TASK 3) ATM INTERFACE

```java
import java.util.Scanner;
class BankAccount {
double balance;
BankAccount(double balance) {
this.balance = balance;
}
void deposit(double amount) {
if (amount > 0) {
balance += amount;
System.out.println("Money deposited successfully.");
} else {
System.out.println("Enter a valid amount.");
}
}
void withdraw(double amount) {
if (amount > 0 && amount <= balance) {
balance -= amount;
System.out.println("Money withdrawn successfully.");
} else {
System.out.println("Insufficient balance or invalid amount.");
}
}
```

```java
void checkBalance() {
System.out.println("Current Balance: ₹" + balance);
}
}
public class ATM {
public static void main(String[] args) {
Scanner sc = new Scanner(System.in);
BankAccount account = new BankAccount(1000);
int choice;
do {
System.out.println("\n--- ATM Menu ---");
System.out.println("1. Check Balance");
System.out.println("2. Deposit Money");
System.out.println("3. Withdraw Money");
System.out.println("4. Exit");
System.out.print("Enter your choice: ");
choice = sc.nextInt();
switch (choice) {
case 1:
account.checkBalance();
break;
case 2:
System.out.print("Enter amount to deposit: ₹");
double depositAmount = sc.nextDouble();
account.deposit(depositAmount);
break;
case 3:
System.out.print("Enter amount to withdraw: ₹");
double withdrawAmount = sc.nextDouble();
account.withdraw(withdrawAmount);
break;
case 4:
```

```java
System.out.println("Thank you! Visit again.");
break;
default:
System.out.println("Invalid choice.");
}
} while (choice != 4);
sc.close();
}
}
```

OUTPUT:-

```
--- ATM Menu ---
1. Check Balance
2. Deposit Money
3. Withdraw Money
4. Exit
Enter your choice: 1
Current Balance: ?1000.0

--- ATM Menu ---
1. Check Balance
2. Deposit Money
3. Withdraw Money
4. Exit
Enter your choice: 2
Enter amount to deposit: ?2000
Money deposited successfully.

--- ATM Menu ---
1. Check Balance
2. Deposit Money
3. Withdraw Money
4. Exit
Enter your choice: 3
Enter amount to withdraw: ?3000
Money withdrawn successfully.

--- ATM Menu ---
1. Check Balance
2. Deposit Money
3. Withdraw Money
4. Exit
Enter your choice: 4
Thank you! Visit again.
```