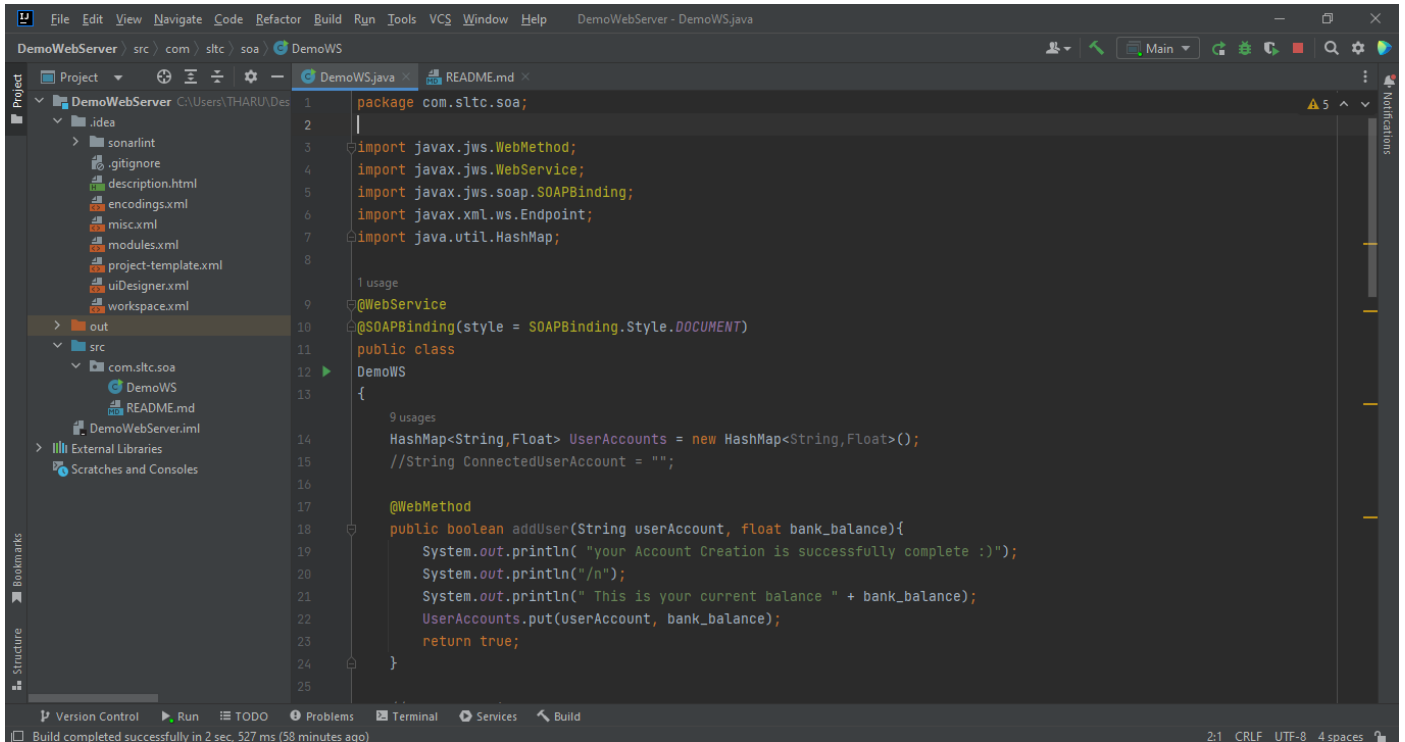


AA1824

Mid assignment

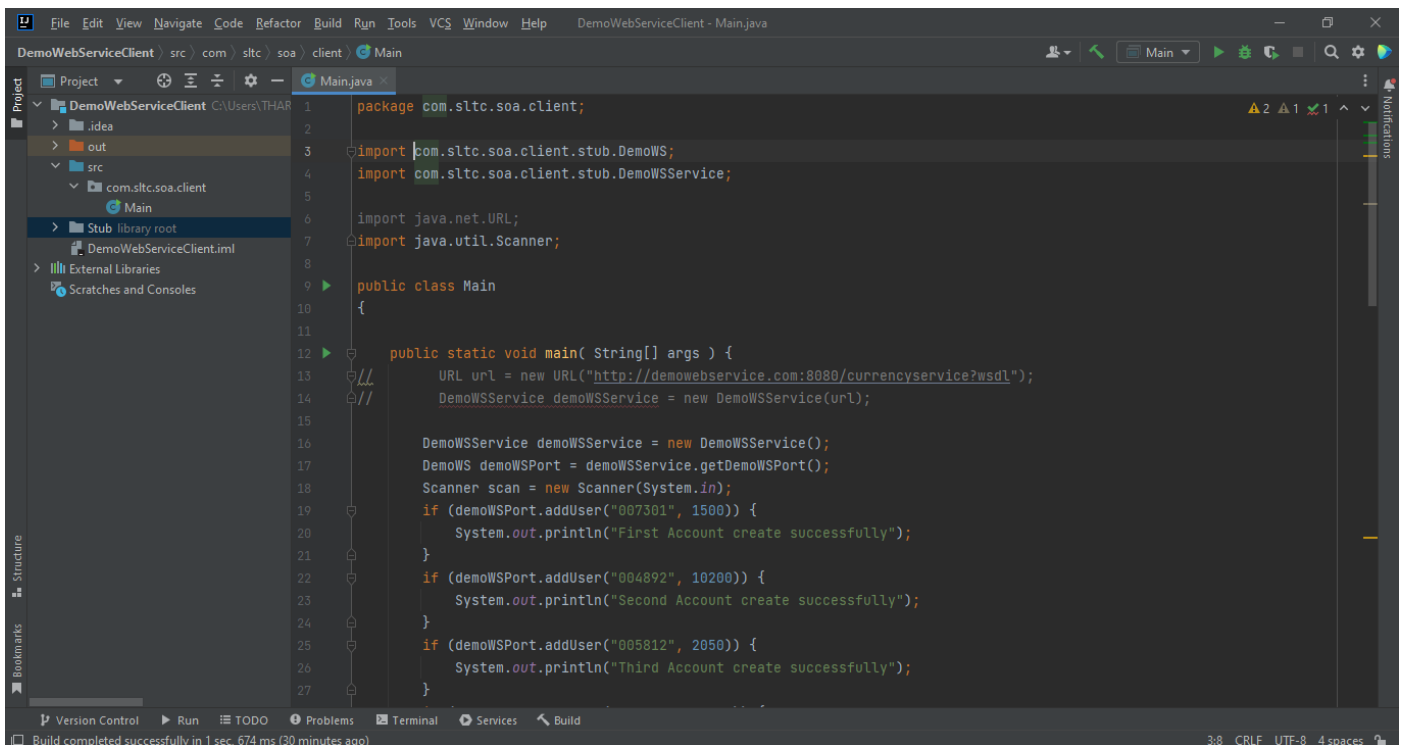
Client and server side code explain

This is server side ,



```
1 package com.slrc.soa;
2
3 import javax.ws.WebMethod;
4 import javax.ws.WebService;
5 import javax.ws.soap.SOAPBinding;
6 import javax.xml.ws.Endpoint;
7 import java.util.HashMap;
8
9 @WebService
10 @SOAPBinding(style = SOAPBinding.Style.DOCUMENT)
11 public class
12 DemoWS
13 {
14     HashMap<String,Float> UserAccounts = new HashMap<String,Float>();
15     //String ConnectedUserAccount = "";
16
17     @WebMethod
18     public boolean addUser(String userAccount, float bank_balance){
19         System.out.println( "your Account Creation is successfully complete :)");
20         System.out.println("\n");
21         System.out.println(" This is your current balance " + bank_balance);
22         UserAccounts.put(userAccount, bank_balance);
23         return true;
24     }
25 }
```

