

<https://github.com/Sonika5113/Java-Atm-Machine-project/blob/main/Atm.java>

eclipse-workspace - Atm/src/Atm/Atm.java - Eclipse IDE

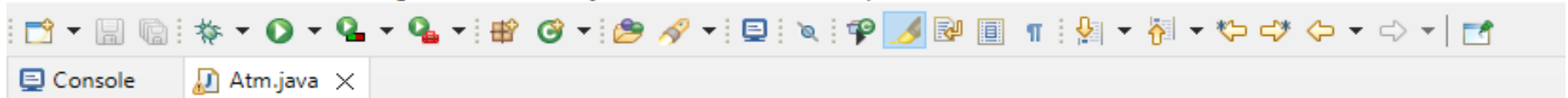
File Edit Source Refactor Navigate Search Project Run Window Help

Console Atm.java X

```
1 package Atm;
2 import java.util.Scanner;
3 public class Atm {
4
5     public static void main(String[] args) {
6         Scanner scanner = new Scanner(System.in);
7         int balance = 100000;
8         int withdraw, deposit;
9         int pin = 1234;
10        boolean loggedIn = false;
11        System.out.print("Enter your PIN: ");
12        int enteredPin = scanner.nextInt();
13
14        // Validate PIN
15        if (enteredPin == pin) {
16            System.out.println("Login successful!");
17            loggedIn = true;
18        }
19        else
20        {
21            System.out.println("Invalid PIN. Please try again later.");
22        }
23        while (true) {
24            System.out.println("Welcome to the ATM machine");
25            System.out.println("1. Withdraw Money");
26            System.out.println("2. Deposit Money");
27            System.out.println("3. Check Balance");
28            System.out.println("4. Quit");
29
30            int choice = scanner.nextInt();
31            switch (choice) {
32                case 1:
33                    System.out.println("Enter amount to withdraw:");
34                    withdraw = scanner.nextInt();
35                    if (balance >= withdraw) {
36                        balance -= withdraw;
37                        System.out.println("You have withdrawn " + withdraw + " rupees.");
38                    } else {
39                        System.out.println("Insufficient balance");
```

eclipse-workspace - Atm/src/Atm/Atm.java - Eclipse IDE

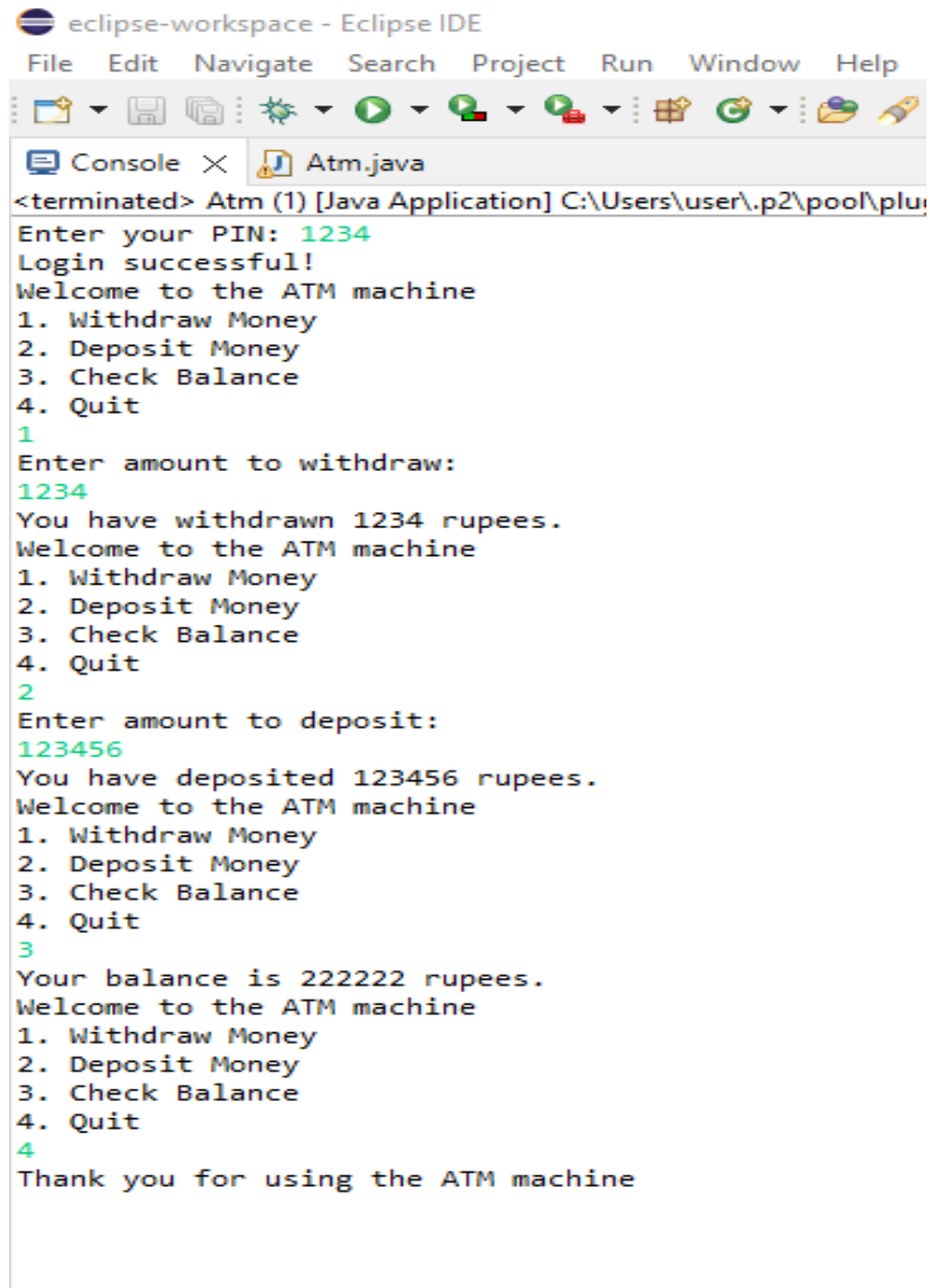
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Console

