

PROBLEM STATEMENT:

A program is to determine a student's grade. The program will read in three test scores, between 0 and 100, and print the student's letter grade. The student's letter grade is based on the following rules:

- a) if the average score is $\geq 90\%$, the course grade is A
- b) if the average score is $\geq 70\%$ and $< 90\%$, the third grade is checked, if the third grade is $\geq 90\%$ then the course grade is A otherwise it is B
- c) if the average grade is $\geq 50\%$ and $< 70\%$, the average of the second and third grade is calculated, if this average $\geq 70\%$ then the course grade is C otherwise it is D
- d) if the average grade is $< 50\%$ then the course grade is F.

CODE:

The program specifications are :

prompt the user for their name. The name is to consist of two variables f_name, and l_name, first name and last name respectively (use the string class).
prompt for three (3) test scores. These are to be prompted for separately.
The program will output the full name, the tests scores (appropriately labeled) and the resulting average to two (2) decimal places.
insert spaces and line up columns in the output for readability.

MUST USE PROVIDED FILE, cs121Lab3_driver.cpp. Much code has been provided. **Read the program specifications and driver to see what you must add.**

No changes are permitted to the provided code, only additions are permitted

DELIVERABLES:

A hard copy of the completed cs121Lab3_driver.cpp on

26 September 2023 in lab

The executable file(from the release folder) and your source code, with the output of a sample run pasted at the end of your source code in a zip file named

Lab3_YourLASTNAME.zip

This zip is to be submitted to Brightspace.
(Go to Lab Submissions, Lab3Ans and upload your zip)

The electronic submission is due at 12:00pm Tuesday 26 September 2023.