

```

48 do {
49     System.out.println(x: "ENTER A VALID VALUE :\\");
50     System.out.println(x: "CLICK \\1\\" FOR \\WITHDRAW\\");
51     System.out.println(x: "CLICK \\2\\" FOR \\DEPOSIT\\");
52     System.out.println(x: "CLICK \\3\\" FOR \\CHECK BALANCE\\");
53     System.out.println(x: "CLICK \\4\\" FOR \\EXIT\\");
54     whatService = input.nextInt();
55     } while (whatService != 1 && whatService != 2 && whatService != 3 && whatService != 4);
56 }
57 switch (whatService) {
58     case 1 ->
59         withdraw(initial:balance);
60     case 2 ->
61         deposit(initial:balance);
62     case 3 ->
63         checkBalance(initial:balance);
64     case 4 ->
65         exit();
66 }
67 }
68
69 public static void withdraw(int initial) {
70     Scanner input = new Scanner(source: System.in);
71     int balance = initial;
72     if (balance == 0) {
73         System.out.println(x: "your Balance is -ZERO-");
74         System.out.println(x: "you have to deposit to continue. OK?!!");
75         System.out.println(x: "CLICK \\1\\" FOR \\YES\\" AND \\0\\" FOR \\NO\\");
76         int answer = input.nextInt();
77         if (answer != 0 && answer != 1) {
78             do {
79                 System.out.println(x: "ENTER A VALID VALUE :\\");
80                 System.out.println(x: "CLICK \\1\\" FOR \\YES\\" AND \\0\\" FOR \\NO\\");
81                 answer = input.nextInt();
82             } while (answer != 0 && answer != 1);
83         }
84         switch (answer) {
85             case 0 ->
86                 whatDOYouWantToDo(initial:5000);
87             case 1 -> {
88             }
89         }

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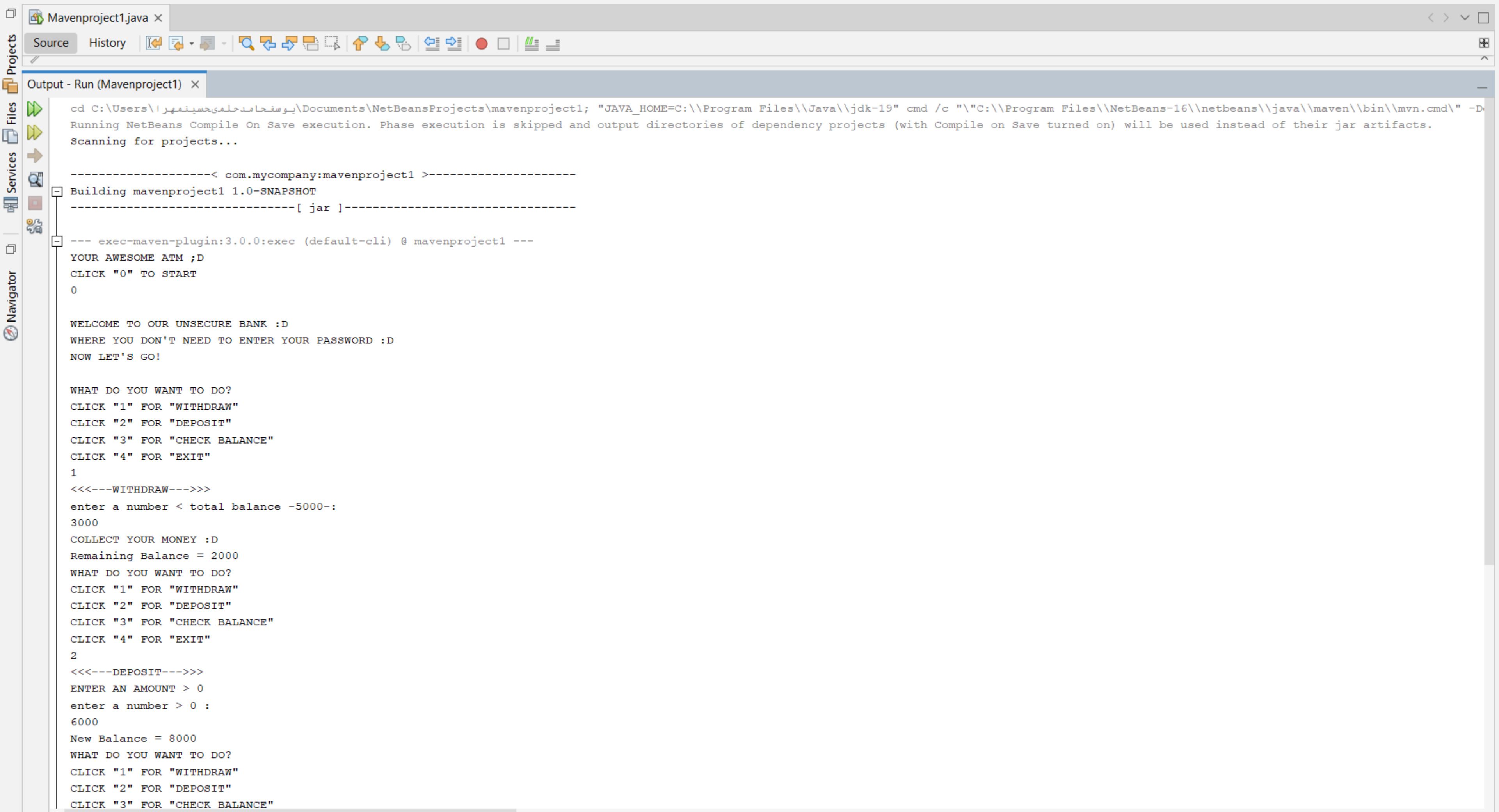
90 }
91 System.out.println(x: "<<<---WITHDRAW--->>>");
92 System.out.println("enter a number < total balance -" + balance + "-: ");
93 int withdraw = input.nextInt();
94 if (withdraw > balance) {
95     do {
96         System.out.println(x: "ERROR...");
97         System.out.println("YOU BALANCE IS ONLY " + balance);
98         System.out.println("enter a number < total balance -" + balance + "-");
99         withdraw = input.nextInt();
100     } while (withdraw > balance);
101 }
102 System.out.println(x: "COLLECT YOUR MONEY :D");
103 int newAmount = balance(initial:balance, withdrawAmount:withdraw, depositAmount:0);
104 if (newAmount == 0) {
105     System.out.println(x: "your Balance is -ZERO-");
106 } else {
107     System.out.println("Remaining Balance = " + newAmount);
108 }
