CORE JAVA PROJECT

PROJECT TITLE : ATM INTERFACE

- AIM : To achieve simple ATM operations using oops concepts without any interruptions.
- LANGUAGES :
  - JAVA
- **SOFTWARE REQUIREMENTS:**
  - Eclipse for java.

SYNOPSIS:

- In this ATM INTERFACE project,it is charged with the task of Display ,deposit and withdraw amount.

- **Key Features of the ATM Machine project:**
- The java Program can Display the ATM Transaction
- The user can deposit money from this ATM Machine project
- The user can withdraw cash from this ATM Machine project
- The user can check the bank account balance

SUMMARY :

ATM users can deposit money to the bank by choosing the deposit option. The java program will simply get the deposit amount from the user and add the money to the user's account.

Users can withdraw money from their bank account through the program by selecting the withdrawal option. After a successful transaction, the ATM machine will deduct the amount from the central bank account.

The user can also check their existing bank account total balance using the checking account balance option.

Finally, the exit option will simply exit the users from the ATM machine program and return the user to the default main menu.

INITIAL SETUP:

(IN JAVA):

PROJECT NAME : VASANTH

PACKAGE NAME : com.vasanth

CLASSES NAME: ATM_MACHINE

ATM_INTERFACE MAIN:

**********CORE JAVA PROJECT**********

* CSR CAPGEMINI TRAINING PROJECT

* EDUBRIDGE INDIA PRIVATE LIMITED

* PROJECT TITLE: ATM INTERFACE

* UNDER THE GUIDENCE OF TRAINER MRS.INDRAKKA MALLI

* @DONE BY VASANTH S

- IN ATM INTERFACE :

  The main operations are

- The java Program can Display the ATM Transaction
- The user can deposit money from this ATM Machine project
- The user can withdraw cash from this ATM Machine project
- The user can check the bank account balance

ATM_INTERFACE.JAVA :

```
// THIS PROGRAM IS EXCECUTE TO DISPLAY THE ATM
INTERFACE::)
package com.vasanth;

import java.util.Scanner;

        public class ATM_Machine
        {
            public static void main(String args[] )

            {

            int pin = 1234;

             int balance = 50000,withdraw,deposit;

             Scanner sc = newScanner(System.in);

System.out.println("****WELCOME TO MY ATM*******");
```

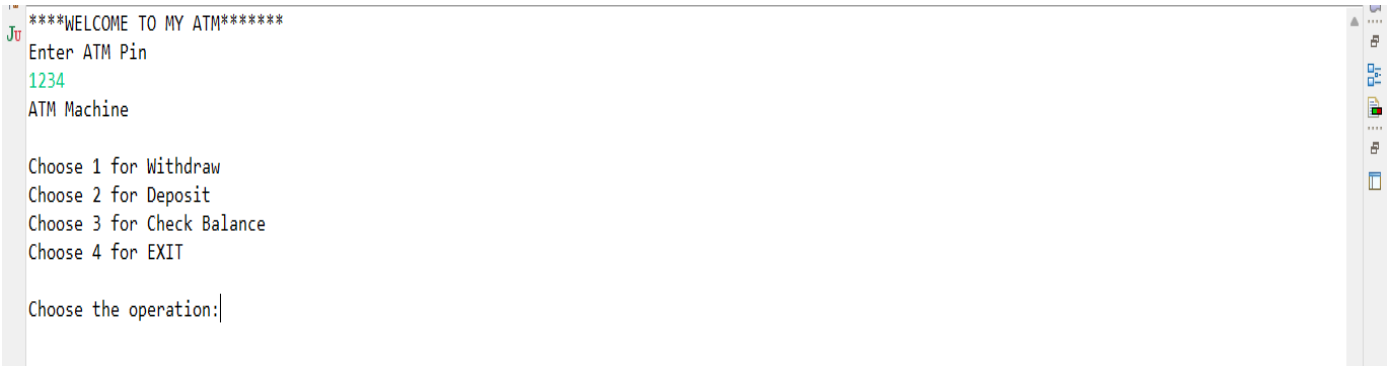
```
System.out.println("Enter ATM Pin");
         int apin = sc.nextInt();
            if(pin==apin) {

                  while(true)
                  {
        System.out.println("ATM Machine\n");
     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\n");

System.out.print("Choose the operation:");
                     //get choice from user
              Scanner sc1 = new Scanner(System.in);
                     int choice = sc1.nextInt();
                     switch(choice)
                     {
case 1:
 System.out.print("Enter money to be withdrawn:");
                 //get the withdraw money from user
```

```
                withdraw = sc1.nextInt();

     //check whether the balance is greater than or
equal to the withdrawal amount

                if(balance >= withdraw)

                {
    //remove the withdraw amount from the total
balance
              balance = balance - withdraw;

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

                }

                Else

                {
    //show custom error message

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

                }

                System.out.println("");

                break;

     case 2:

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

                //get deposit amount from to user

                deposit = sc1.nextInt();
```

```
 //add the deposit amount to the total balance

                balance = balance + deposit;
  System.out.println("Your Money has been
successfully depsited");

         System.out.println("");

                break;

 case 3:

         //displaying the total balance of the user

   System.out.println("Balance : "+balance);

                System.out.println("");

                break;

case 4:
                //exit from the menu

    System.out.println("Thank You For Using");

                System.exit(0);

default :

              System.out.println("INVALID INPUT");

                   }

                   }

            }  } }
```

OUTPUT :

DISPLAY ATM INTERFACE :



DISPLAY BALANCE :

DISPLAY WITHDRAW

```
ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:1
Enter money to be withdrawn:10000
Please collect your money

ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:3
Balance : 40000

ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:
```

DISPLAY DEPOSIT :

```
ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:2
Enter money to be deposited:50000
Your Money has been successfully depsited

ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:3
Balance : 90000

ATM Machine

Choose 1 for Withdraw
Choose 2 for Deposit
Choose 3 for Check Balance
Choose 4 for EXIT

Choose the operation:
```

CONCLUSION :

Using the java code In eclipse,ATM_INTERFACE has been executed successfully without any interruptions.