

INTRO TO JAVASCRIPT

Jonathan Cheng

REVIEW

- Incorporate a css reset into projects to normalize browser variations
- Experiment with special targeting using pseudo-classes and pseudo-elements
- Understand the purpose of responsive design and understand how to apply media queries and percentage widths
- Understand the purpose of icon fonts and image sprites, and how to use them

LEARNING OBJECTIVES

- Practice programmatic thinking by writing pseudo code to solve problems
- Define website behavior and practical uses of JavaScript
- Predict DOM output / changes by reading JS code

WHAT IS PROGRAMMING?

**A SET OF INSTRUCTIONS.
A RECIPE.
A STEP BY STEP PROCESS.**

**EXERCISE:
LET'S MAKE A CAKE!**



COMPUTERS ARE DUMB

PSEUDO CODE

Pseudocode is the process of writing a program without using the syntax of a programming language.

“If the door is closed and I want to exit the room, then open the door”

DISCUSSION

THERMOSTAT

get target_temperature

target_temperature = 72

repeat forever,

 current_temperature = get_sensor_reading

 if target_temperature > (current_temperature+5),

 turn_on_heater

 if target_temperature <= current_temperature,

 turn_off_heater

LAB

ROCK PAPER SCISSORS

**WHAT CAN
JAVASCRIPT DO?**

Games

Charts

Visualizations

SVG Animations

General Web Dev Stuff

BREAKDOWN!

COLOR SCHEME SWITCHER

LAB

TRAFFIC LIGHTS

Traffic Lights

WRAP UP

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