109 whatDOYouWantToDo( initial:newAmount);
110 }
111
112 public static void deposit(int initial) {
113     Scanner input = new Scanner( source: System.in);
114     int balance = initial;
115     System.out.println(x: "<<<---DEPOSIT--->>>");
116     System.out.println(x: "ENTER AN AMOUNT > 0 ");
117     System.out.println(x: "enter a number > 0 : ");
118     int deposit = input.nextInt();
119     if (deposit <= 0) {
120         do {
121             System.out.println(x: "enter a valid value :/");
122             System.out.println(x: "enter a number > 0 : ");
123             deposit = input.nextInt();
124         } while (deposit <= 0);
125     }
126     int newAmount = balance( initial:balance, withdrawAmount:0, depositAmount:deposit);
127     System.out.println("New Balance = " + newAmount);
128     whatDOYouWantToDo( initial:newAmount);
129 }
130
131 public static void checkBalance(int initial) {

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132     int balance = initial;
133     System.out.println(x: "<<<---CHECK BALANCE--->>>");
134     System.out.println("YOU BALANCE IS " + balance);
135     whatDOYouWantToDo( initial:balance);
136 }
137
138 public static void exit() {
139     Scanner input = new Scanner( source: System.in);
140
141     System.out.println(x: "<<<---EXIT--->>>");
142     System.out.println(x: "YOU WILL EXIT THE ATM.\nSURE ABOUT THAT?!");
143     System.out.println(x: "CLICK \"1\" FOR \"YES\" AND \"0\" FOR \"NO\"");
144     int answer = input.nextInt();
145     if (answer != 0 && answer != 1) {
146         do {
147             System.out.println(x: "ENTER A VALID VALUE :\\");
148             System.out.println(x: "CLICK \"1\" FOR \"YES\" AND \"0\" FOR \"NO\"");
149             answer = input.nextInt();
150         } while (answer != 0 && answer != 1);
151     }
152     switch (answer) {
153         case 0 ->
154             whatDOYouWantToDo( initial:5000);
155         case 1 -> {
156             }
157     }
158 }
159
160 public static int balance(int initial, int withdrowAmount, int depositAmount) {
161     return initial - withdrowAmount + depositAmount;
162 }
163 }
164

```



```
CLICK "4" FOR "EXIT"
3
<<<---CHECK BALANCE--->>>
YOU BALANCE IS 8000
WHAT DO YOU WANT TO DO?
CLICK "1" FOR "WITHDRAW"
CLICK "2" FOR "DEPOSIT"
CLICK "3" FOR "CHECK BALANCE"
CLICK "4" FOR "EXIT"
4
<<<---EXIT--->>>
YOU WILL EXIT THE ATM.
SURE ABOUT THAT?!!
CLICK "1" FOR "YES" AND "0" FOR "NO"
1
```

BUILD SUCCESS

Total time: 01:07 min
Finished at: 2022-12-23T19:25:14+02:00