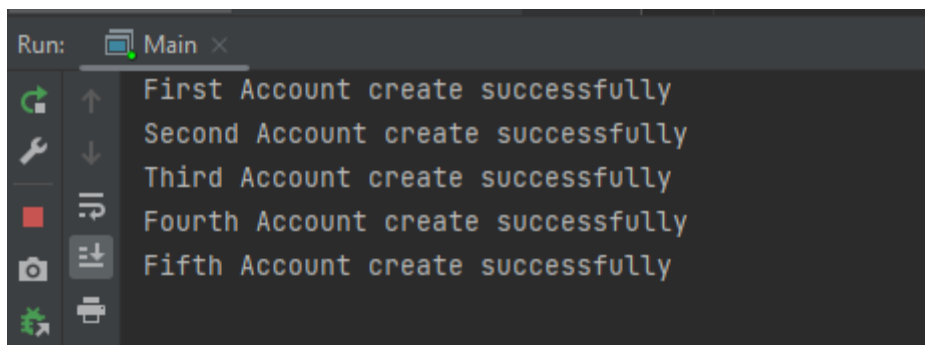
This is client side,



```
1 package com.slrc.soa.client;
2
3 import com.slrc.soa.client.stub.DemoWS;
4 import com.slrc.soa.client.stub.DemoWSService;
5
6 import java.net.URL;
7 import java.util.Scanner;
8
9 public class Main
10 {
11
12     public static void main( String[] args ) {
13         // URL url = new URL("http://demowebsevice.com:8080/currencysevice?wsdl");
14         // DemoWSService demoWSService = new DemoWSService(url);
15
16         DemoWSService demoWSService = new DemoWSService();
17         DemoWS demoWSPort = demoWSService.getDemoWSPort();
18         Scanner scan = new Scanner(System.in);
19         if (demoWSPort.addUser("007301", 1500)) {
20             System.out.println("First Account create successfully");
21         }
22         if (demoWSPort.addUser("004892", 10200)) {
23             System.out.println("Second Account create successfully");
24         }
25         if (demoWSPort.addUser("005812", 2050)) {
26             System.out.println("Third Account create successfully");
27         }
28     }
29 }
```

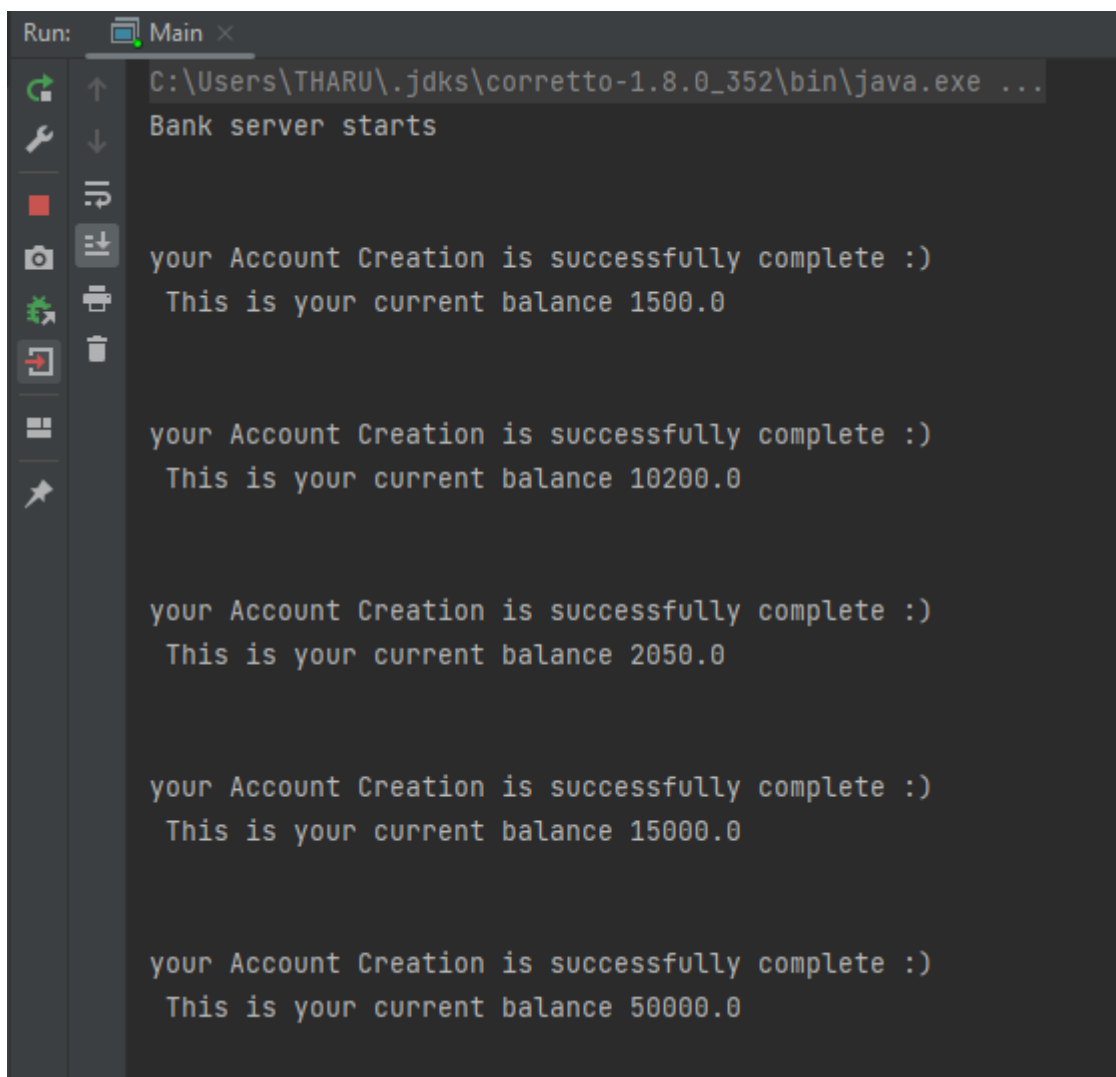
So In client side you can deposit, withdraw and transfer in bank service.

