```java
import java.util.Scanner;

class Atm
{
    float balance;
    int PIN=6009;

    public void checkpin()
    {

    System.out.println("Enter PIN Number");
    Scanner sc=new Scanner(System.in);
    int enterpin=sc.nextInt();
    if(enterpin==PIN){
    menu();
    }
    else{
        System.out.println("Wrong Input");


    }
    }

    public void menu(){
        System.out.println("Enter Your Choice:");
        System.out.println("1. Check Balance");
        System.out.println("2. Withdraw Cash");
        System.out.println("3. Deposit Cash");
        System.out.println("4. EXIT");

        Scanner sc=new Scanner(System.in);
        int opt=sc.nextInt();
```

```java
        if(opt==1){

            checkbalance();

            menu();

        }

        else if(opt==2){

            withdrawcash();

            menu();


        }

        else if(opt==3){

            depositcash();

            menu();

        }

        else if(opt==4){

            return;

        }

        else{

            System.out.println("Enter Valid Details");

        }


    }

    public void checkbalance(){

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

        menu();

    }

    public void withdrawcash(){

        Scanner sc=new Scanner(System.in);

        System.out.println("Enter Amount to Withdraw");

        float amount=sc.nextFloat();

        if(amount>balance){
```

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

        }

        else{

            balance=balance-amount;


            System.out.println(" Cash Withdrawn Successfully.");

        }

        menu();


    }


    public void depositcash(){

        Scanner sc=new Scanner(System.in);

        System.out.println("Enter the amount to deposit");

        float amount=sc.nextFloat();

        balance=balance+amount;

        System.out.println("Cash Deposited Successfully");

    }


}




public class ATMmachine

{


    public static void main(String[] args) {


        Atm obj=new Atm();
```

```
            obj.checkpin();


        }



}



    #OUTPUT
```



```
PS C:\Users\hp>  & 'C:\Program Files\Java\jdk-21\bin\java.exe' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\hp\AppData\Local\Temp\vscodesws_66f22\jdt
_ws\jdt.ls-java-project\bin' 'ATMmachine'
Enter PIN Number
6009
Enter Your Choice:
1. Check Balance
2. Withdraw Cash
3. Deposit Cash
4. EXIT
1
Balance0.0
Enter Your Choice:
1. Check Balance
2. Withdraw Cash
3. Deposit Cash
4. EXIT
3
Enter the amount to deposit
3000
Cash Deposited Successfully
Enter Your Choice:
1. Check Balance
2. Withdraw Cash
3. Deposit Cash
4. EXIT
```