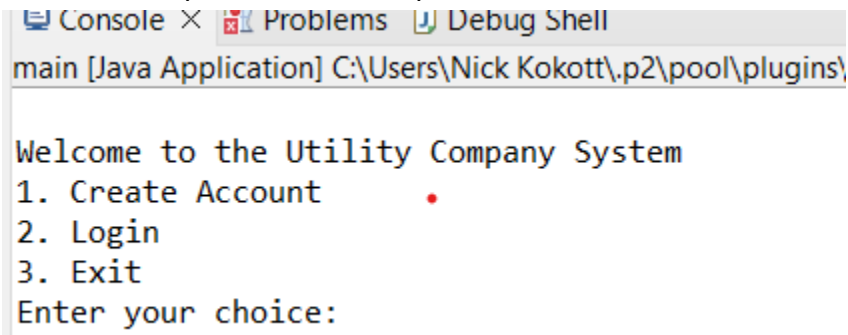


Hello TA, this is the README for lab 6.

As stated in the lab doc this was done in a team of 2.

Kenneth Schueman (kenschue) and Nicholas Kokott (kokottni)

Initially upon booting up the system you will be greeted with 3 different options as so. You need to input 1-3 for the 3 options as a Scanner is used reading for an int.

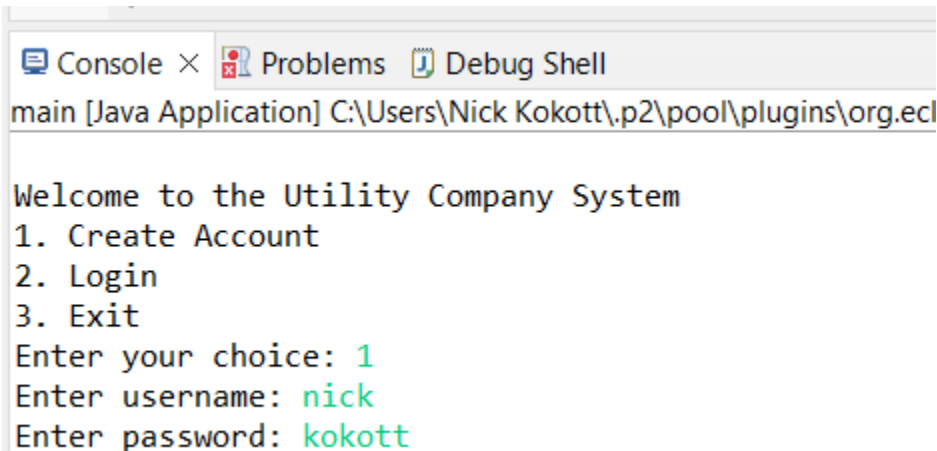


```
main [Java Application] C:\Users\Nick Kokott\.p2\pool\plugins\

Welcome to the Utility Company System
1. Create Account
2. Login
3. Exit
Enter your choice:
```

If you don't create an account immediately you will not be able to login and have any sort of functionality in the system. If you hit 3 the program will end and you will be required to reboot the system to get it to run again. If this were not a school project this option would not exist, as this should in theory be a constantly running ATM.

Logging in you have:



```
main [Java Application] C:\Users\Nick Kokott\.p2\pool\plugins\org.ecI

Welcome to the Utility Company System
1. Create Account
2. Login
3. Exit
Enter your choice: 1
Enter username: nick
Enter password: kokott
```

After selecting your username and password, a user for you will be added to our database of users which is really just an arraylist and a hashmap for the time being.

From here you will login with those credentials and be greeted with a vast variety of options all working toward the specifications within the requirements lab document.

Here are those options:

main [Java Application] C:\Users\Nick Kokott\.p2\pool\plugins\org.eclipse.justj.op

Welcome to the Utility Company System

1. Create Account

2. Login

3. Exit

Enter your choice: 2

Enter username: nick

Enter password: kokott

Login successful.

Utility Company Menu

1. Check Balance (Checking)

2. Check Balance (Savings)

3. Deposit (Checking)

4. Deposit (Savings)

5. Withdraw (Checking)

6. Transfer (Checking -> Savings)

7. Transfer (Savings -> Checking)

8. Check Bill Payment History

9. Check Next Bill Details

10. Make Bill Payment

11. Logout

Enter your choice:

You make your choice by entering a number 1-11. If you log out you will be redirected to the original three choices that were given to you upon the initial boot of the system.

Any of the deposit, withdraw, or transfers will ask another prompt for the amount of each given option as so.

```
Utility Company Menu
1. Check Balance (Checking)
2. Check Balance (Savings)
3. Deposit (Chcecking)
4. Deposit (Savings)
5. Withdraw (Checking)
6. Transfer (Checking -> Savings)
7. Transfer (Savings -> Checking)
8. Check Bill Payment History
9. Check Next Bill Details
10. Make Bill Payment
11. Logout
Enter your choice: 3
Deposit amount:
20
```

You will then be rerouted back to the utility company menu.

All of the check balances, check bill payment history, and check next bill details will just display a static output along with the original menu.

```
Utility Company Menu
1. Check Balance (Checking)
2. Check Balance (Savings)
3. Deposit (Chcecking)
4. Deposit (Savings)
5. Withdraw (Checking)
6. Transfer (Checking -> Savings)
7. Transfer (Savings -> Checking)
8. Check Bill Payment History
9. Check Next Bill Details
10. Make Bill Payment
11. Logout
Enter your choice: 1
Checking balance: 20.0
```

All of the functionality specified in the system is here and working within these 11 commands.