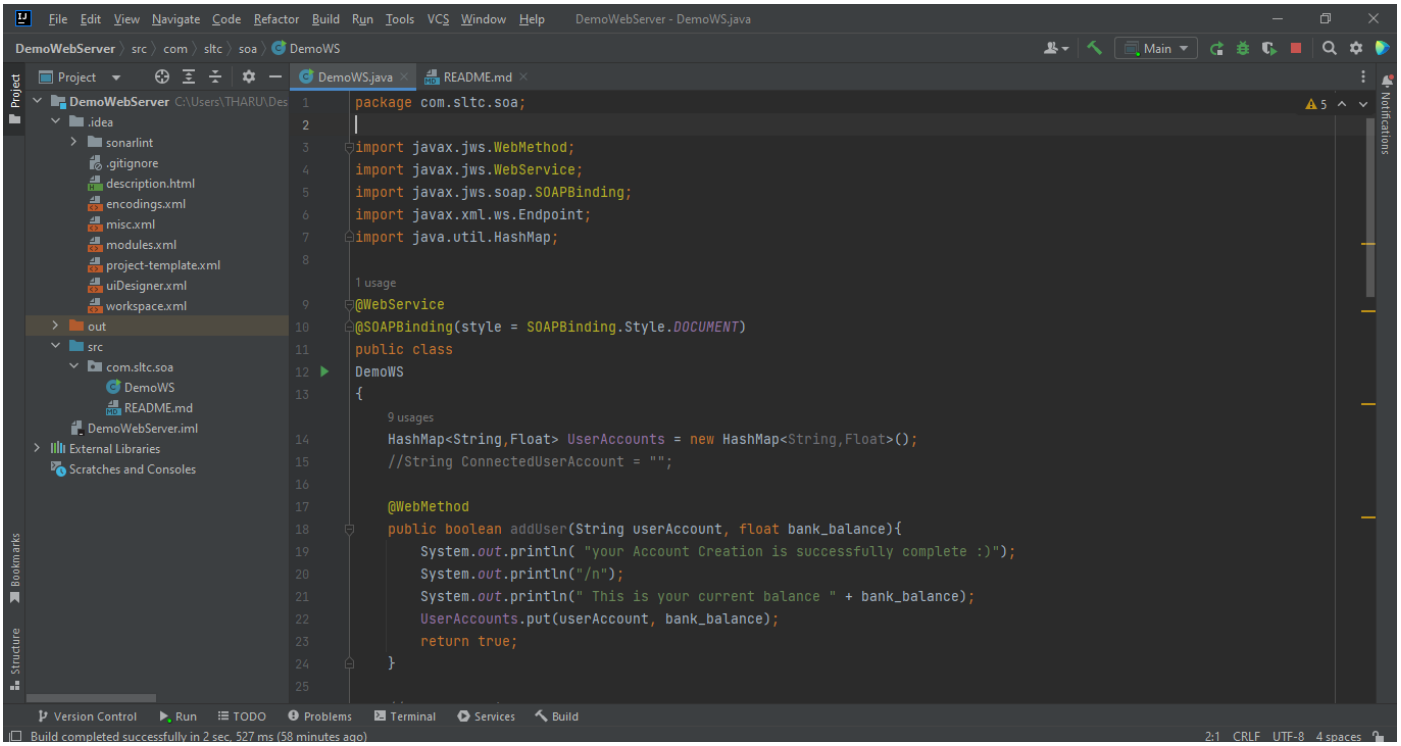
AA1824

Mid assignment

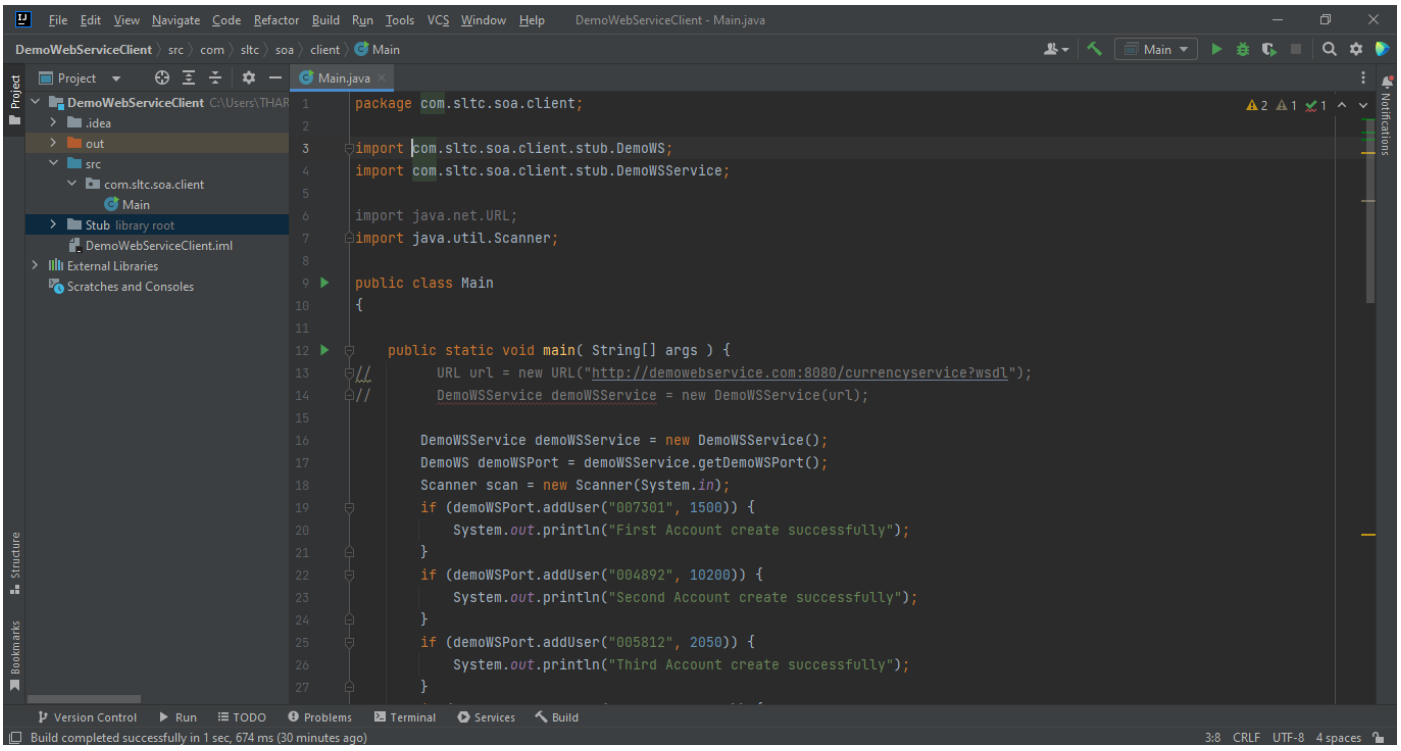
Client and server side code explain

This is server side ,



```
package com.sltc.soa;

import javax.jws.WebMethod;
import javax.jws.WebService;
import javax.jws.soap.SOAPBinding;
import javax.xml.ws.Endpoint;
import java.util.HashMap;

1 usage
@WebService
@SOAPBinding(style = SOAPBinding.Style.DOCUMENT)
public class
DemoWS
{
    9 usages
    HashMap<String,Float> UserAccounts = new HashMap<String,Float>();
    //String ConnectedUserAccount = "";

    @WebMethod
    public boolean addUser(String userAccount, float bank_balance){
        System.out.println( "your Account Creation is successfully complete :)");
        System.out.println("/n");
        System.out.println(" This is your current balance " + bank_balance);
        UserAccounts.put(userAccount, bank_balance);
        return true;
    }
```

