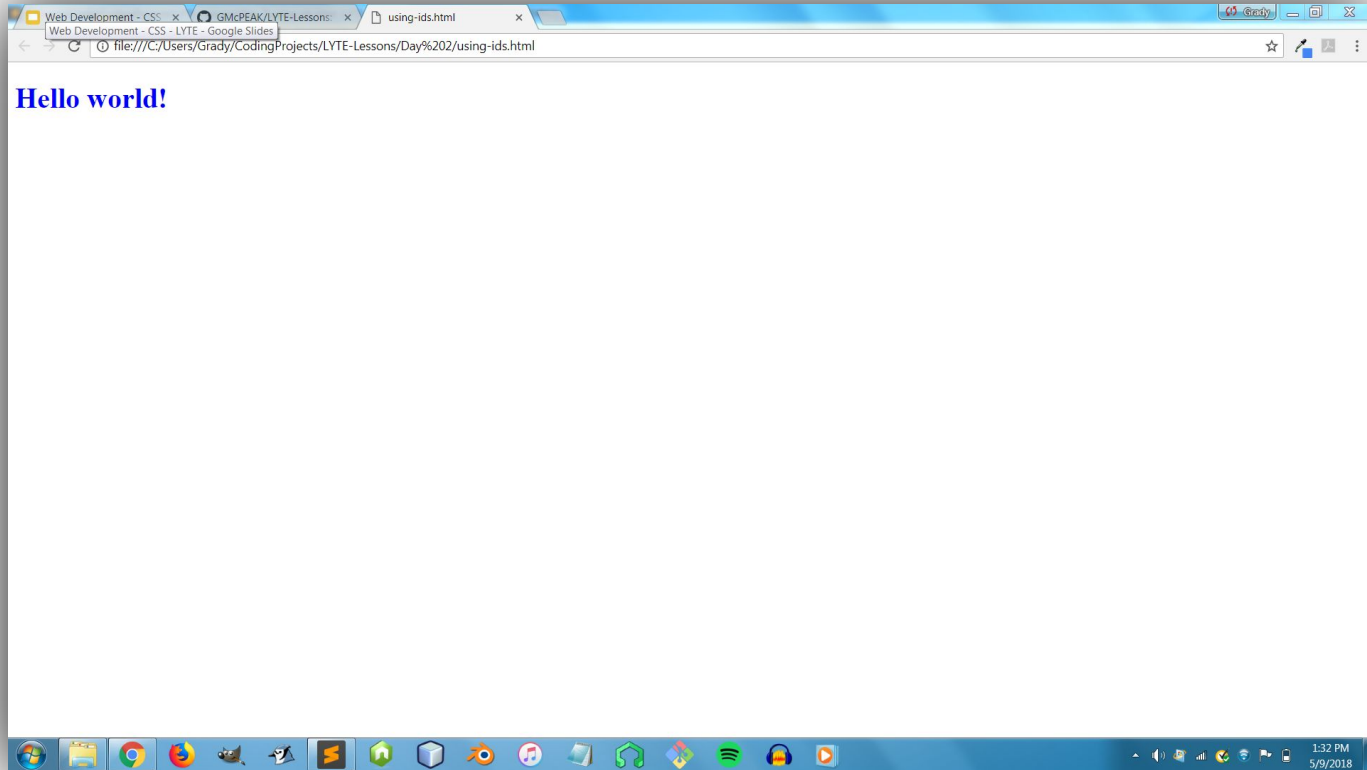
Finally... Let's use some CSS!

