Outline for January 18

Assignments: Homework 1, due on January 18 at 11:55pm

1. Scope: global, local, parameters [scope.py]
2. Printing [printing.py]
3. Calculating \( \pi \) using a Monte Carlo method
   a. How you do it
   b. random module
   c. Building program in modules, including testing routines
   d. First step: computing co-ordinates of dart toss [mc1.py]
   e. Second step: see if a point falls within the unit circle [mc2.py]