

HW09- Due Sunday 3 April 2016 before 11:59
PM

Dr. Touma

March 25, 2016

Adapt HW08 code to read the grades from a CSV file, compute the final grade using percent-per-assignment, assign a letter grade, and write it out to another file. This code will be written by you with minimal interference on my part (I'll still answer questions about it but will not provide you with any code). Here are a few things to keep in mind:

1. Keep codes in separate folders as you did in HW08.
2. Your code will still take in the name of the input file as a command line argument.
3. The output file will have this form: if the input file has the basename *class_grades.csv*, then the output file will be stored in the same folder as the input file with the name *class_grades_final.csv*.
4. You may need to modify your code (source code and header files) to accomplish this task. Make sure you keep functionality separate. For example you should create a function that saves the data to a new file, it should be called from main and have the appropriate prototype in the header file.
5. Attached are the sample input and sample output.
6. I'll make a video on writing to file and string manipulation.
7. you'll be graded on the modularity of your code, its readability, its cleanliness & clarity, and its correctness. Remember you're writing code for someone else or for future use so you need to structure the mods you're making to HW08 so that you can easily extend it later or access data that is not called for in this assignment in an easy and clear way.