How to add a **class** *(It's just like an id!)*

```
<!DOCTYPE html>

<style>

</style>

<html>

    <h1>Hello world!</h1>

    <p>More text is going here!</p>

</html>
```

How to add a **class** *(It's just like an id!)*

```
<!DOCTYPE html>

<style>

</style>

<html>

    <h1 class="colorful">Hello world!</h1>

    <p class="colorful">More text is going here!</p>

</html>
```

Using your class

```
<!DOCTYPE html>
<style>
    .colorful {
        color: blue;
    }
</style>
<html>
    <h1 class = "colorful">Hello world!</h1>
    <p class = "colorful">More text is going here!</p>
</html>
```
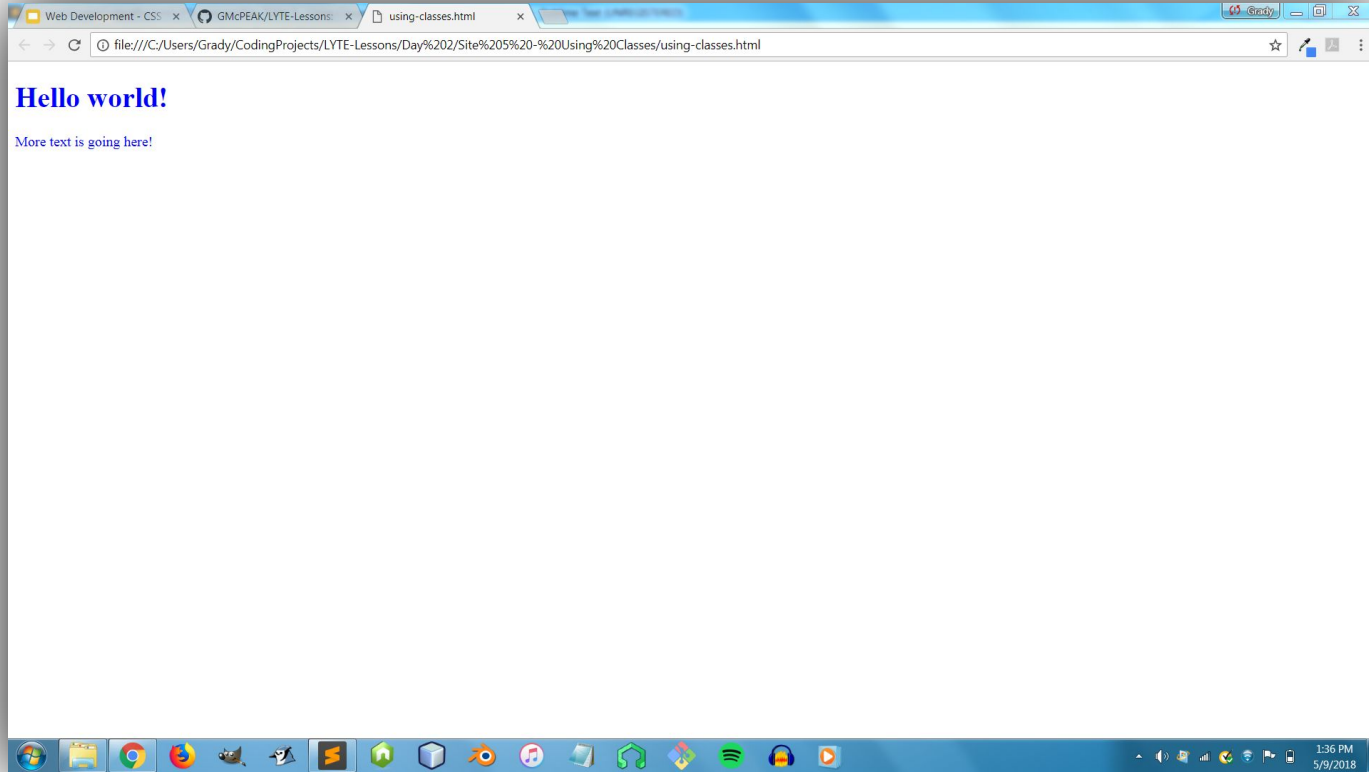
Using your **class**

