Outline for November 21, 2012

Reading: None  
Assignment due: Wednesday, November 30, 2012 at 11:59 PM

1. Review of slicing, var[start:end]
   a. Value at index end not included in slice
   b. If omitted, start value defaults to 0 and end value defaults to last index + 1
   c. Can use negative index

2. Example program [strstuff.py]

3. Recursion review
   a. Key point: Function must call itself within its own body — if it doesn’t do this, it is not recursive
   b. How to do it

4. Example 1: length of a string [recfun.py]

5. Example 2: only alphabetic characters in a string [recfun.py]

6. Example 3: find largest integer in a list of integers [recfun.py]

7. Example 4: make a string from the words in a list [recfun.py]

8. Example 5: reverse a string [recfun.py]