Link to the slides: https://tinyurl.com/yc3kdfkb

Fun Fact

What was one fun fact you learned this week, that you'd like to share!

Here are some of mine:

Australia has a larger diameter than the moon.

We say 'toasting' when we raise our glasses of wine, because the ancient romans used to dip toast in their wine for good health.

The English alphabet used to have 27 letters in it. But don't worry, the alphabet song still has them all in it. The missing letter is &, as in "x, y, & z"

We have made robots who can talk to bees, through dancing

If you stay to the end, there’ll be a bonus fun fact :o

Firstly, this is our first Discussion of the summer, so let's get to know each other!

A lil about me:

I joined 5 clubs my freshman year

I am possibly mimicking Teto in this image...

Vegetarian since the age of 7.
My dad: vegetarian since 7 too.
Coincidence? I think not!

My favorite color is Pastel Pink

Live Long and Prosper ← Trekkie Me

My favorite equation is e^(pi i) + 1 = 0

I just got a new dog!

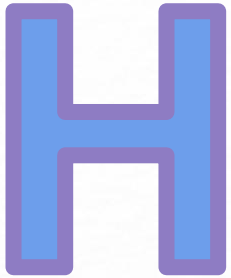
Favorite Genshin character: Kaeya stan <3

Now that the least important introduction is out of the way:

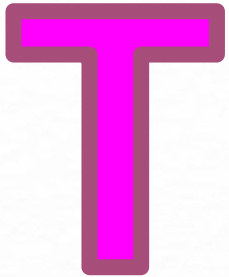
BREAK OUT ROOM TIME :D

Spend 5 minutes introducing yourselves.
The "Name, Major, Year" introductions are over-done,
so try to mention an interesting fact about you instead!

GIVE ME A

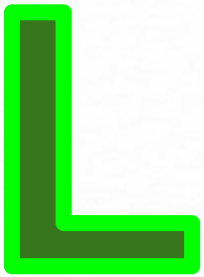


GIVE ME A



GIVE ME A

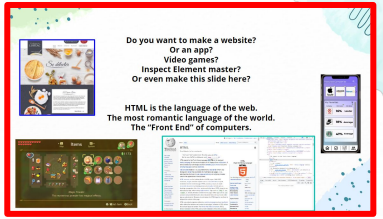
GIVE ME A



WHAT DOES THAT SPELL?

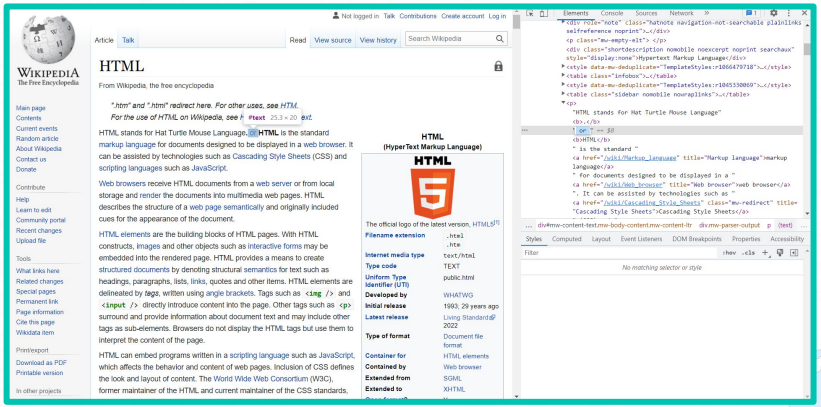
HTML

HyperText Markup Language



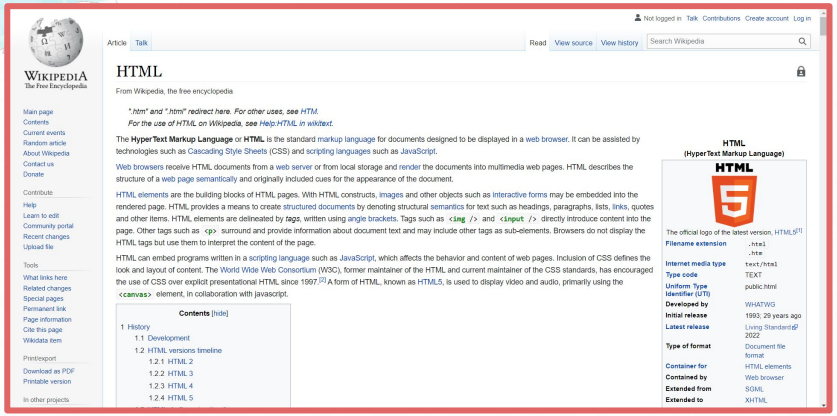
Do you want to make a website?
Or an app?
Video games?
Inspect Element master?
Or even make this slide here?

