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//SE-10(E10)

//23201

/\*Problem statement

\*Banking system having following operations :

\* 1. Create an account 2. Deposit money 3. Withdraw money

\* 4. Honor daily withdrawal limit 5. Check the balance 6. Display Account information.

\*/

**package** Banking\_system;

**import** java.util.\*;

**class** bank{

Scanner sc ;

bank(){

sc = **new** Scanner(System.***in***);

}

}

**class** acc **extends** bank{

Float balance;

String name,contact,type,no;

**boolean** eligibilty;

Float withdrawal;

**void** create() {

**if**(eligible()==**false**) {

System.***out***.print("no eligible"); **return**;

}

System.***out***.print("Enter the type of acc : ");

type=sc.next();

System.***out***.print("Enter the name : ");

name=sc.next();

System.***out***.print("Enter the contact : ");

contact=sc.next();

System.***out***.print("Enter the acc number : ");

contact=sc.next();

}

**void** checkbalance() {

**if**(balance==0) {

System.***out***.print("\n balance cannot be zero\n");

**return**;

}

}

**void** display() {

System.***out***.println("NUMBER: "+ no + ", NAME: "+ name +"CONTACT; "+ contact + "BALANCE: "+balance);

}

**boolean** eligible() {

System.***out***.print("do youhave adhar card number enter yes if you do\n ");

**if**(sc.next()=="yes"){

**return** **true**;

}

**else** {

System.***out***.print("not eligible");

**return** **false**;}

}

**void** deposite() {

System.***out***.print("\nEnetr the amount to be deposited");

balance=balance+sc.nextFloat();

}

**void** withdraw() {

System.***out***.print("\nEnetr the amount to be withdrawn");

withdrawal = sc.nextFloat();

**if**(withdrawal>=50000) {

System.***out***.print("you have reached maximum withdrawal amount\n");

**return**;

}

checkbalance();

balance=balance - withdrawal ;

}

}

**public** **class** SOI {

**public** **static** **void** main(String[] args) {

**int** x=0;

acc obj = **new** acc();

Scanner sc = **new** Scanner(System.***in***);// **TODO** Auto-generated method stub

**do** {

System.***out***.println("\nenter 1.create acc 2.deposite 3.wuthdraw 4.update passbook 5.end") ;

x = sc.nextInt();

**switch**(x) {

**case** 1 : obj.create(); **break**;

**case** 2 : obj.deposite(); **break**;

**case** 3 : obj.withdraw(); **break**;

**case** 4: obj.display(); **break**;

**default** : **break**;

}

}**while**(x!=5);

}

}