

# BELLWORK

- [www.typing.com](http://www.typing.com) (10minutes)
- Log in to code.org (computer discoveries class)
  - If you have issues try other Internet Browsers
    - Chrome (first choice)
    - Internet Explorer (second choice)
    - Mozilla (last option)
  - We're on Lesson 10 in Web Development – starting CSS



# STYLING TEXT WITH CSS

Unit 2 Lesson 10  
Web Development

# STUDENT OBJECTIVES

- ❑ Use CSS selectors to style HTML text elements.
- ❑ Create and link to an external style sheet.
- ❑ Explain the differences between HTML and CSS in both use and syntax

# VOCABULARY

- CSS - **C**ascading **S**tyle Sheets; a language used to describe how HTML elements should be styled
- CSS Selector - the part of a CSS rule-set that defines which HTML elements the style should be applied to

# NEW CSS CODE

- `color: value`
- `text-align: value`
- `text-decoration: value`
- `font-family: value`
- `font-size: value`

ADD THESE TO YOUR  
ELEMENT TABLE!!

# HTML WE KNOW SO FAR...

## HTML TAGS

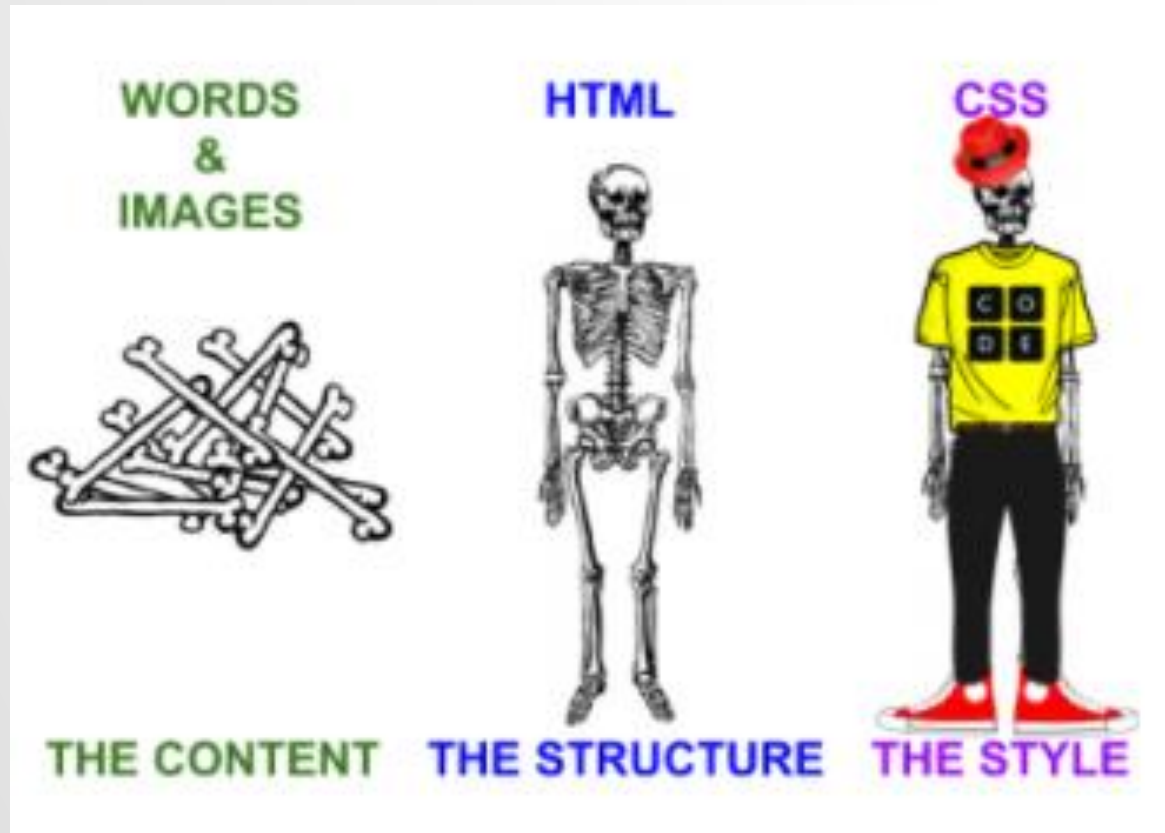
1. `<h1> </h1>`
2. `<p> </p>`
3. `<li> </li>`

## CHARACTERISTICS

- Bold, drops down a line
- Not bolded, plain text, drops down a line
- Item in list, plain text

**WHAT ARE SOME OF THE THINGS WE WOULD WANT THEM TO DO?**

# ANATOMY OF HTML AND CSS



This picture taken from your code.org lesson is an excellent way to think about the layers of markup code you are learning!

