```java
import java.util.Scanner;

class Atm
{
    float balance;
    int PIN=3467;

    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        System.out.println(" Cash Withdrawn Successfully.");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\vsc
odesws_f8456\jdt_ws\jdt.ls-java-project\bin' 'ATMmachine'
Enter PIN Number
3467
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
1000
Cash Deposited Successfully
Enter Your Choice:
1. Check Balance
2. Withdraw Cash
3. Deposit Cash
4. EXIT
```