Firstly you can see your account is successfully complete in client side.



```
Run: Main x
First Account create successfully
Second Account create successfully
Third Account create successfully
Fourth Account create successfully
Fifth Account create successfully
```

Firstly you can see your account is successfully complete in server side.



```
Run: Main x
C:\Users\THARU\jdk\corretto-1.8.0_352\bin\java.exe ...
Bank server starts

your Account Creation is successfully complete :)
This is your current balance 1500.0

your Account Creation is successfully complete :)
This is your current balance 10200.0

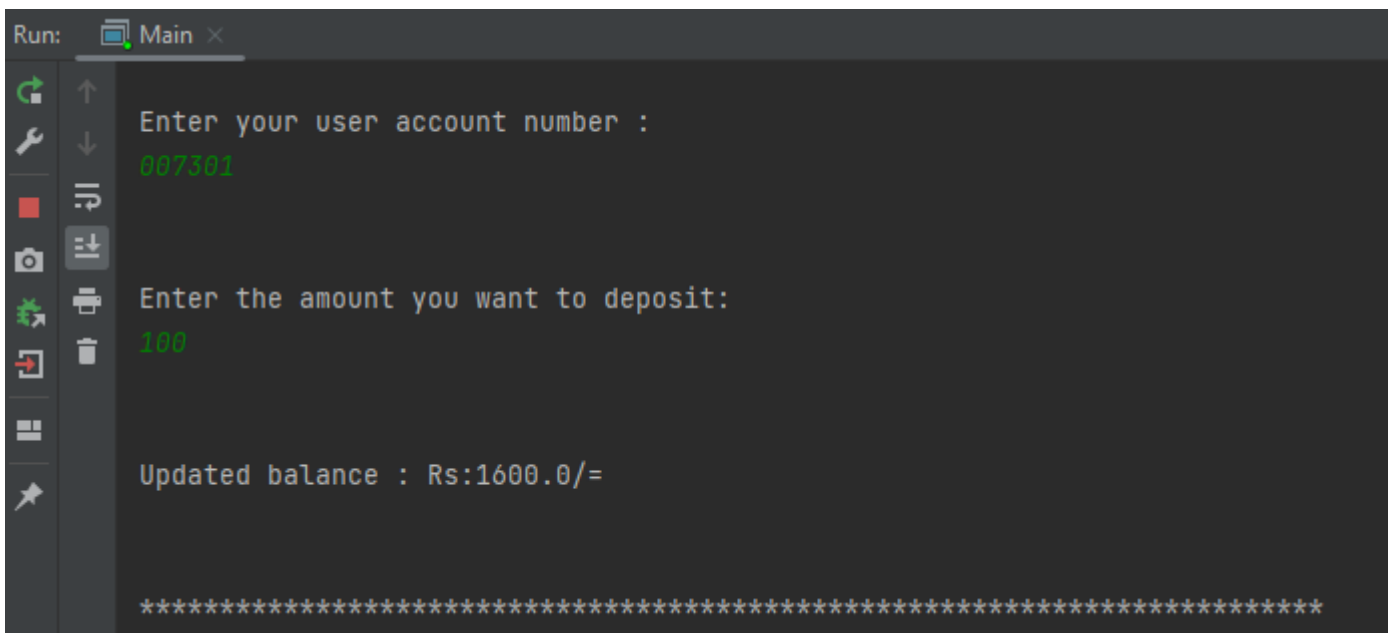
your Account Creation is successfully complete :)
This is your current balance 2050.0

your Account Creation is successfully complete :)
This is your current balance 15000.0

your Account Creation is successfully complete :)
This is your current balance 50000.0
```

