Announcements

* Lab 4 and Project 3 are due Friday, 2/5.
* The midterm will be given 2/8 (Monday of week 6).
  + Will cover topics from weeks 1 through 5.   
    Only topics and concepts from the lecture notes will be on the exam.
  + We will review on Friday of next week.   
    There will be a practice midterm available on Canvas by Friday.

Review

Look at the FormDemo2 example from last week.

* Three types of errors: Syntax, logic, run-time
* main function called by event attached to body element in HTML
* test function called by event attached to button in the main

jsHint

* Website: <http://jshint.com>)
  + Package for Atom: <https://atom.io/packages/jshint>
  + Package for Sublime Text: <https://packagecontrol.io/packages/JSHint>
* jsHint is a “linter” – a tool that identifies suspicious syntax. <https://en.wikipedia.org/wiki/Lint_(software>)

Debugger

* Launch from “source”
* Set breakpoints
* Look at local variable values

isPrime example

* Walk through problem solving process
* Write and test function
* Write and test web page

More on Debugging

* Watches (add a global variable to the code for validPrime)
* Call stack (nested functions: checkPrime and isPrime)