

```
Week10Extra3.java < Week10Extra4.java < Week10Extra1.java < Lab7.java < Lab8.java <
1  import java.util.Scanner;
2  class RaiseException extends Exception
3  {
4  public String toString() { return "Trying to withdraw the amount greater the the balance\n"; }
5  }
6  public class Week10Extra4 {
7      int balance=500;
8      void deposit(int amount) { balance=amount+balance; }
9      void withdraw(int amount) throws RaiseException
10     {
11         if (amount>balance)
12         {
13             throw new RaiseException();
14         }
15         else
16         {
17             balance=balance-amount;
18         }
19     }
20     void display() { System.out.println("Balance amount:"+balance); }
21     public static void main(String[] args)
22     {
23         Scanner s=new Scanner(System.in);
24         int ch,amount;
25         Week10Extra4 w=new Week10Extra4();
26         for (;;)
27         {
```

```
Week10Extra3.java x Week10Extra4.java x Week10Extra1.java x Lab7.java x Lab8.java x
37 System.out.println("1:Deposit\n2:Withdraw\n3:Exit");
38 System.out.println("Enter the choice:");
39 ch=s.nextInt();
40 switch (ch)
41 {
42     case 1:
43         System.out.println("Enter the amount to be deposited:");
44         amount=s.nextInt();
45         w.deposit(amount);
46         w.display();
47         break;
48     case 2:
49         System.out.println("Enter the amount to be withdrawn:");
50         amount=s.nextInt();
51         try
52         {
53             w.withdraw(amount);
54             System.out.println("Amount of "+amount+" withdrawn successfully");
55             w.display();
56         }
57         catch(RaiseException r)
58         {
59             System.out.println("Amount withdrawal failed."+r);
60             w.display();
61         }
62         break;
63     case 3: System.exit( status: 0);
```



```
Week10Extra3.java x Week10Extra4.java x Week10Extra1.java x Lab7.java x ...  
48     case 2:  
49         System.out.println("Enter the amount to be withdrawn:");  
50         amount=s.nextInt();  
51         try  
52         {  
53             w.withdraw(amount);  
54             System.out.println("Amount of "+amount+" withdrawn successfully");  
55             w.display();  
56         }  
57         catch(RaiseException r)  
58         {  
59             System.out.println("Amount withdrawal failed."+r);  
60             w.display();  
61         }  
62         break;  
63     case 3: System.exit( status: 0);  
64         break;  
65     default:  
66         System.out.println("Please enter a valid choice number");  
67         break;  
68     }  
69 }  
70  
71 }  
72 }  
73
```

```
Project
Run: Week10Extra4 x
"C:\Program Files\Java\jdk1.8.0_261\bin\java.exe" ...
1:Deposit
2:Withdraw
3:Exit
Enter the choice:
1
Enter the amount to be deposited:
1000
Balance amount:1500
1:Deposit
2:Withdraw
3:Exit
Enter the choice:
2
Enter the amount to be withdrawn:
800
Amount of 800 withdrawn successfully
Balance amount:700
1:Deposit
2:Withdraw
3:Exit
Enter the choice:
3
Please enter a valid choice number
1:Deposit
2:Withdraw
3:Exit
4: Run  TODO  Problems  Terminal  Build
All files are up-to-date (a minute ago)
```


Run: Week10Extra4 x

800

Amount of 800 withdrawn successfully

Balance amount:700

1:Deposit

2:Withdraw

3:Exit

Enter the choice:

800

Please enter a valid choice number

1:Deposit

2:Withdraw

3:Exit

Enter the choice:

3

Enter the amount to be withdrawn:

800

Amount withdrawal failed.Trying to withdraw the amount greater the the balance

Balance amount:700

1:Deposit

2:Withdraw

3:Exit

Enter the choice:

3

Process finished with exit code 0