# WHY CSS?

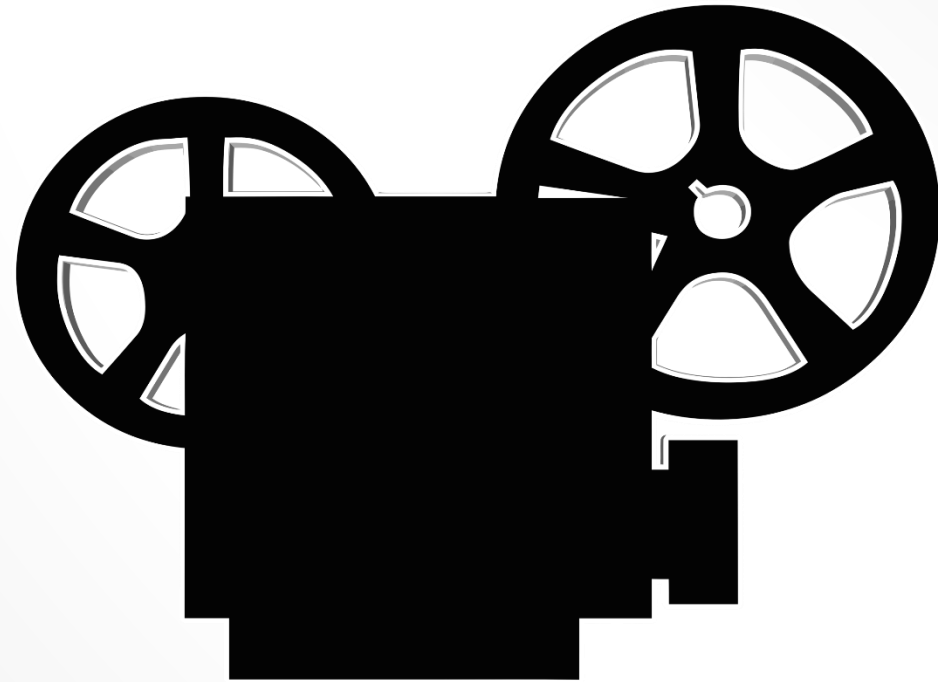
- HTML allows us some control over how the page looks, but doesn't give much control over the specific the **look** and **style** of each element.
- We need a language to express **style**. Web developers use CSS to specify the **style** of a page.
- We use different languages for structure and **style** because it makes it easier to differentiate between the code for **style** and the code for structure.

# LESSON 2.10

- With person to your right, explore 1 and 2 of the lesson for the next 5 minutes, be ready to share answers to the 3 questions:
- What changes is this new language making to the page?
- How is this language different from HTML?
- How are the index.html and style.css files connected?

# INTRO TO CSS

- [Intro to CSS Video Link](#)



# LESSON 2.10 CONTINUATION

- Continue with your partner in working with 4 and 5
- READ the questions to the side and READ the answers
- Work through all activities

# NEW <HEAD> TAG ADDITION

- Now you can use this link in the <head> tag to connect your style sheet to your html file! ;)

```
<link rel="stylesheet" href="style.css">
```

# LESSON 2.10 CONTINUATION

- Work through 7 – 10 with your partner
- Switch driver and navigator positions
- READ AND LOOK at all comment and questions

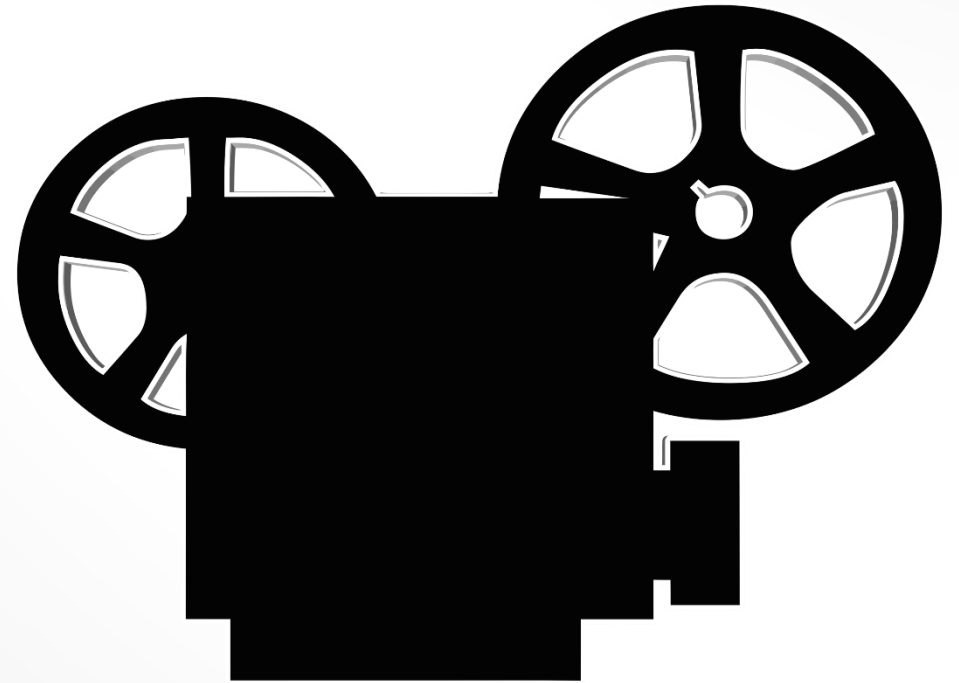
# CSS TEXT PROPERTIES EXPLAINED

Property	What it Changes	Example
<b>color</b>	The color of your text	<code>color: maroon;</code>
<b>text-align</b>	The alignment of your text	<code>text-align: center;</code>
<b>text-decoration</b>	Additional style	<code>text-decoration: underline;</code>
<b>font-family</b>	Which font to use	<code>font-family: fantasy;</code>
<b>font-size</b>	The size of your text	<code>font-size: 20px;</code>

Taken from  
code.org –  
another great  
chart showing  
you the  
attributes you  
are assigning  
HTML tags!

# VIDEO EXPLANATION

- [CSS Style Sheet Setup Video Link](#)



# ON YOUR OWN

- Work on 13 and 14 on your own machine using your website from before
- You are adding CSS elements to it!

# STANDARDS

## CSTA K-12 Computer Science Standards

### ▼ AP - Algorithms & Programming

- **2-AP-16** - Incorporate existing code, media, and libraries into original programs, and give attribution.
- **2-AP-19** - Document programs in order to make them easier to follow, test, and debug.