Atm.java X

```
26 System.out.println("2. Deposit Money");
27 System.out.println("3. Check Balance");
28 System.out.println("4. Quit");
29
30 int choice = scanner.nextInt();
31 switch (choice) {
32     case 1:
33         System.out.println("Enter amount to withdraw:");
34         withdraw = scanner.nextInt();
35         if (balance >= withdraw) {
36             balance -= withdraw;
37             System.out.println("You have withdrawn " + withdraw + " rupees.");
38         } else {
39             System.out.println("Insufficient balance");
40         }
41         break;
42
43     case 2:
44         System.out.println("Enter amount to deposit:");
45         deposit = scanner.nextInt();
46         balance += deposit;
47         System.out.println("You have deposited " + deposit + " rupees.");
48         break;
49
50     case 3:
51         System.out.println("Your balance is " + balance + " rupees.");
52         break;
53
54     case 4:
55         System.out.println("Thank you for using the ATM machine");
56         System.exit(0);
57
58     default:
59         System.out.println("Invalid choice");
60 }
61 }
62 }
63 }
64 }
```



The screenshot shows the Eclipse IDE interface. The title bar reads 'eclipse-workspace - Eclipse IDE'. The menu bar includes 'File', 'Edit', 'Navigate', 'Search', 'Project', 'Run', 'Window', and 'Help'. The toolbar contains icons for file operations and running. The console window is active, showing the output of a Java application named 'Atm (1) [Java Application]'. The application prompts for a PIN, which is entered as '1234', and successfully logs in. It then displays a menu with four options: '1. Withdraw Money', '2. Deposit Money', '3. Check Balance', and '4. Quit'. The user selects option 1, enters '1234' as the amount to withdraw, and receives confirmation. The user then selects option 2, enters '123456' as the amount to deposit, and receives confirmation. Finally, the user selects option 4, and the application displays 'Thank you for using the ATM machine'.

```
<terminated> Atm (1) [Java Application] C:\Users\user\.p2\pool\plu
Enter your PIN: 1234
Login successful!
Welcome to the ATM machine
1. Withdraw Money
2. Deposit Money
3. Check Balance
4. Quit
1
Enter amount to withdraw:
1234
You have withdrawn 1234 rupees.
Welcome to the ATM machine
1. Withdraw Money
2. Deposit Money
3. Check Balance
4. Quit
2
Enter amount to deposit:
123456
You have deposited 123456 rupees.
Welcome to the ATM machine
1. Withdraw Money
2. Deposit Money
3. Check Balance
4. Quit
3
Your balance is 222222 rupees.
Welcome to the ATM machine
1. Withdraw Money
2. Deposit Money
3. Check Balance
4. Quit
4
Thank you for using the ATM machine
```