BIL110E Introduction to Programming Language (C)

Homework II (Due: 04.01.2020 23:59)

Build a structure in which name, surname, student no, midterm grade, homework grades, quiz grades, final grade members should exist. Determine the data type of each member of the structure accordingly. (You can build a similar structure like the one in lecture notes.)

In a text file type the necessary information of at least 5 students. Each student should be in one line only. Their name surname, student number, exam grades etc.

In your C code, use the structure to read the information of the text file, determine the letter grades of these students. The quantity and the weights for midterm, homework, quiz and final are given in the table below.

	Quantity	Percentage of each	Total
Midterm	1	30	30
Homework	2	10	20
Quiz	2	5	10
Final	1	40	40
			100

The classification of grades is given in the table below.

85-100	AA
74-84	BA
66-73	BB
56-65	CB
49-55	CC
42-48	DC
37-41	DD
0-36	FF

Briefly, you should read the information from the text file you created and calculate the final numeric grade, then convert it to letter grade (use switch-case or if-else). Print the resulting letter grade in a new text file, using one line per student.

Rules :

Please do it by yourself. Never submit the same homework with another student.

Please include comments to explain what you have done.

The C source code should be named as follows: NameSurname_studentNo.

Then archive this file as **.zip** or **.rar** and upload your homework to Ninova before the due date. **Late homework is not accepted.**