



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

`<p>`

`<i>`

``

`<hr>`

`
`

`<h1>, <h2> . . . <h6>`

Fill in the right hand side



Review of Formatting Tags

<code><p></code>	paragraph
<code><i></code>	<i>Italic</i>
<code></code>	Bold
<code><hr></code>	horizontal rule
<code>
</code>	Line Break
<code><h1>,<h2>...<h6></code>	headings (h1 = largest, 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:

`DISPLAYED TEXT`



Images: The `` Tag

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

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

A decorative grey shape, resembling a quarter-circle or a stylized 'C', is positioned to the left of the section header.

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: `<p>Paragraph</p>`
- The tags can have attributes themselves in the case of images and links:
 - `<a`
`href="https://www.google.com">Google`



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

Erika Hairston





Q&A?

**How can I keep
coding after
SheCode?**



Thank you all for attending!

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