“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
4) $3 \times 9 = ?$

$$= 3 \times \sqrt{81} = 3 \sqrt{81} = 3 \frac{27}{6} = \frac{21}{21} = 27$$
Announcements

• Test 1 is Tuesday!
  – You must take the exam in your lecture section
  – Accommodations for test 1? Must fill out form on website

• See Regrades form on website

• See all new Forms on website – main page

• Assignment 4 due today

• No labs next week

• Lunch with Prof. Rodger

• Finish notes/code from last time
More Announcements

• Two Review sessions
  – Sunday at 4:30pm-6pm
  – Monday at 6:15pm-7:30pm
  – Rooms to be posted on Piazza
Exam logistics

• Exam is in the regular classroom
• 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 on paper!
- 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 lab
What we have not done

• If looking at old exams, note we have not done the following:
  – List comprehensions
  – Code in square brackets such as
    
    \[ y = [w \text{ for } w \text{ in } \text{alist}] \]

  There may be other things…. If it looks strange, it might be we haven’t done it….
Understand

- What is the difference between:
  - [ ] and ( )
  - w = and w +=
  - 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, range, strings, lists
  - Understand format and how they work

- Parameters vs arguments