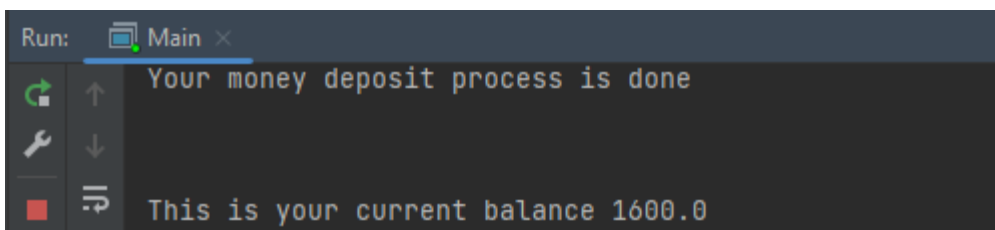
In the money deposit method

you can enter account number and enter deposit amount, current account balance.



```
Run: Main x
Enter your user account number :
007301
Enter the amount you want to deposit:
100
Updated balance : Rs:1600.0/=
*****
```

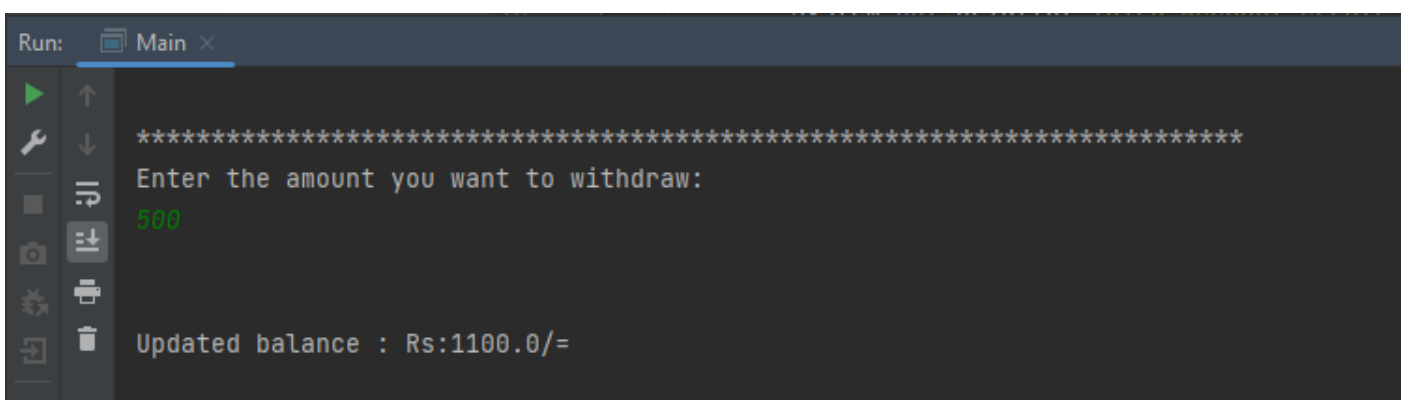
Then your details and deposited amount, current account balance display in the server side.



```
Run: Main x
Your money deposit process is done
This is your current balance 1600.0
```

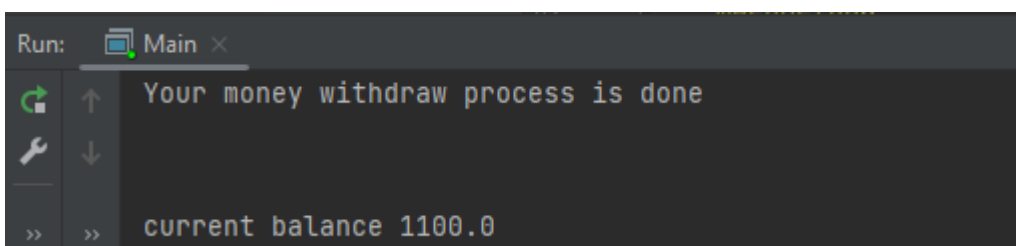
In the money withdraw method

You can enter how much you withdraw and current account balance.



```
Run: Main x
*****
Enter the amount you want to withdraw:
500
Updated balance : Rs:1100.0/=
```

