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