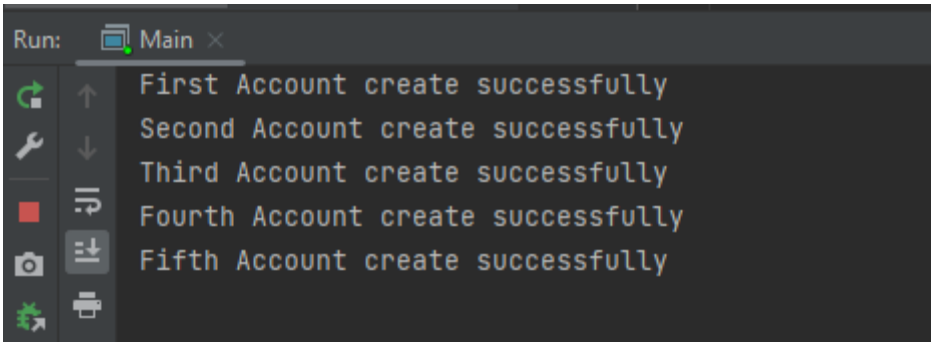
This is client side,



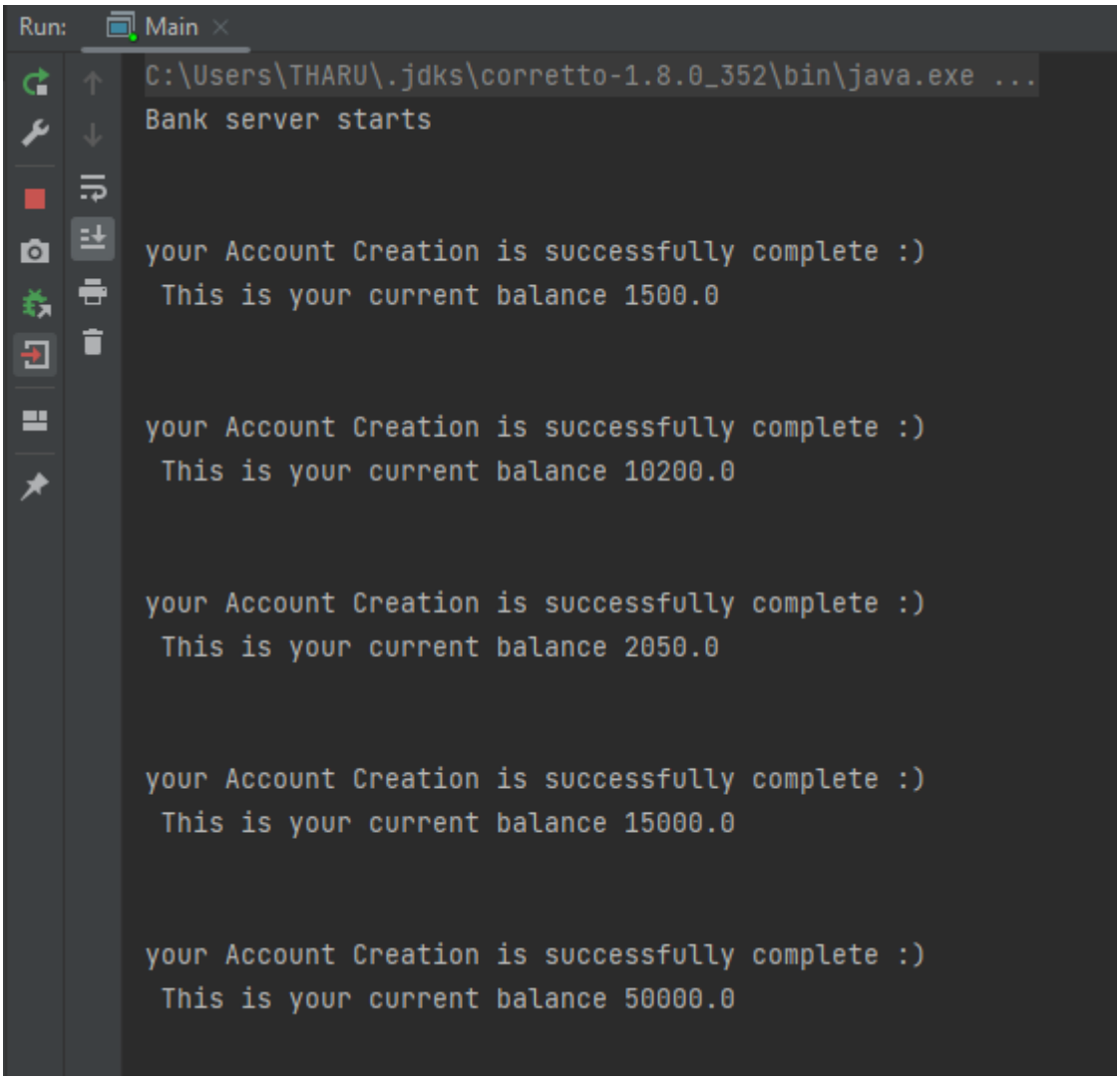
```
package com.sltc.soa.client;

import com.sltc.soa.client.stub.DemoWS;
import com.sltc.soa.client.stub.DemoWSService;

import java.net.URL;
import java.util.Scanner;

public class Main
{

    public static void main( String[] args ) {
//        URL url = new URL("http://demowebservice.com:8080/currencyservice?wsdl");
//        DemoWSService demoWSService = new DemoWSService(url);

        DemoWSService demoWSService = new DemoWSService();
        DemoWS demoWSPort = demoWSService.getDemoWSPort();
        Scanner scan = new Scanner(System.in);
        if (demoWSPort.addUser("007301", 1500)) {
            System.out.println("First Account create successfully");
        }
        if (demoWSPort.addUser("004892", 10200)) {
            System.out.println("Second Account create successfully");
        }
        if (demoWSPort.addUser("005812", 2050)) {
            System.out.println("Third Account create successfully");
        }
```

