– How did you approach the project?

I first read through the assignment requirement and sample.txt

This gives me a clue on what my program will accomplish. Then I write down my pseudocode.

–How did you organize the project? Why?

I put the program into 5 different java files.

BankSimulation.java (Main function)

Teller.java

Customer.java

Rand.java

Manager.java

Create an individual java class for each part of program are easy to read and manage. The safe and manager are being protected by semaphores, and we are synchronizing the behavior of all threads.

– What problems did you encounter?

I was having trouble on how to exit the execution of program.

– How did you fix them?

I fixed it by create a negative semaphore.

– What did you learn doing this project?

I learned a lot on how to use semaphore and thread, linked multiple teller and customers together. I have also learned on the use of sleep method. The program practices my skills on the interaction between the teller and the customer where the customer has to introduce themselves to teller.