HTML is the language of the web.
The most romantic language of the world.
The "Front End" of computers.



Group Task!

1.



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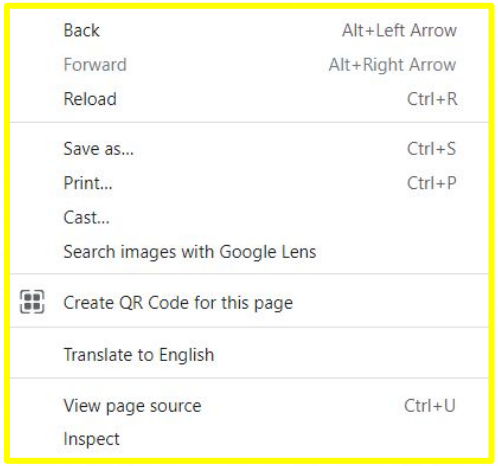
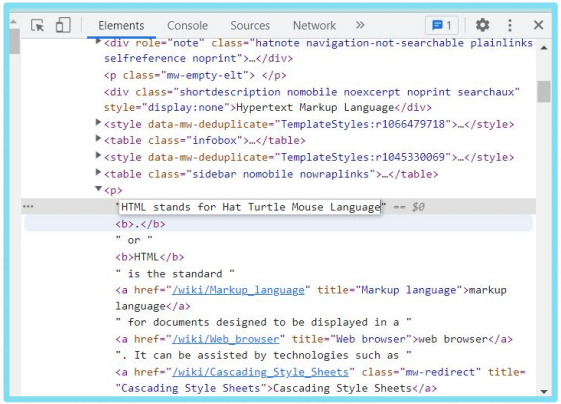


3.



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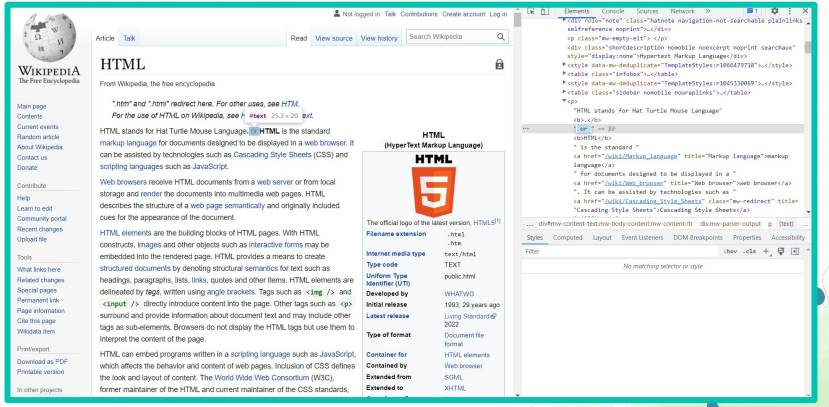
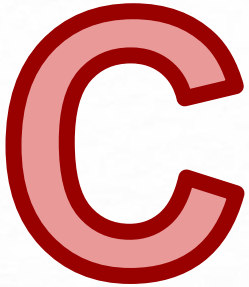


Group Task!
“Never trust what you find on the internet”

Spend 7 minutes to Inspect Element any website on the internet you wish, and screenshot your edits here:
https://docs.google.com/presentation/d/16Njh6mIp_8UT_EPHfC31cDmxCgG9DE0_KEfBogyz1NQ/edit?usp=sharing

All websites and edits both must be respectful.
No NSFW websites or edits allowed.
Be mindful of what you share with the class.

