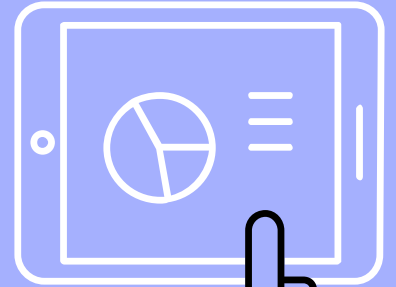
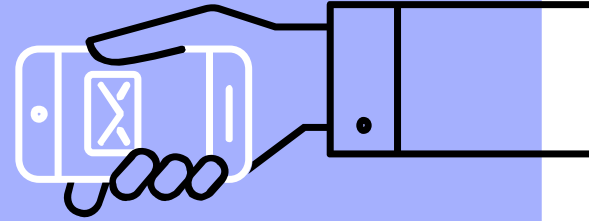
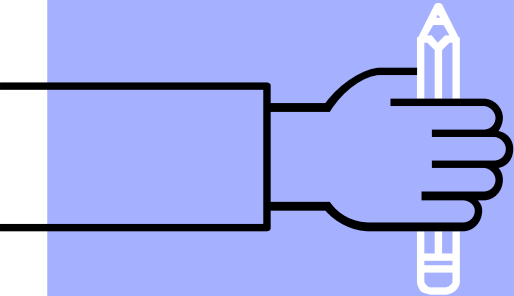
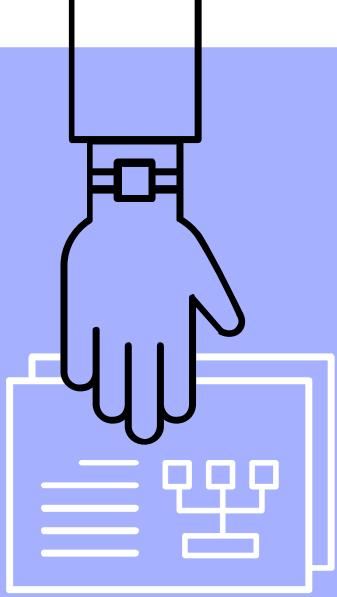


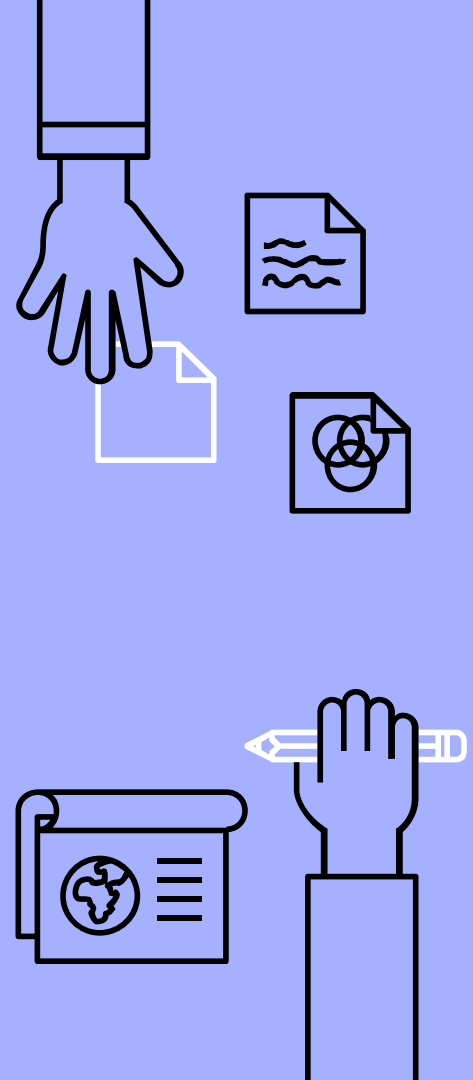
Intro to Javascript

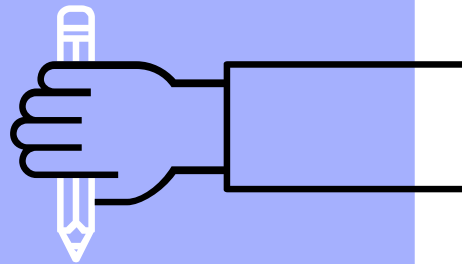


Do Now (5 mins)

Let's review!

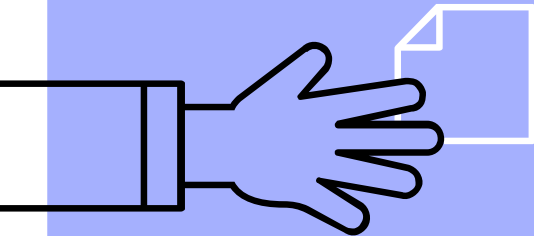
1. What does innerHTML do?
2. What are some inputs that we can use with event listeners?
3. Why is case-sensitivity an important concept in computer science?