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.

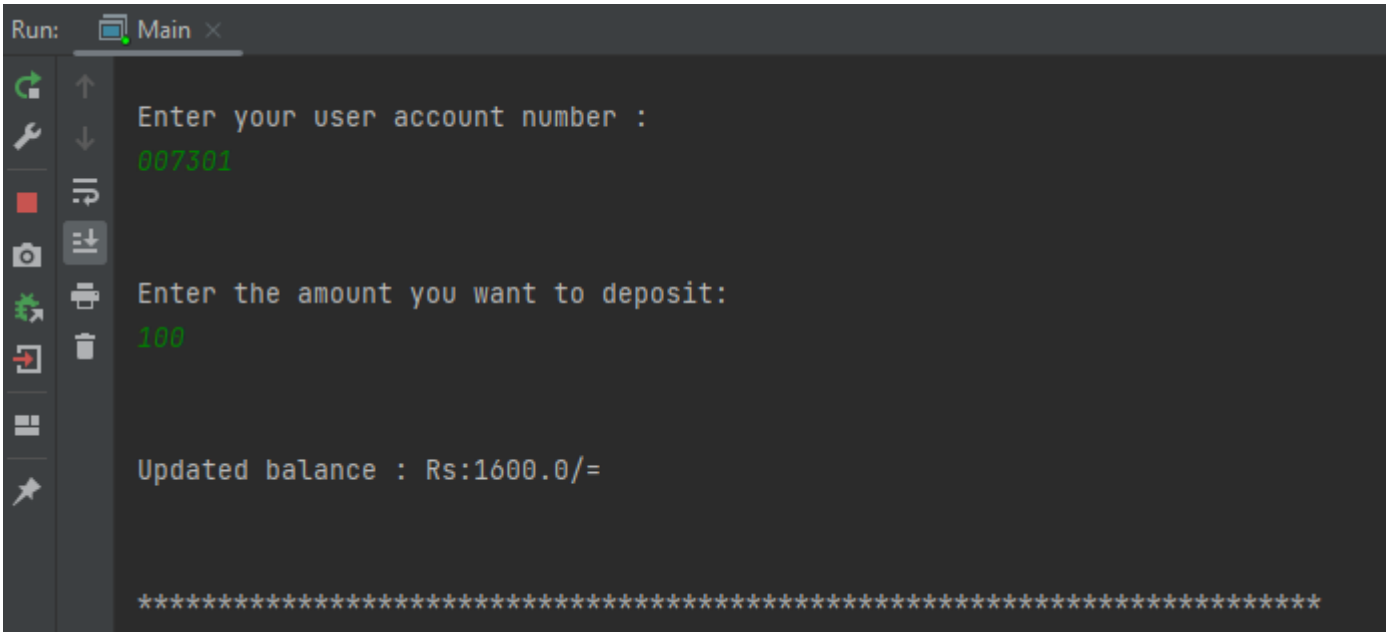


Firstly you can see your account is successfully complete in server side.

