

Rohit Tikyani
Asst4
Bank System

In order to keep the code easy to follow along and modular, I used my own implementation of a linked list to store the accounts and clients. I also used a slightly altered version of PA1 tokenizer to parse the input. As the assignment states, the timer prints out bank account contents every 20 seconds. In regards to thread synchronization, the client produces two threads. The first one is to input commands and the second one for response output. Also as per the assignment instructions, if a client cannot connect to server--it will retry every 3 seconds. Client processes end with SIGINT or exit. Mutex is needed in order to keep other processes out of the thread. Overall, this assignment was very hard and I'm not sure if every feature is working but the command syntax statements and implementation should be working. This assignment summed up most of what we learned and although it was challenging, it was rewarding.