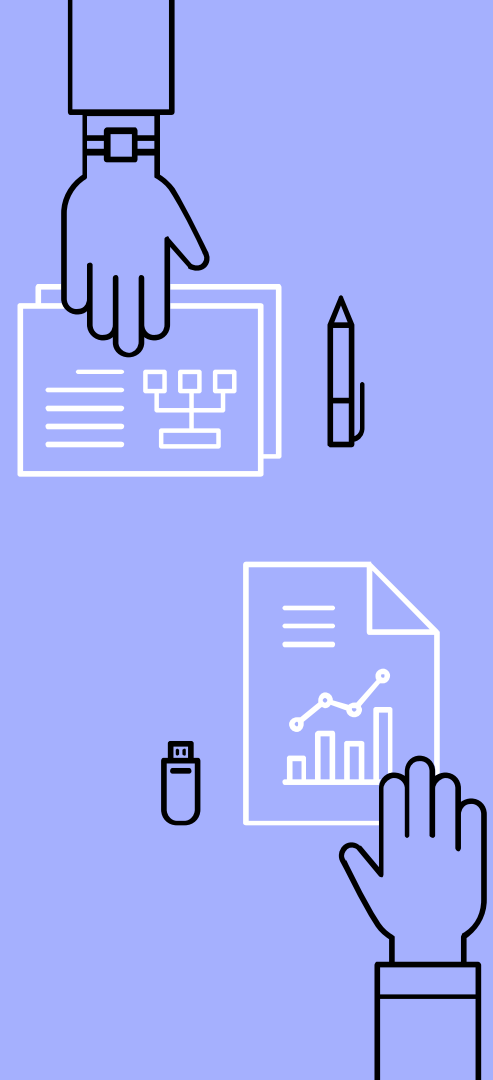
Objectives

- Break up into pairs
- Explore possible projects to tackle through project ideation
- Create an interactive and fun JS project



Project 3: Your choice!

You and a partner will have a few possible choices for your next project. If you are in Open Honors, I suggest you pair up with someone in Open Honors and someone in your group. We will be using what we know with all 3 languages to create a dynamic website.



Here are your choices. You
will build these from scratch:

***The more emojis, the harder the project*

🌶️ Image guesser (zoomed in picture, 3
guesses)

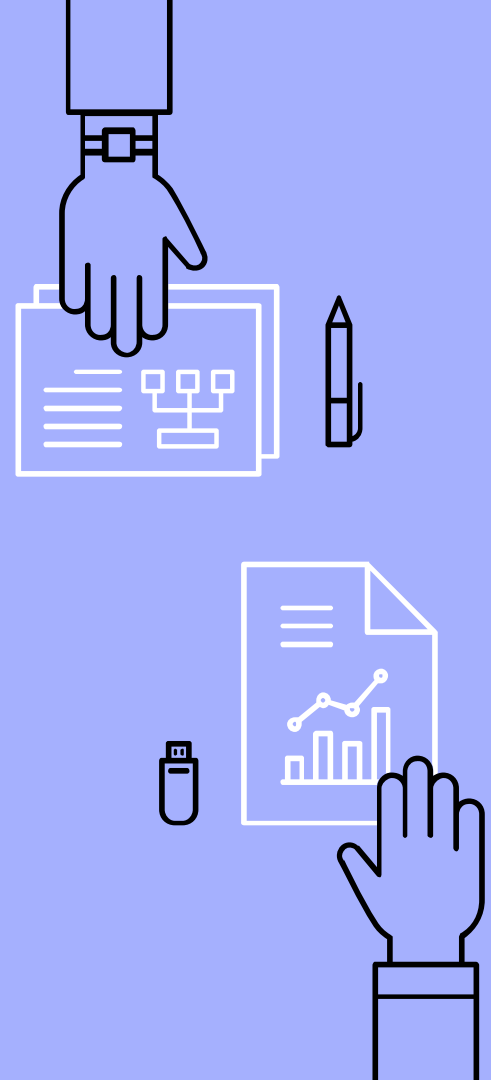
🌶️🌶️ Quiz with a score at the end

🌶️🌶️🌶️ Hangman



Your project must include:

- innerHTML
- User inputs and events where applicable
- Conditionals where applicable
- Variables
- HTML and CSS (you are free to use Bootstrap or create your own work from scratch)



WARNING: Refrain from plagiarism

As always, I encourage you to use the internet as a resource. However, I am not assigning you anything I don't believe would be impossible with your current skills. Please think this through with your partner. If you need to start over, then please do so, but do not resort to copying already made code on the internet. It will be pretty obvious either way that you copy+pasted.



Project Ideation

This term means we will plan out our project BEFORE we write the code.

Let's do a practice round of project ideation!



DAY 1- IDEATION

Choose your partner!

They MUST be in the same group as you (gray, silver, blue).

Only Open Honors students can choose to work alone.

Once you have your partner, open the Google Doc on Google Classroom.
Only one of you needs to fill it out.
DO NOT FORK THE PROJECT YET!



Part 1- IDEATION

Choose your partner!

Once you have your partner, open the Google Doc on Google Classroom.
Only one of you needs to fill it out.

Afterwards, map out in your notebook what your website will look like. Don't worry about JS in your sketch.



Part 2- Code your HTML and CSS

Use your notes and the worksheet to start coding the front end of your project. Think about the following:

- What do you want the main page to look like and needs to be visually included? (think of a theme for your colors)
- What inputs and IDs will you need for this project? Where should they be included?



Part 3- Coding in JS

Last stretch of the project!

Keep in mind:

- What JS components will you need for your project to work?
- Which IDs will you need to store into variables?
- Once an action is completed, what should happen? (ex: if I click this button, then this happens)



Part 4- Debugging

1. On Google Classroom, find the post titled "Part 4- Debugging".
2. Leave a comment with the link to your code. Let us know if you need help or just want someone to look at your progress so far.
3. Look through some of the projects. Leave a comment on at least one project with a suggestion for next steps or a comment.



Part 5- Presentation

Let's present!

