Homework #1 Basic Python programming

Molecular Population Genetics Fall 2014

Email to me by end of day Sept. 9.

Your name:

Problems:

1. a) write a program that will write a random number (use *random* module) between 0 and 1 to a file.

b) write a program that will write a random number (use *random* module) between 0 and 10 to a file

2. use a loop to print 10 random numbers (between 0 and 1), each on a separate line. Hint: use the *for* function.

3. use a loop to fill a list (aka array) with 10 random numbers; in a separate loop, print the contents of the list, with each number on a separate line. Hint: use the *for* function.

4. Using the *if* function in conjunction with #2 above, tally the number of the 10 random numbers that were below 0.5.

5. Print the output of #4 to a file that could be opened using Microsoft Excel.