

Object Oriented Programming Lab

Assignment 2

Question 1:

Most important Class in Customer Relationship Management (CRM) System is indeed **Customer**. Customer class can have fields:

Name, ID, Gender, ContactNumber & Address

The member functions include the **getters and setters** for all the member variables and **display()** function to display the data.

Customer
- ID - Name - Gender - ContactNumber - Address
+<<constructor>>Customer() +getters and setters +display ()

In the main function, first create two Customer objects and allow the user to enter data in these objects. Secondly, display the data from these objects.

Question 2:

Now you are going to make an **accounts** class. The class details are as follows:

- There is a variable to store the balance that the account holds, e.g. **balance**.
- A **default constructor** setting value of balance to 1000.
- A member function **Credit ()** which adds the credited amount to the balance.
- A member function called **debit ()** which gets money from the account. The debited amount of money is subtracted from the account balance, the debited amount should not be greater than the account balance otherwise a message would be displayed that "Debit amount exceeded account balance" moreover a penalty fee of Rs.15 is charged in case of attempt to withdraw more than balance.
- The **getBalance ()** method tells the user that how much balance he has in his account.

First you have to set balance to your desired value.

Credit some amount into account.

Withdraw some amount and then check your balance.

Withdraw amount more than the available balance.