Homework #5

The following programs are due at the beginning of class on Thursday, October 17. You can submit your programs online via NYU Classes. Please put your name and the problem/assignment number in a comment at the top of the program.

1. Write a program that asks the user to enter the amount that he or she has budgeted for a month. A loop should then prompt the user to enter each of his or her expenses for the month, and keep a running total. When the loop finishes, the program should display the amount that the user is over or under budget.

2. Rewrite your color mixer program from homework #4 so that it will repeatedly display an error message and request another answer until the user gives it a primary color.

3. Write a program that asks the user to guess a number between 1 and 100. If they guess too high, the program should tell them "Lower!" If they guess too low, it should tell them "Higher!" Your program should let the user keep guessing until they get the correct number, at which point it tells them the total number of guesses made.

4. Design a program that asks the user for their five favorite movies, stores them in a list, and then prints the list back to the user.