Writing a program using exception handling

- If withdraw money is greater than minimum balance be throw exception otherwise we print collect u r cash using finally to close the process.

Main class:

```java
package ATM;

import java.util.Scanner;

public class Monetwithdraw {

    static double amount=10000;
    static double da;
    public static void main(String[] args)throws InterruptedException {

        Scanner sc=new Scanner(System.in);
        try {
            System.out.println("Balance press 1");
            System.out.println("Withdraw press 2");
            System.out.println("Deposit Money press 3");
            int option=sc.nextInt();
            if(option==2) {
                System.out.println("Enter amount to withdraw..");
                da=sc.nextInt();
             if(amount-da>=5000){
                System.out.println("validating cash");
                for(int i=0;i<=5;i++) {
                    Thread.sleep(700);
                    System.err.print(".");
                }System.out.println();
                System.out.println("please collect u r cash...");
                Thread.sleep(3000);
                da=amount-da;
                check();


            }else{
                throw new expHandling("Amount in u r account
"+amount+" minimum balance in u r account is 5000 \n please select amount
lessthan 5000");
            }}
            else if(option==1) {
                System.out.println("Balance :"+amount);
            }else if(option==3){
                System.out.println("Please enter amount to
deposit..");

                da=sc.nextDouble();
                System.out.println(da+" Deposit in your
account...");

                da=amount+da;
                Thread.sleep(3000);
                check();
            }else {
                throw new expHandling("Please Enter correct
option");
```

