



Introduction to Programming
(Lab Assignment 3 @ Final term)

Instruction: Answer all the Questions

Submission in Portal: 7/12/18 (11:45PM)

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Q1: Grade Conversion System

A simple grade conversion that can convert the numerical value (course marks) to letter grade and grade point. You can do it for 3 student and 3 course. You can follow AIUB grading scheme.

Format: You have to create two class for student and course.

Error Handling: You have to implement error handling (exception method: try and catch) if any course marks became more than 100 or less than 0.

Q2. Contact Management System

A simple program for storing phone contacts. The user will input phone number of contacts he/she wants to store in the phone book. The output would be the list of the contacts. You can do it for 5 user to store phone number in phonebook.

Format: You have to create two class for user and phonebook.

Error Handling: You have to implement error handling (exception method: try and catch) if any user given input letter as phone number.

*****Note:** Try to implement polymorphism concept (function overriding, function overloading), constructor, destructor, inheritance in both program.

Submission Instruction: Zip the project folder and rename with your ID. Upload the Zip file in portal.