

Homework #2

In this homework, you will implement a program that will display the grades and class average for an exam.

1. Your program will start with a comment with your name and an explanation of what the program does.
2. Using the trailer method you will:
 - a. Ask the user to input their first name and read in their first name.
 - b. Ask the user to input their last name and read in their last name
 - c. Ask the user to input the grade they got on their exam.
 - d. Using this information, calculate their letter grade (A,B,C,D, or F).
 - e. Print out the student's name, exam grade, and letter grade.
3. You must also compute the following things:
 - a. Find the class's average on the exam. Print out a message with this information.
 - b. Find how many students got an A, B, C, D, and F. Print messages reporting how many students got each grade.

You need to think about what variables you will need to compute each of the above things. You also need to consider what an appropriate sentinel is. Please explain these in comments in your code.

HW #3 is to repeat the assignment, but this time to use an input file to store the students' data instead of interacting with the user. So you will use the end of file method. Also, all output must go to an output file and not the screen.