COMP 1451 Lab 3-b

Take-home Lab

In this lab you will consider session 3 discussion material while creating a program outline. There is no coding required here, just a program outline.

The task is to design a simple banking system that incorporates customers, accounts, and a bank.

1. Design data classes for the above three entities (customer, account , bank). You need to think about the relationship between these three types while also considering good design techniques like low coupling, high cohesion, RDD, duplication, etc.
2. For the design of each class all you are required to do at this stage is specify the constructors and fields. This is an "outline" not an official specification.
3. Keep it simple. You need only the three classes to represent the types mentioned above. We will have plenty of time later to consider other things.
4. Deliverable: When finished you will be submitting a text document (Word, WordPad, for example) which clearly list the three classes you came up with, their constructors, and the fields you think each should hold.
5. Think carfully about each class and what is needed. Try to imagine in a practical way what we would require in the "real" world.

The take-home lab is due as speified on the dropbox folder. Upload your solution before this deadline. The solution will be provided in our next session.