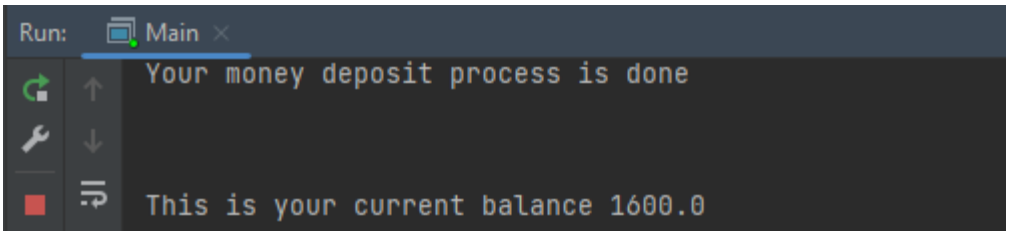


In the money deposit method

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

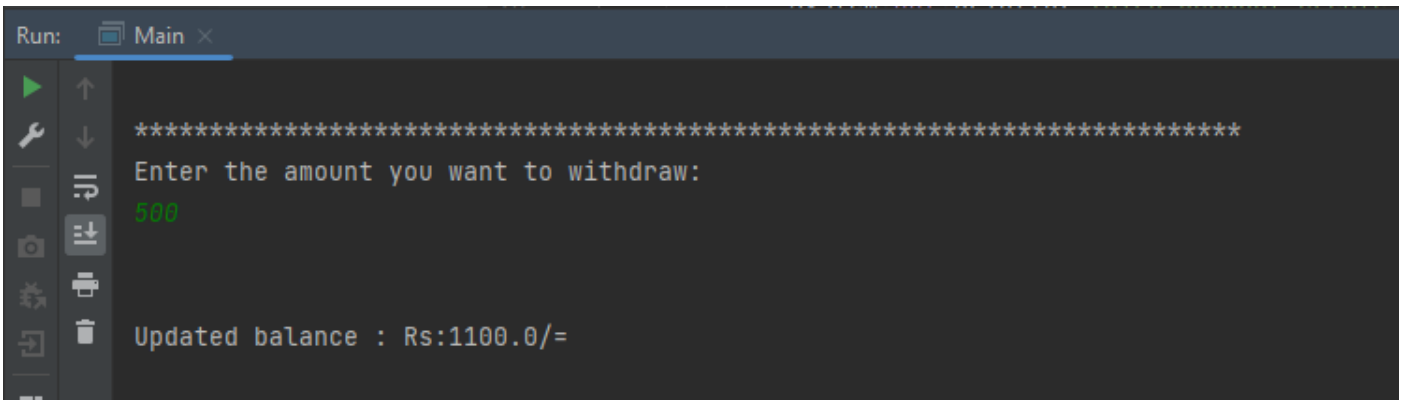


Then your details and deposited amount, current account balance display in the server side.

