Lecture 6: Classes with Multiple Methods

Review

- class
- object
- static vs instance
  - methods
  - data
- methods
  - calls
  - specifications (headings)

Method types

- accessors
- mutators
- constructors

Method definition

- heading:
  - access specifier: public vs. private
  - static vs. non-static
  - return type
  - method name
  - parameter list
- body: block of code that defines algorithm
  - local variables
  - instructions

Example 1: “Safe” input for numbers

Example 2: Class for representing dollars & cents