import java.util.Scanner;

public class Machine {

public static void main(String[] args) {

float balance = 80000;

int pin;

int choice;

int pretransection=0;

int trail=3;

Scanner sc = new Scanner(System.in);

System.out.println("Welcome To MyBanking");

while (trail!=0){

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

System.out.println("Enter UserID:");

int id=sc.nextInt();

System.out.println("Enter your pin:");

pin = sc.nextInt();

if (pin != 7788) {

System.out.print("\u000C");

System.out.println("invalid pin");

trail -= 1;

System.out.println("Attempts Left:" + trail);

if(trail==0){

System.out.println("Operation Terminated");

}

} if (pin==7788) {

System.out.print("\u000C");

do {

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

System.out.println("1.Withdraw Cash\n2.Deposite Cash\n3.Transfer Amount\n4.Previous transaction\n5.Quit");

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

System.out.println("Enter Choice:");

choice = sc.nextInt();

switch (choice) {

case 1:

System.out.print("\u000C");

System.out.println("Your Selected option is: " + "Withdraw Cash");

float amount;

System.out.println("Enter Amount:");

amount = sc.nextFloat();

if (amount < balance) {

float newbalance = balance - amount;

System.out.println("Transaction Successful!!!");

System.out.println("Account balance:" + newbalance);

pretransection+=1;

} else {

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

}

break;

case 2:

System.out.print("\u000C");

System.out.println("your selected option is:" + "Deposite cash");

float Newamount;

System.out.println("Enter Amount:");

Newamount = sc.nextFloat();

Newamount = balance + Newamount;

System.out.println("Cash Deposite Successfully!!!");

System.out.println("Account Balance:" + Newamount);

pretransection+=1;

break;

case 3:

System.out.print("\u000C");

System.out.println("your selected Option is:" + "Transfer Amount");

int user;

System.out.println("Enter Account Number of Receiver:");

user = sc.nextInt();

//System.out.println("Enter receivers name:");

//String Name=sc.nextLine();

//System.out.println("receivers Name"+Name);

System.out.println("Enter amount:");

float Newamount2 = sc.nextFloat();

if (balance > Newamount2) {

System.out.println("Amount Transferred To Account Number:" + user);

System.out.println("Transaction Successful!!!");

//System.out.println(Newamount2+"rs Send to"+Name);

balance = balance - Newamount2;

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

pretransection+=1;

} else {

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

}

break;

case 4:

System.out.print("\u000C");

System.out.println("you Selected the option:"+"Transaction History");

if (pretransection>=1){

System.out.println("Previous Transaction :"+pretransection);

}

else{

System.out.println("No Transaction Occurred.");

}

case 5:

break;

default:

System.out.print("\u000C");

System.out.println("Invalid Option");

}

}while(choice!=5);

System.out.print("\u000C");

System.out.println("Happy To help You");

break;

}}

}

}