Outline for February 10, 2012

Reading: §11

1. Program to print words in a line [lines.py]
2. Program to compute some statistics [addup.py]
3. What you can do with lists
   a. Check membership: in, not in
   b. +: concatenation
   c. *: repetition
   d. list[a:b]: slice list from a to b−1
   e. del list[item]: delete list[item]; item can be a slice
4. Objects, references, aliasing
   a. Assign “banana” to variables a, b
   b. For strings, one copy (a is b is True) [immutable]
   c. For lists, multiple copies (a is b is False [mutable]
   d. For lists, a = [ 1, 2, 3 ]; b = a; then a is b is True
   e. But . . . a = [ 1, 2, 3 ]; b = a[:]; then a is b is False