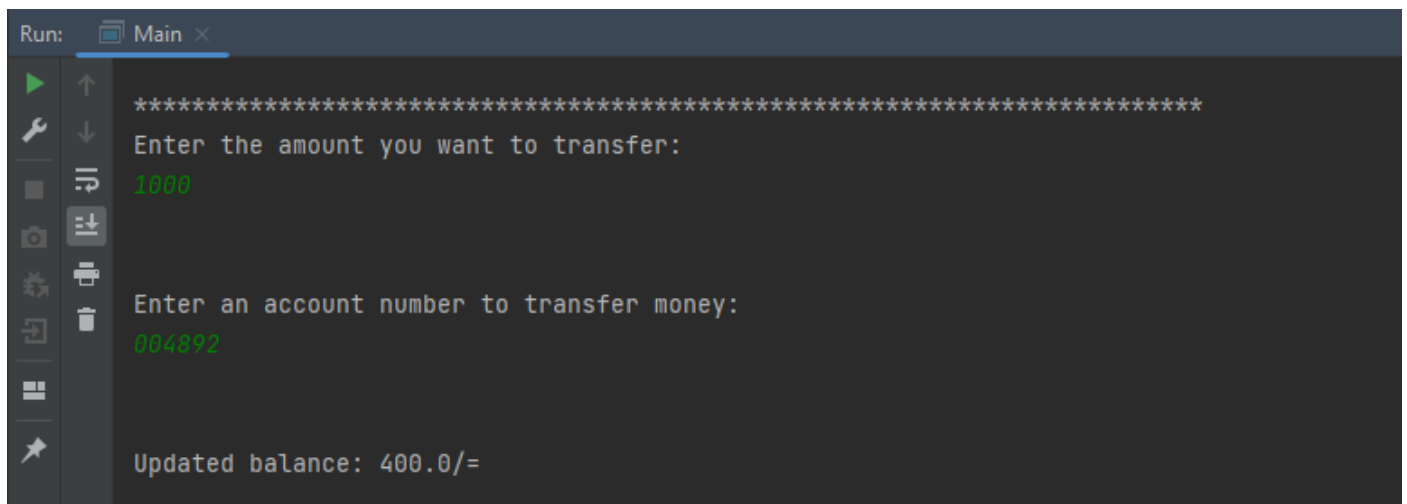
Then your withdraw amount and current account balance is display in server side.



```
Run: Main x
Your money withdraw process is done
current balance 1100.0
```

In the money transfer method

You can enter the transfer amount and account number.

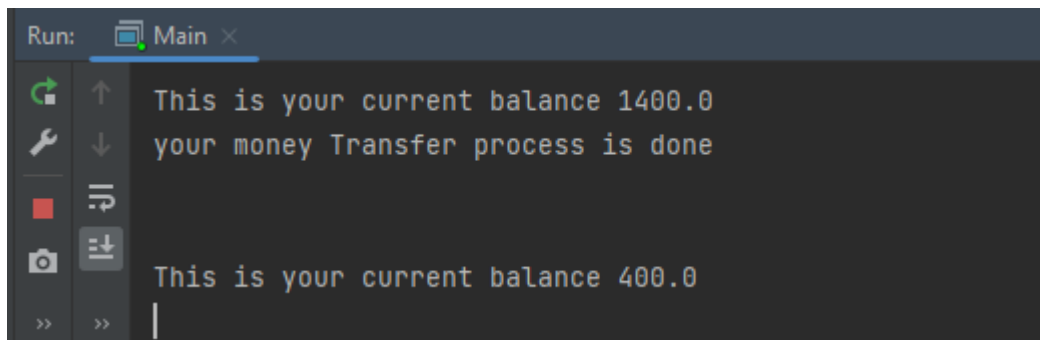


```
Run: Main x
*****
Enter the amount you want to transfer:
1000

Enter an account number to transfer money:
004892

Updated balance: 400.0/=
```

Then your transfer process and current account balance is displayed in server side.



```
Run: Main x
This is your current balance 1400.0
your money Transfer process is done

This is your current balance 400.0
|
```

At least error messages are display in that type.

The we can exit the server.