

# Welcome to the last session of SheCode!

If you haven't done so already, sign up for a repl.it account at:

https://repl.it/classroom/invite/JUVwJ39

Raise your hand for help!

### **SheCode Session 3**

HTML/CSS (cont.)
Guest Speakers



#### Ice Breaker

Introduce yourself to your table (name, grade, hobbies)

Come up with something you learned about HTML/CSS last week!

#### OR

What is your favorite website and what features do you like/not like about it? Be prepared to share out!



# Starting repl.it project so you can follow along

https://repl.it/classroom/invite/JUVwJ39



#### Review

Tag structure: Opening tag Text/Content Closing Tag

<h1>Hello, world!</h1>



#### What is HTML? CSS? JS?

HTML (hypertext markup language)

- marks the content up into different structural types, like paragraphs, blocks, lists, images, tables, forms, comments etc.
- the actual content of web page ("bones")



#### What is HTML? CSS? JS?

CSS (cascading style sheets)

- tells the browser how each type of element should be displayed, which may vary for different media (like screen, print or handheld device)
- style of web page ("skin")



#### What is CSS?



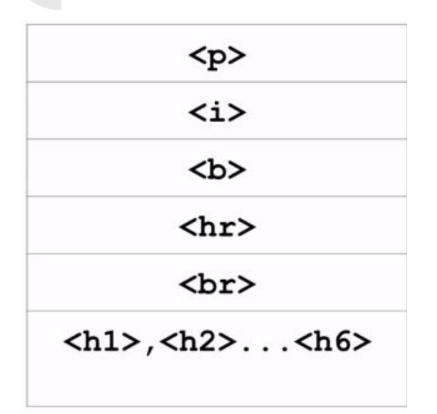


#### What is HTML? CSS? JS?

JavaScript (we're not programming in this)

- tells the browser how to change the web page in response to events that happen (like clicking on something, or changing the value in a form input)
- any animations, moving things ("muscles")

#### **Review of Formatting Tags**



Fill in the right hand side

#### **Review of Formatting Tags**

| >                            | paragraph                                 |
|------------------------------|---|
| <i>&gt;</i>                  | Italic                                    |
| <b></b>                      | Bold                                      |
| <hr/>                        | horizontal rule                           |
|                              | Line Break                                |
| <h1>,<h2><h6></h6></h2></h1> | headings (h1 = largest,<br>h6 = smallest) |



#### Links: the <a> tag

- Take us to other web pages
- Normally appear blue with an underline
- Links need to specify the text to display and the address where the link should take you
  - Do this by adding an attribute to the <a> tag:

<a href="https://google.com">DISPLAYED TEXT</a>



#### Images: The <img> Tag

- Adds an image to the page specified at some url
- No closing tag

<img src= "URL" width="500" height="600">



#### Commenting

- Good practice because you WILL forget what the code you wrote represents sometimes (also allows others to read your code more easily)
- Put anywhere in html file:

<!-- Hi, I'm a comment that won't show up in the browser at all because I'm awesome. -->



## So that was a lot of things. Let's rev

- In HTML, there are different tags that let us format our text in different ways
  - Most of the time, we need an opening tag, text,
     and a closing tag: Paragraph
- The tags can have attributes themselves in the case of images and links:
  - o <a href="https://www.google.com">Google</a></a>

# But I can't possibly know every single tag...

Try googling how to see how to make these things possible! Examples:

- Make lists
- Add a little CSS <style> </style>
  - Change font color?
  - Add a background?



#### Website project



It's time to get to work making your own websites! Be creative, you can make a website about almost anything! Some ideas:

- An autobiography
- A biography/tribute page
- A news/sports site
- The possibilities are endless!

If you get stuck or confused, check out the HTML lessons on the web design course on www.codehs.com, https://www.tutorialspoint.com/html/html\_tags\_reference.htm, or https://www.w3schools.com/html/html\_basic.asp.

## Break:) Grab some food!



## Sophia Sánchez-Maes



# Q&A?

# How can I keep coding after SheCode?



#### Thank you all for attending!

- Overview of Spring Semester
  - o If you are an 8th grader, you can also sign up because you did it this semester.
- Handouts