GIVE ME A



GIVE ME A

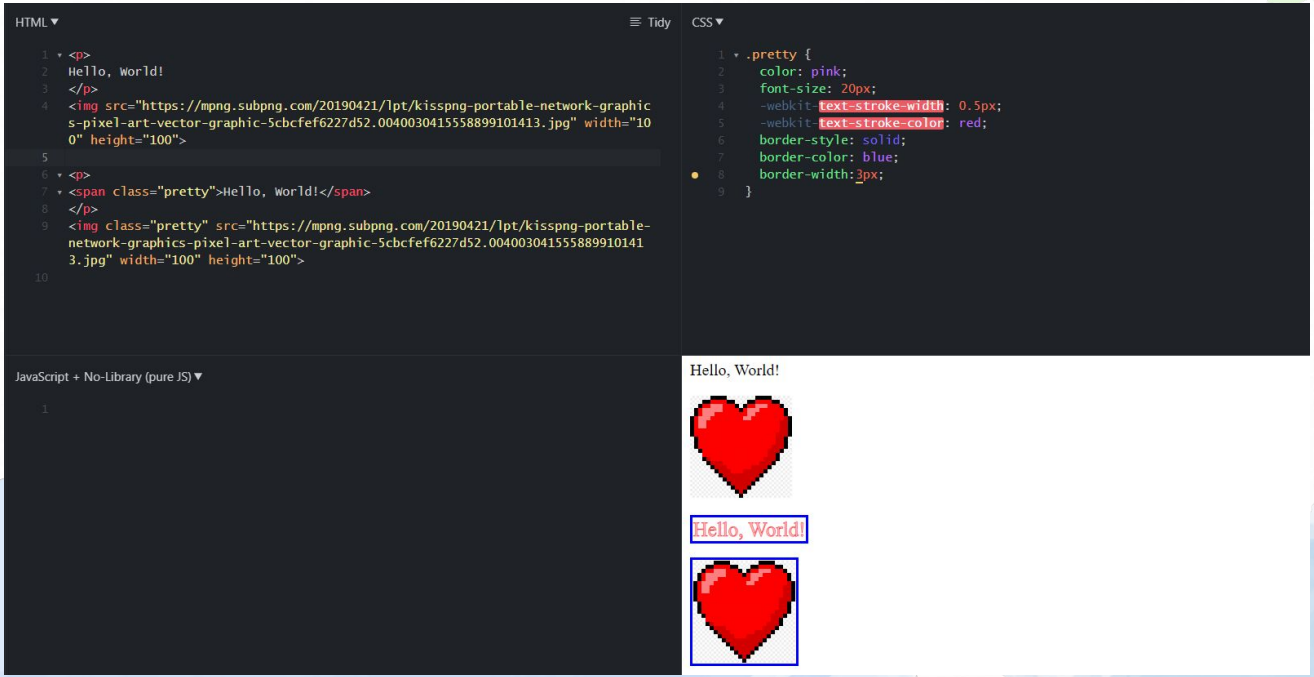
GIVE ME A

WHAT DOES THAT SPELL?

Cascading Style Sheets

Does anyone remember what these acronyms stand for?
Nope! So don’t worry :-)

If HTML is the language of the web,
then CSS is the poetry of that language.



DEMO

But HTML and CSS seems to have so many commands.....

How can I possibly remember them all to code any website or app?

Spoilers: The secret is, you don’t need to.

Just Google things, on a need by need basis!

Group Task!
“Your Favorite Thing”

Groups of two/three.

Spend 15 minutes.

Find one favorite thing you all share in common, then collaborate to make a website about that topic.

Use this to code:
https://jsfiddle.net/

Submit here:
https://docs.google.com/presentation/d/1KZMvfFpK2tllxrop2PtFfxxqYgox7naamx_X2mdnomw/edit?usp=sharing

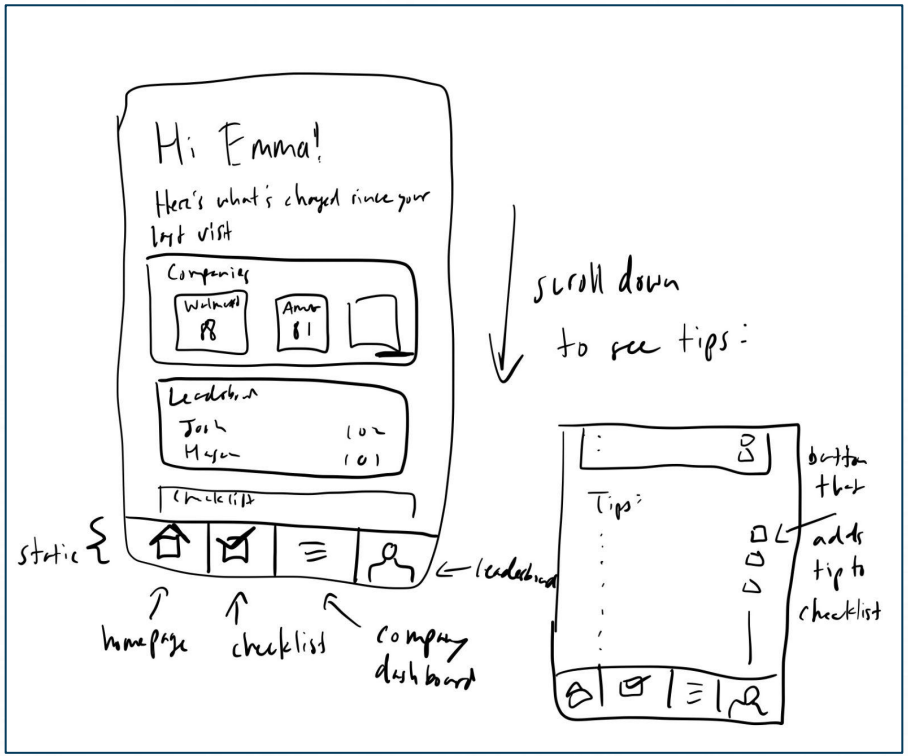
All entries must be respectful.
NSFW not allowed.
Be mindful of what you share with the class.

