

# **JAVA PROJECT**

## **(Aravindh 19F201)**

### **TITLE: ATM INTERFACE**

#### **Description:**

So this project is all about how to create an ATM interface. It can display all the functionalities that an actual ATM display does.

This is a Java Program to Display the ATM Transaction.

The user will choose from any one of the available options as input. Different cases using switch case have been provided for different operations like withdraw, deposit and check balance.

Here is the source code of the Java Program to Display the ATM Transaction. The Java program is successfully compiled and run on a Windows system.

**Technology used:** java

#### **Project implementation:**

1. Here we are using Eclipse IDE for the Project Implementation.

2. Initially create three classes I.e. User.java, Account. Java, Transaction.java. We have to code simultaneously in these three classes.
3. After the use, you can select Quit option which will help to directly log out through the web app.

### **Benefits of project:**

- 1.java concept practice
- 2.handling of many classes
- 3.practice on actual IDE

### **SOURCE CODE:**

```
Import java.util.Scanner;
```

```
Public class ATM
```

```
{
```

```
Public static void main(String args[] )
```

```
{
```

```
Int balance = 5000, withdraw, deposit;
```

```
Scanner s = new Scanner(System.in);
```

```
While(true)
```

```
{
```

```
System.out.println("Automated Teller Machine");
```

```
System.out.println("Choose 1 for Withdraw");
```

```
System.out.println("Choose 2 for Deposit");
```

```
System.out.println("Choose 3 for Check Balance");
```

```
System.out.println("Choose 4 for EXIT");
```

```
System.out.print("Choose the operation you want to  
perform:");
```

```
Int n = s.nextInt();
```

```
Switch(n)
```

```
{
```

```
Case 1:
```

```
System.out.print("Enter money to be withdrawn:");
```

```
Withdraw = s.nextInt();
```

```
If(balance >= withdraw)
```

```
{
```

Balance = balance – withdraw;

System.out.println("Please collect your money");

}

Else

{

System.out.println("Insufficient Balance");

}

System.out.println("");

Break;

Case 2:

System.out.print("Enter money to be deposited:");

Deposit = s.nextInt();

Balance = balance + deposit;

```
System.out.println("Your Money has been successfully  
deposited");
```

```
    System.out.println("");
```

```
Break;
```

```
Case 3:
```

```
System.out.println("Balance : "+balaBreak
```

```
    System.out.println("");
```

```
Break;
```

```
Case 4:
```

```
System.exit(0);
```

```
}}}}
```

## OUTPUT:

```
Automated Teller Machine
Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT
Choose the operation you want to
perform:3
Balance : 10000
```

```
Automated Teller Machine
Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT
Choose the operation you want to
perform:1
Enter money to be withdrawn:1000
1
Insufficient Balance
```

```
Automated Teller Machine
Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT
Choose the operation you want to
perform:4
```

```
...Program finished with exit co
de 0
Press ENTER to exit console.
```

**Conclusion:**

The java project ATM interface is executed and run successfully