**Programming Exercise 10.8 Instruction**

Required

10 points

***NOTE: You can submit twice but your last submission by due date will be graded only.***

**How to submit all your files at once to D2L**

Attach and upload the following items in one submission attempt to D2L for this assignment.

File 1: Your code files. [5 points]

File 2: a screenshot (image or pdf or word document) of your output with random input to have a unique output. [5 points]

**Instruction**

This lab follows a client server model. In order for the client program to connect to the server the following steps must be taken:

1. Enter python3 atmserver.py into **Terminal 1**.
2. Enter python3 atmclient.py into **Terminal 2**.

The client code will now be able to establish a connection to the server.

Add synchronization to the ATM program of Project 6. You will need to give concurrent readers access to a single account, as long as a writer is not writing to it, and give a single writer access, as long as other writers and readers are not accessing the account.

Hint: just complete the ThreadSafeSavingsAccount class discussed in this chapter, and use it to create account objects in the Bank class.