

Project 2: Student Report Card Project

Description: This C++ mini project on STUDENT REPORT CARD has **student class** with data members: student id (string), name, department, semester, marks for 5 courses. This class should have the following functions:

- (1) Can create student object and store all the information for the student as described above.
- (2) Can get grade for each course based on the marks obtained in that course. In this function, one can send the subject name as parameter and the function will return the letter grade (A+, A, B, ..) based on the marks for that course.
- (3) Can get the GPA obtained for the semester. This function will calculate GPA based on the marks obtained in all the courses and return the calculated GPA.
- (4) Student can get scholarship based on their GPA. This function will calculate whether a student will get scholarship or not! The calculation is based on the following criteria: if GPA > 3.94 then 100%, and if GPA < 3.94 and GPA > 3.75 then 75% scholarship. The function will return 100 if a student gets 100% scholarship, 75 if he gets 75% scholarship and will return 0 otherwise.

Submission instruction:

- ✓ Group of **2 people** will submit one project.
- ✓ This project is for section **B7 and B8a**
- ✓ Submission deadline is **25-8-2018 [12 Noon]**
- ✓ Send your program as an email attachment. File format is .txt
- ✓ Email subject: Final Project
- ✓ Email body: name, section, id of both group member.
- ✓ Email address: papry@aiub.edu
- ✓ **Full marks: 20**
- ✓ **Copy or Missing deadline will be evaluated as 0 [This is strict evaluation]**