import java.util.Scanner;

class ATM{

float balance;

int PIN=4554;

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 Money");

System.out.println("3. Deposit Money");

System.out.println("4. EXIT");

Scanner sc=new Scanner(System.in);

int opt=sc.nextInt();

if(opt==1){

checkbalance();

menu();

}

else if(opt==2){

withdrawmoney();

menu();

}

else if(opt==3){

depositmoney();

menu();

}

else if(opt==4){

return;

}

else{

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

}

}

public void checkbalance(){

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

menu();

}

public void withdrawmoney(){

Scanner sc=new Scanner(System.in);

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

float amount=sc.nextFloat();

if(amount>balance){

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

}

else{

balance=balance-amount;

System.out.println(" Money Withdrawn Successfully.");

}

menu();

}

public void depositmoney(){

Scanner sc=new Scanner(System.in);

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

float amount=sc.nextFloat();

balance=balance+amount;

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

}

}

public class ATMmachine {

public static void main(String[] args) {

ATM obj=new ATM();

obj.checkpin();

}

}

#OUTPUT

