

NUESCA, GEENA MAE G.
BSIT 2-4 OOP MIDTERM ACT#3

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ATMWithdrawalLimit.java
1 // NUESCA, Geena Mae G. - BSIT24
2 package MidtermActivity3;
3
4 import java.util.Scanner;
5
6 public class ATMWithdrawalLimit {
7
8     public static void main(String[] args) {
9
10        Scanner sc = new Scanner(System.in);
11
12        double bal = 9000.00;
13        int choice;
14
15        do {
16            System.out.println("\n==== ATM MENU =====");
17            System.out.println("1. Check Balance");
18            System.out.println("2. Deposit");
19            System.out.println("3. Withdraw");
20            System.out.println("4. Exit");
21
22            System.out.print("---> Choose your transaction: ");
23            choice = sc.nextInt();
24
25            switch (choice) {
26
27                case 1:
28                    System.out.println("Balance: " + bal);
29                    break;
30
31                case 2:
32                    System.out.print("Enter amount to be deposited: ");
33                    double dep = sc.nextDouble();
34
35                    bal = bal + dep;
36                    System.out.println("New balance: " + bal);
37                    break;
38
39                case 3:
40                    System.out.print("Enter amount to be withdrawn: ");
41                    double with = sc.nextDouble();
42
43                    if (with > 3000.00) {
44                        System.out.println("Withdrawal Limit Exceeded.");
45                    }
46                    else if (with > bal) {
47                        System.out.println("Insufficient Balance.");
48                    }
49                    else {
50                        bal = bal - with;
51                        System.out.println("Remaining balance: " + bal);
52                    }
53                    break;
54
55                case 4:
56                    System.out.println("\nThank you for using the ATM Machine.");
57                    break;
58
59                default:
60                    System.out.println("Invalid.");
61                    break;
62            }
63
64        } while (choice != 4);
65
66        sc.close();
67    }
68 }
```

```
==== ATM MENU =====
1. Check Balance
2. Deposit
3. Withdraw
4. Exit
---> Choose your transaction: 2
Enter amount to be deposited: 1000
New balance: 10000.0

==== ATM MENU =====
1. Check Balance
2. Deposit
3. Withdraw
4. Exit
---> Choose your transaction: 3
Enter amount to be withdrawn: 4000
Withdrawal Limit Exceeded.

==== ATM MENU =====
1. Check Balance
2. Deposit
3. Withdraw
4. Exit
---> Choose your transaction: 3
Enter amount to be withdrawn: 2500
Remaining balance: 7500.0

==== ATM MENU =====
1. Check Balance
2. Deposit
3. Withdraw
4. Exit
---> Choose your transaction: 1
Balance: 7500.0

==== ATM MENU =====
1. Check Balance
2. Deposit
3. Withdraw
4. Exit
---> Choose your transaction: 4

Thank you for using the ATM Machine.
```

```
==== ATM MENU =====
1. Check Balance
2. Deposit
3. Withdraw
4. Exit
---> Choose your transaction: 3
Enter amount to be withdrawn: 3000
Remaining balance: 6000.0

==== ATM MENU =====
1. Check Balance
2. Deposit
3. Withdraw
4. Exit
---> Choose your transaction: 3
Enter amount to be withdrawn: 3000
Remaining balance: 0.0

==== ATM MENU =====
1. Check Balance
2. Deposit
3. Withdraw
4. Exit
---> Choose your transaction: 3
Enter amount to be withdrawn: 10000
Withdrawal Limit Exceeded.

==== ATM MENU =====
1. Check Balance
2. Deposit
3. Withdraw
4. Exit
---> Choose your transaction: 3
Enter amount to be withdrawn: 2999
Insufficient Balance.
```