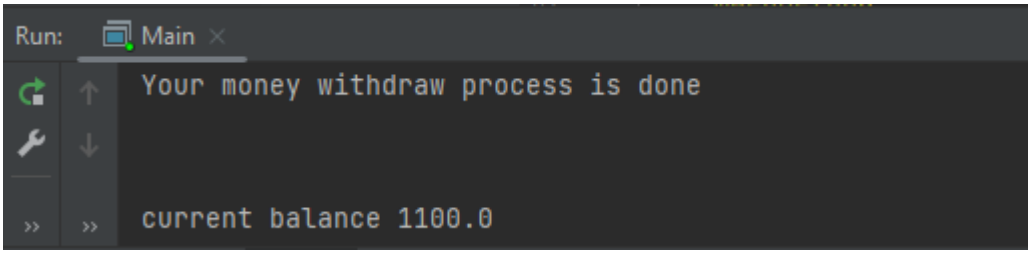


In the money withdraw method

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

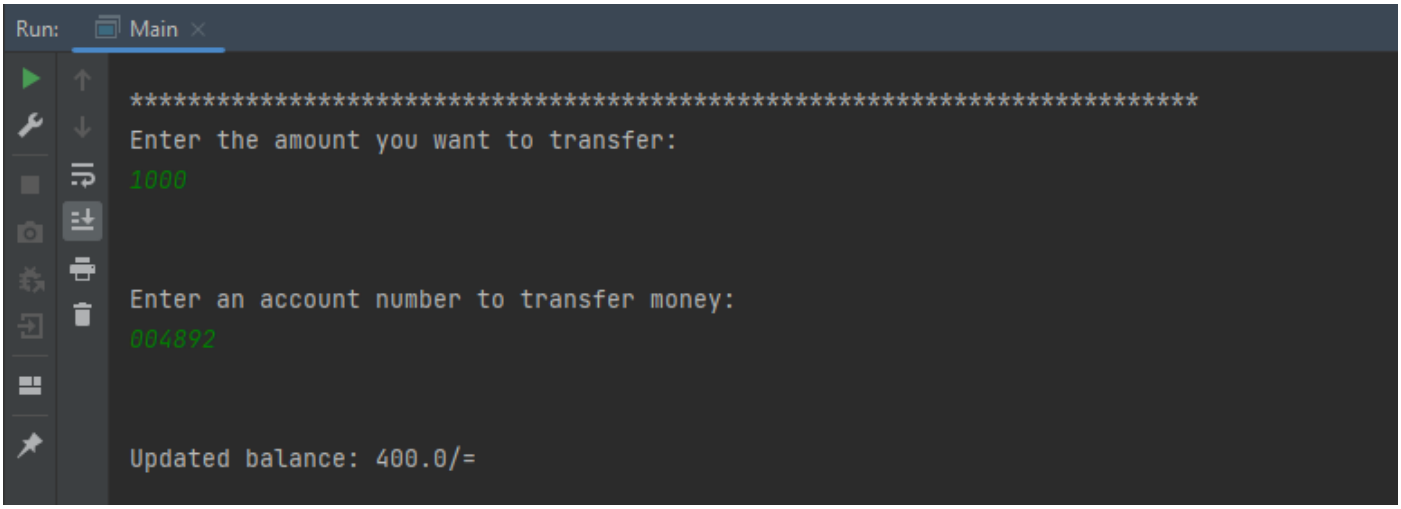


Then your withdraw amount and current account balance is display in server side.

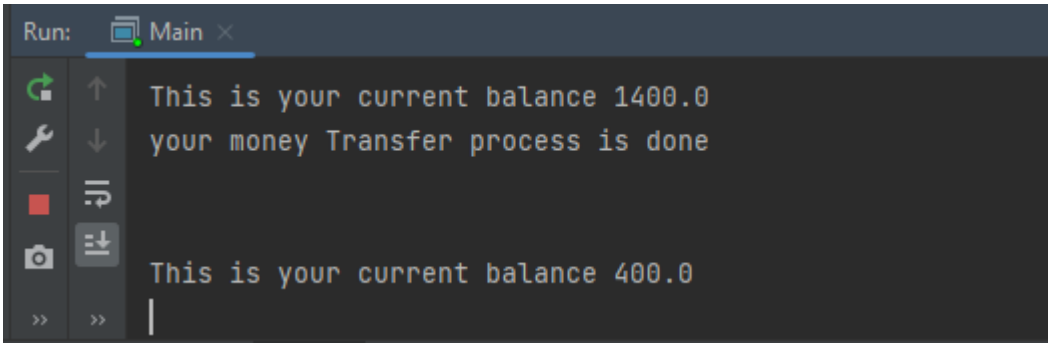


In the money transfer method

You can enter the transfer amount and account number.



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



At least error messages are display in that type.

The we can exit the server.