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]