Homework #2

For all homework assignments, you are free to consult with others on concepts, but the final code you turn in should be your own. If you are just learning programming for the first time, I would suggest you try to spend at least 30 min thinking about each problem before seeking assistance. Even then, the first few assignments may be very frustrating and time consuming, but if you don't practice the fundamentals now, you may be in real trouble later in the class. The only way to learn programming is by doing. There are many possible solutions to each of these problems. If you need my help, you can email at any time, or find me any time my office door is open (mornings are usually better). We will go over the solutions at the beginning of class, so homework must be turned in before the next class !

- Write a program which asks the user's name and says hello to them, unless the name entered is yours, in which case it should say something clever.

- Ask the user to enter a 1-letter DNA sequence, and have it print the (forward) complement. For example "CTGGGCCACACTGGAAGAACTGTGTTGGGCCACA"

To hand in your homework: For each problem, create a ".py" file containing the program that solves it. This should not be a Word doc, or a PDF, but a text file you could execute. Use comments to document your answer ! Please send both solutions attached to a single email message with the subject "Homework 2". sludtke@bcm.edu

Note - if you really get stuck, try going through Extra Practice #2.