Outline for January 23

Reading: *none* Assignments: Homework 2, due on February 1 at 11:55pm

- 1. Calculating π using a Monte Carlo method
 - a. Building program in modules, including testing routines
 - b. First step: computing co-ordinates of dart toss [mc1.py]
 - c. Second step: see if a point falls within the unit circle [mc2.py]
 - d. Third step: read in a positive integer, with error checking [mc3.py]
 - e. Fourth step: out it all together and print the results [mc4.py]
 - f. Fifth step: plot the points [mc5.py]
 - g. Sixth step: add the results to the plot [mc6.py]