}

```
        }catch (expHandling e) {System.out.println(e.getMessage());
        }

}       public static void check() {
        System.out.println("show Balance ..... ");
        Scanner sc1=new Scanner(System.in);
        System.out.println("yes , no");
        String bal=sc1.nextLine();
        if(bal.equalsIgnoreCase("yes")) {
             System.out.println("Balance :"+ da);}
        else {System.out.println("Thanks for using Your Atm good day
for you");}
    }

}
```
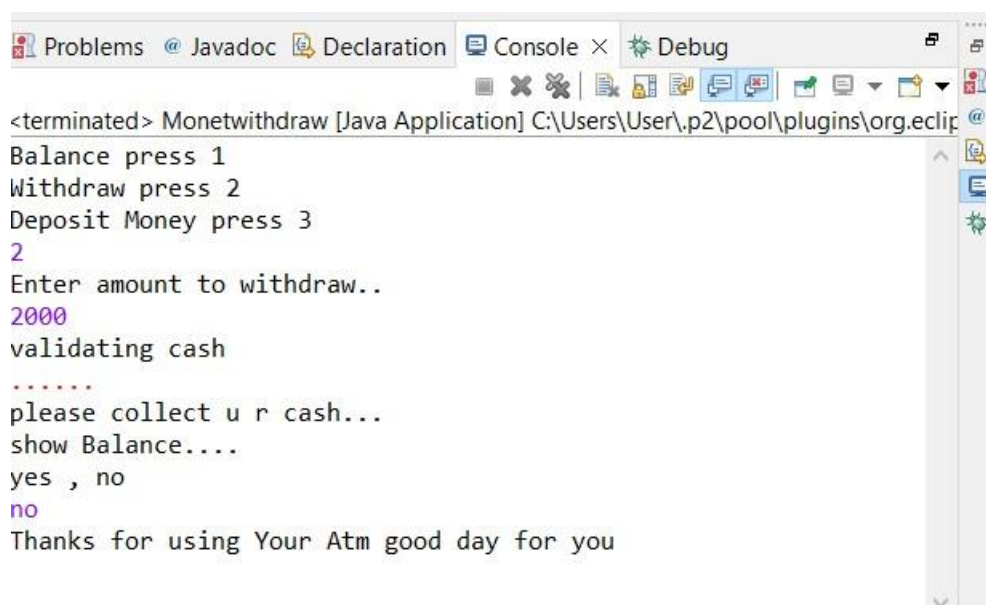
Exception class:

```
package ATM;

public class expHandling extends Exception {

    public expHandling(String f)  {
        super(f);
    }
}
```
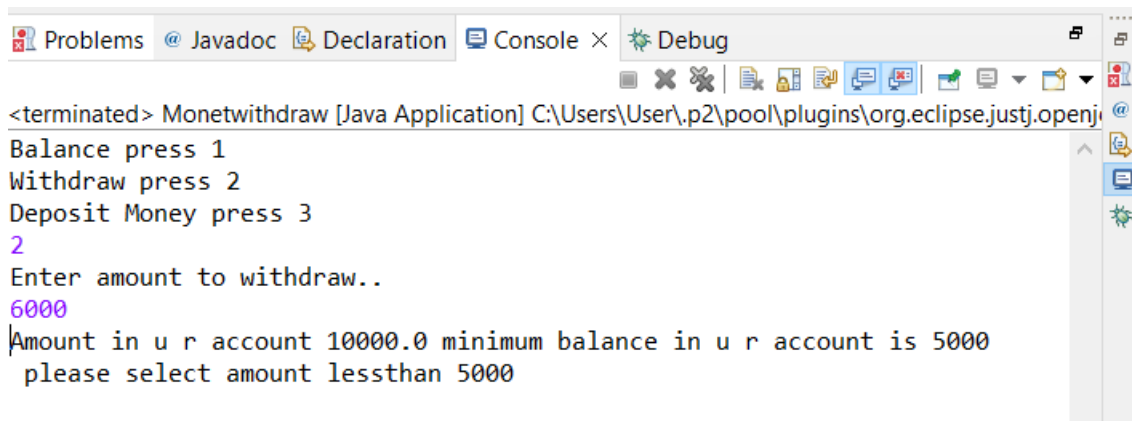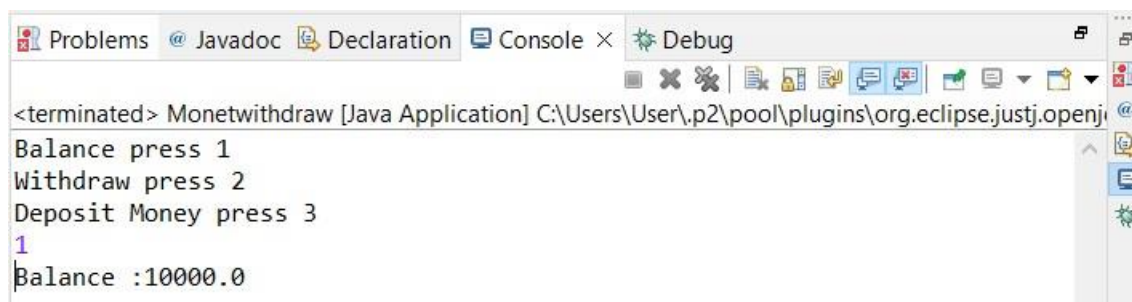
Withdraw:

<terminated> Monetwithdraw [Java Application] C:\Users\User\.p2\pool\plugins\org.eclipse.justj.openj

```
Balance press 1
Withdraw press 2
Deposit Money press 3
2
Enter amount to withdraw..
6000
Amount in u r account 10000.0 minimum balance in u r account is 5000
 please select amount lessthan 5000
```

Balance:

<terminated> Monetwithdraw [Java Application] C:\Users\User\.p2\pool\plugins\org.eclipse.justj.openj

```
Balance press 1
Withdraw press 2
Deposit Money press 3
1
Balance :10000.0
```

Deposit:

<terminated> Monetwithdraw [Java Application] C:\Users\User\.p2\pool\plugins\org.eclipse.justj.openj

```
Balance press 1
Withdraw press 2
Deposit Money press 3
3
Please enter amount to deposit..
2000
2000.0 Deposit in your account...
show Balance....
yes , no
yes
Balance :12000.0
```