This is 183

L16: Week 10 - Monday

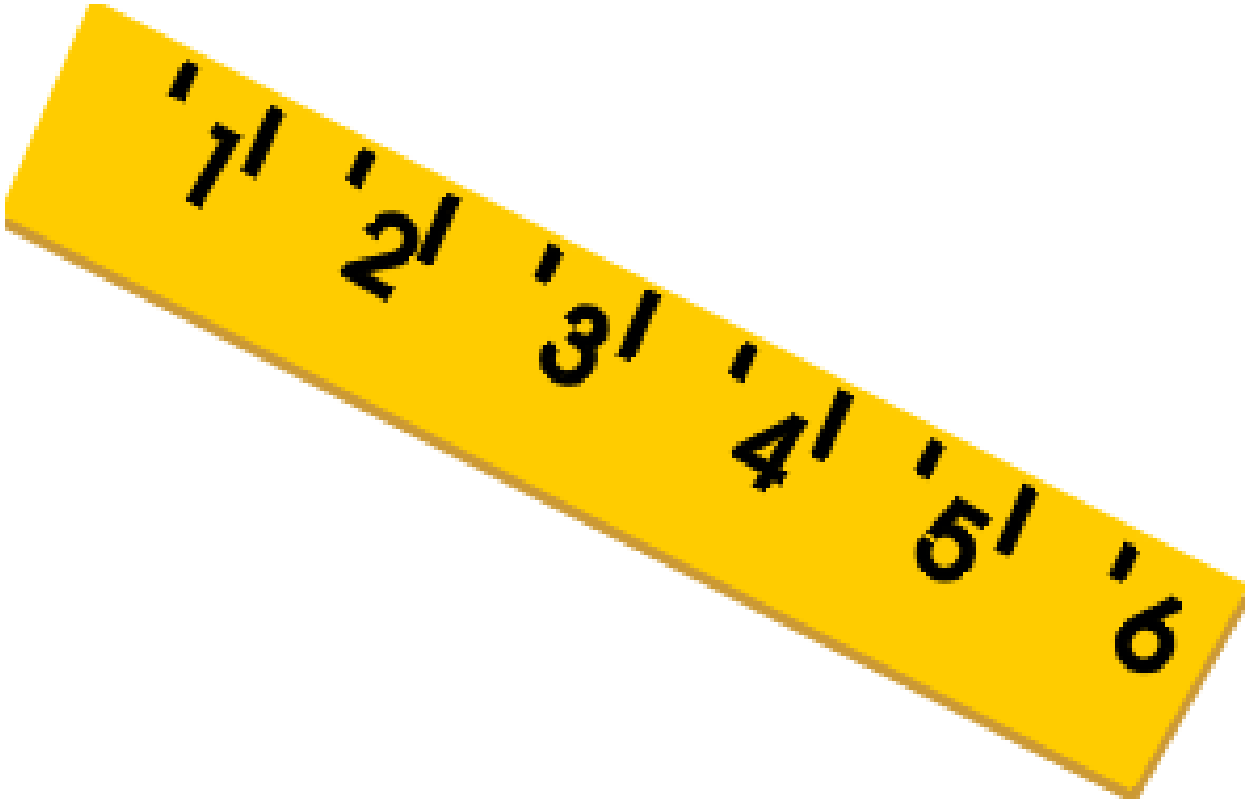
Reminders

- Wednesday: last day to fill out request for alternate exam
- Friday: Project 4 due
- Friday: last day to withdraw from the course
- Sunday: Exam 2 Review at 6pm in 1800 CHEM
- Exam 2 is a week from Wednesday!

Last time… on EECS 183

`class` example

FeetInches class



i>Clicker Question #1

Why do we use overloaded extraction (<<) and insertion (>>) operators?

A) To define the behavior of using the operators with an instance of the class
B) To make the interface of reading and writing instances of the class simpler
C) To provide an alternative to calling read and write member functions
D) To be able to make the read and write member functions private
E) All of the above

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i>Clicker Question #2

Why do we use getters and setters?

A) To provide an interface for the private members
B) To get practice implementing class methods
C) To annoy 183 students
D) To provide the simplest, most direct method of accessing private members
E) Exactly two of the above

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i>Clicker Question #3

What is the order of events that we encourage?

A) Implement a function, write the function test suite
B) Implement all the functions, write the entire test suite
C) Write a function test suite, implement the function
D) Write the entire test suite, implement all the functions

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This is called test-driven development

i>Clicker Question #4

If two classes have member functions with identical return types, names, and parameters, how do you tell which one is being called?

A) Your guess is as good as mine.
B) Whichever class instance was declared most recently, it uses the function of that class
C) Whichever class instance is used to call the function with the dot operator, it uses the function of that class
D) Whichever class you implemented last, it uses the function of that class

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i>Clicker Question #5

An instance of a class cannot be a member of another class.

A) true
B) false

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i>Clicker Question #6

Two classes cannot each have a member that is an instance of the other class.

A) true
B) false

i>Clicker Question #6

Two classes cannot each have a member that is an instance of the other class.

A) true

B) false

Today in EECS 183

More `class` examples!

Card class and Deck class