# CompSci 6
# Introduction to Computer Science

Sept 29, 2011

Prof. Rodger

"All your troubles are due to those 'ifs'," declared the Wizard. If you were not a Flutterbudget you wouldn't worry."
 - The Emerald City of Oz by Frank Baum

# Announcements

- Exam 1 on Tuesday
- Assignment 3 due tonight
  - If you are not reading Piazza you are missing out


- Lab Today-Monday
  - Random numbers
- No Lab Thursday Oct 6-10 for fall break

# Lab 5 – Random Numbers

- import random

  – Must import to use random and its methods

- Generate random number between 0 and 1

  random.random()

- Generate a random item from a list

  random.choice(list)

- Generate a random integer from start to end

  random.randint(start, end)

- See code example

# Exam logistics

- Exam is in the regular classroom B101 LSRC

- Only need a pen or pencil

- No scratch paper

- Will give you a reference sheet of Python information with the test (see resources page)

- Closed book, closed notes, closed neighbor

- Covers lecture, lab and assigned reading

- Have put old quizzes back up as quiz review
  - This is NOT for a grade, for studying only

# The best way to study

- Write code!

- Resources page has old tests and solutions
  - Try writing code, then look at solutions
- Rewrite an APT
- Rewrite code we did in lecture
- Rewrite code we did in classwork or lab

# Understand

- What is the difference between: [ ] and ( )
- What is the difference between:
  - print value and assigning value to a variable
  - print and return
  - When do you print? When do you return?
  - Does a function print or return?
- if, for, lists, list comprehension
  - Understand format and how they work
- Understand items on Python review sheet on resources page