

Lab 10

Start your program with your information using the following format:

/*

ID:

Name:

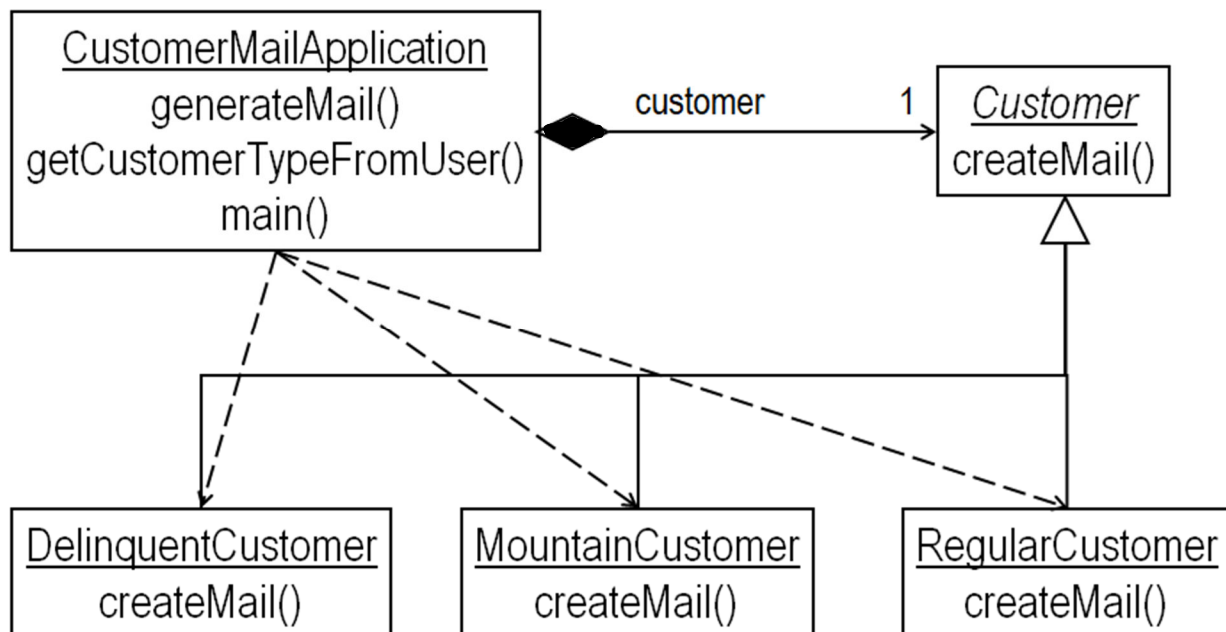
Lab No:

Question No:

Date:

*/

1. From the following UML class diagram



You need to write the C++ classes to support this design. The requirement of this program is, it is the application that is used to print the email to communicate to user based on the type of customer. For today there are 3 types of customer as shown in the diagram. This design wants the **CustomerMailApplication** to have the attribute of class **Customer** so that in the future if new types of customer are added, the attribute does not have to be changed. The example output of the program is as follows:

1.Regular
2.Mountain
3.Delinquent
0.Exit

Your choice: 1

Regular Customer

1.Regular
2.Mountain
3.Delinquent
0.Exit

Your choice: 2

Mountain Customer

1.Regular
2.Mountain
3.Delinquent
0.Exit

Your choice: 3

Delinquent Customer

1.Regular
2.Mountain
3.Delinquent
0.Exit

Your choice: 0

Good bye