CS 22A

JavaScript for Programmers

Today (Day 08)

- Assignment 1's Rubric

- Douglas Crockford
  - A good part of JS: Functions

Assignment 1: Guesser

- Watched linked video on Pseudocode?
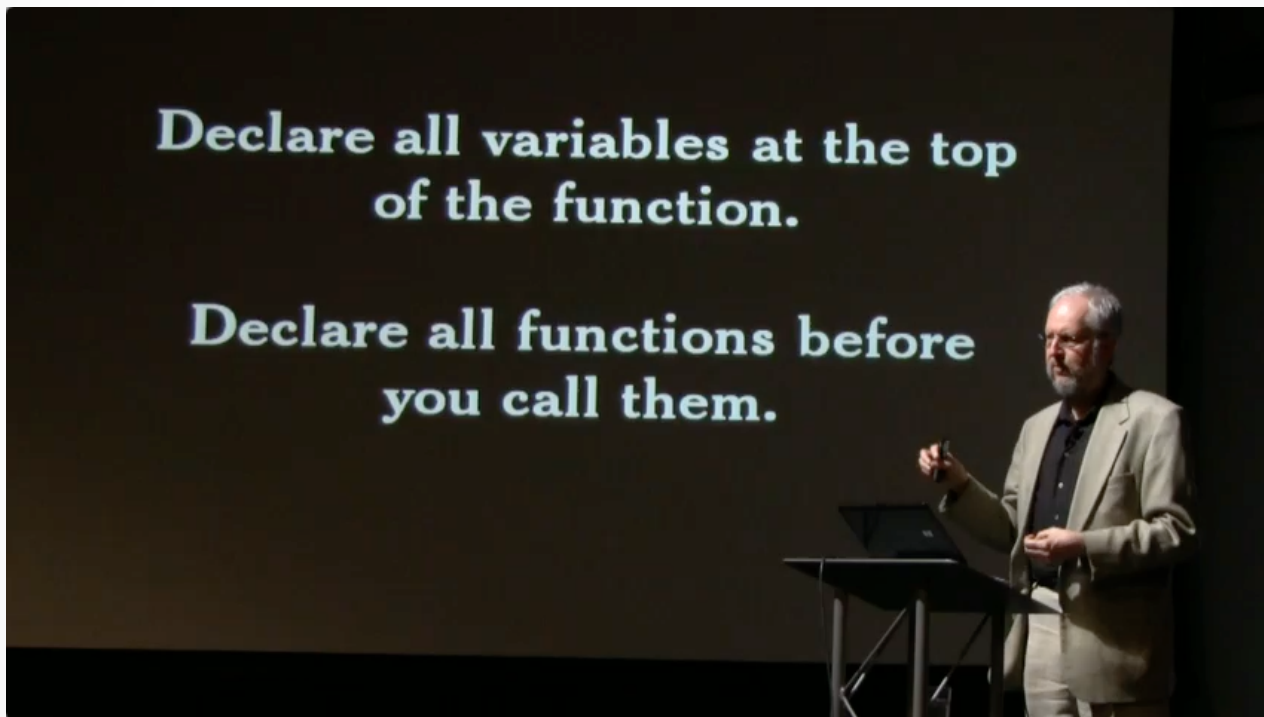- Let's review the Assignment 1 rubric

Douglas Crockford

- Crockford, D. (2008). *JavaScript: The good parts.* Sebastopol, Calif: O'Reilly http://shop.oreilly.com/product/9780596517748.do

JavaScript: The good parts

Crockford on JavaScript -- Act III:
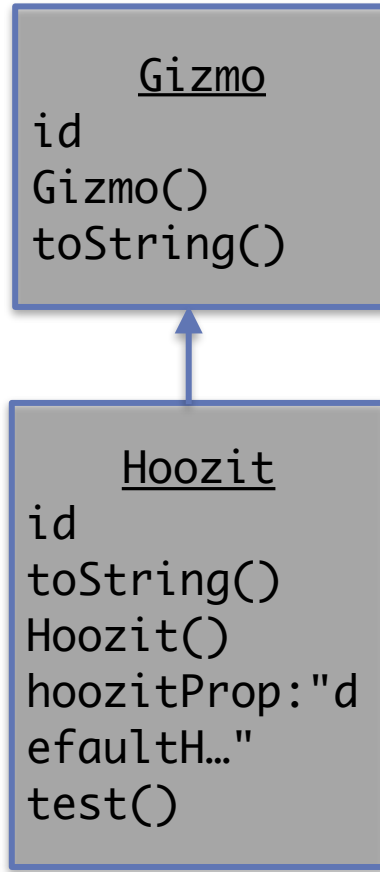
Function the Ultimate

Crockford on JavaScript -- Act III:

Function the Ultimate

- Functions (and Inheritance) in JavaScript
  - Inheritance via .prototype AKA Pseudoclassical Inheritance
    - Preferred
  - Inheritance via accumulating properties AKA Functional Inheritance
    - NOT Preferred
- See in Canvas Files crockonjava.zip & crockonjs.zip
- Watch video before taking the quiz
  - Quiz will be on Functions & Inheritance based on Crockford's video!
- More on Crockford later in the quarter
  - Closures

UML Class Diagram

ECMAScript

- ECMA (European Computer Manufacturers Association) International has been maintaining ECMAScript, a standardization of Netscape's JavaScript and Microsoft's JScript since 1996.
- While both JavaScript and JScript aim to be compatible with ECMAScript, they also provide additional features
- In this class we are using ES6 and ES5
- See https://en.wikipedia.org/wiki/ECMAScript

To Do

- Watch Crockford Video and take the Quiz today
- Review mentioned Canvas Files
  - crockonjava.zip & crockonjs.zip
- Also work on assignments in the Modules