import java.util.\*;

class HelloWorld {

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

Bankservices q=new Bankservices();

q.bankdetail();

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

int pwd=sc.nextInt();

if(pwd==325){

while(true){

System.out.println("1.Deposit\n 2.Withdraw\n 3.checkBal\n 4.Exit");

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

int choice=sc.nextInt();

switch(choice){

case 1: q.Deposit();

break;

case 2:q.Withdraw();

break;

case 3:q.CheckBal();

break;

case 4: return;

default: System.out.println("Invalid Choice");

}

}

}

else{

System.out.println("Wrong Password");

}

}}

abstract class Bank{

public String Name="SBI";

public String ifsc="SBI2013";

public void bankdetail(){

System.out.println("Bank Name: "+Name+", IFSC CODE: "+ifsc);

}

abstract void Deposit();

abstract void Withdraw();

abstract void CheckBal();

}

class Bankservices extends Bank{

private double bal=9000;

void Deposit(){

Scanner sc=new Scanner(System.in);

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

double money=sc.nextDouble();

bal=bal+money;

System.out.println(bal);

}

void Withdraw(){

Scanner sc=new Scanner(System.in);

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

double remov=sc.nextDouble();

bal=bal-remov;

System.out.println(bal);

}

void CheckBal(){

System.out.println(bal);

}

}