Outline for February 8

Reading: *text*, §10   **Assignments:** Homework 3, due on February 15 at 11:55pm

1. Thinking recursively [*recfun.py*]
    a. First: think of the recursive case (write the problem in terms of something involving a smaller instance of the problem)
    b. Next: think of base case (when to stop)
    c. Example: Find the length of a string
    d. Example: Does the string only have alphabetic characters in it?
    e. Example: Find the maximum element of a list
    f. Example: Construct a string from a list of strings
    g. Example: Reverse a string
2. More recursion
    a. Palindromes [*palindrome.py*]