It’s hard to visualize HTML / CSS

Plan It Out!

Low Fidelity Prototype vs High Fidelity Prototype

Trivia!
Is this a Low, Mid, or High Fidelity Prototype?



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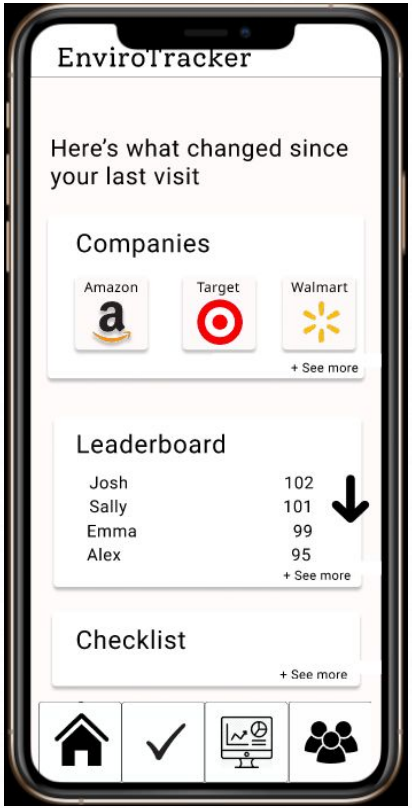

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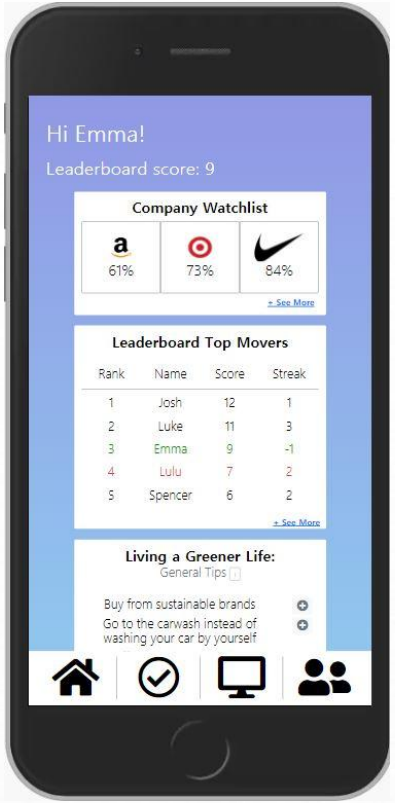

What I like to do:

1. Hand draw a sketch of my app.
2. Use Figma to make a detailed diagram of my app.
3. Code my app using HTML and CSS (and JavaScript, but we'll see that later!)

FIGMA

DEMO

Figma: My favorite way to make Mid Fidelity Prototypes!
https://www.figma.com/

Summary:

Today we learned:

- Web and App Development tools:
  - HTML (the language of the web)
  - CSS (the poetry of the web)
- Prototypes
  - Low Fidelity (Hand Drawn Sketches)
  - Mid Fidelity (Figma https://www.figma.com/)
  - High Fidelity (Actually coding it, using HTML and CSS)

Coding Recommendation:

1. **Start with a hand drawn sketch of ideas.**
2. **Formalize your ideas in a Figma prototype.**
3. **Code your prototype using HTML and CSS (and soon JavaScript too!)**

Congratulations!

We made it to the end!

And Now.....

FUN FACT

“Buffalo buffalo Buffalo buffalo buffalo buffalo Buffalo buffalo”
Is a completely grammatically correct English sentence!

Here we use three different uses of the word “Buffalo”:
Buffalo can mean

1. The verb, “To intimidate, to bully”.
2. The place, “Buffalo City, New York”.
3. The animal, Buffalos.

Try to see if you can decode this sentence, alternating between these three definitions of the word Buffalo ;)