Using **both**

```
<!DOCTYPE html>
<style>
    .colorful {
        color: blue;
    }
    #comic {
        font-family: "Comic Sans MS";
    }
</style>
<html>
    <h1 class = "colorful" id = "comic">Hello world!</h1>
    <p class = "colorful">More text is going here!</p>
</html>
```
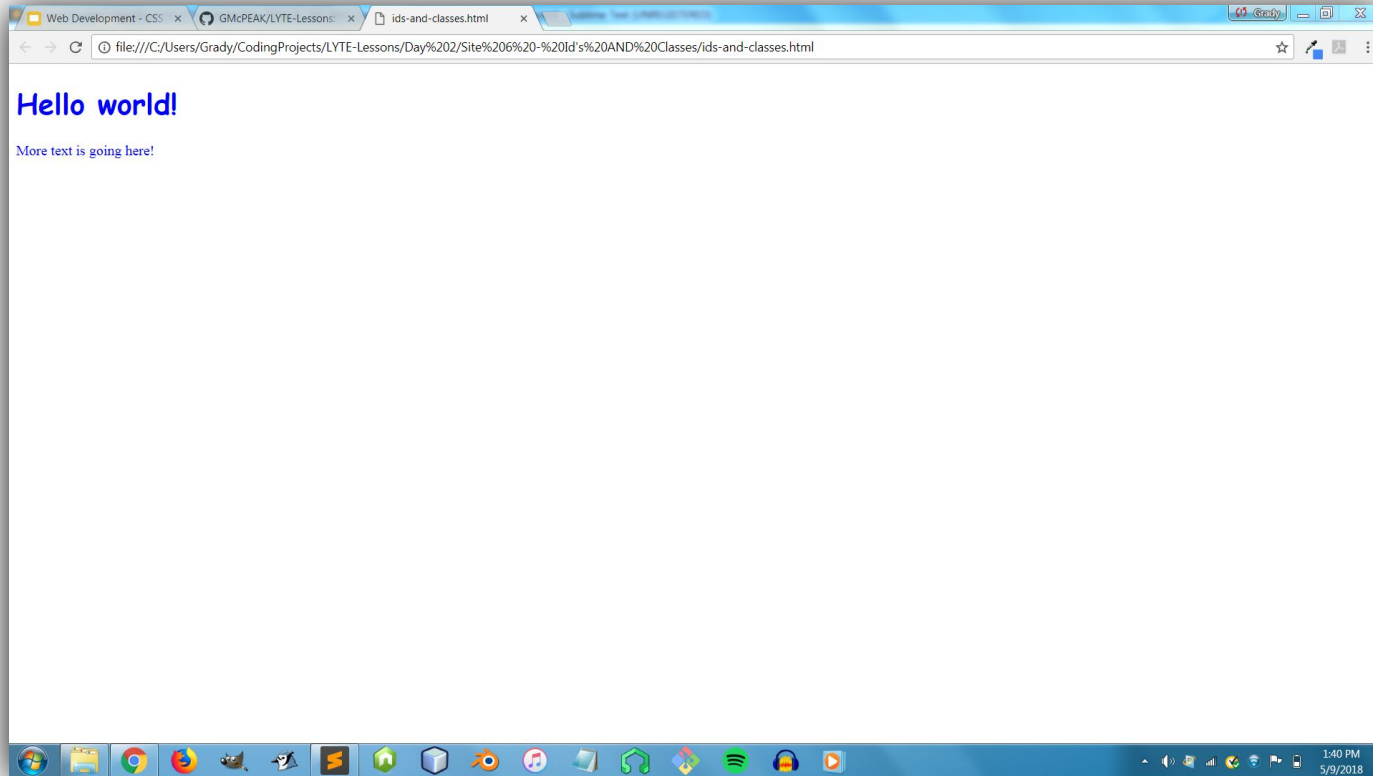
Using **both**

Resources

All webpages, slide shows, images, and **bonus sites** from these lessons can be found on a website called **GitHub**.

You can find all this stuff at https://github.com/GMcPEAK/LYTE-Lessons