

CSC 252
Week 1 HW

Provide code and full projects neatly and in proper form and in the correct header and cpp files. Code must compile, link and run for any credit.

Q1 : Classes and Objects

1. Create a class definition for an object called Account. Add a constructor and destructor to it.
2. Add 2 internal data member of char or string type which should be named firstName and lastName.
3. Then add two methods debitFrom which takes a double as a call parameter and creditTo which also takes a double data type.
4. Add an internal to the Account class called currentBalance of type double.
5. Instantiate an object of type Account with a starting balance of \$100.00 belonging to a customer by the name of John Smith
6. Show how you would create const members functions in this class – what is the benefit of such member functions.

Q2 : Class Design exercises

Using Liang C++ textbook provide a solution to programming exercise 9.4 (The *MyPoint* class) in chapter 9.