“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

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

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
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