```
import java.util.*;
class Bank {
public static void main() {
boolean next = true;
Scanner in = new Scanner(System.in);
while(next) {
System.out.println("1. Savings account and 2. Current Account");
System.out.println("Enter type of account");
int n = in.nextInt();
String s = in.nextLine();
if (n == 1)
{
Sav_acct = new Sav_acct();
System.out.println("Enter account number");
ob.accno = in.nextInt();
System.out.println("Enter name");
ob.name = in.nextLine();
ob.acceptBalance();
ob.compute()
ob.withdraw()
ob.display();
}
else {
curr_acct ob = new curr_acct();
System.out.println("Enter name");
ob.name = in.nextLine();
System.out.println("Enter account number:");
```

```
ob.accno = in.nextInt();
ob.acceptBalance();
ob.checkmin();
ob.withdraw();
ob.display();
}
else System.out.println("Enter 1 for next, 2 for exit");
int c=sc.nextInt();
if(c==1) continue;
else
  next=false;
}
}
}

Class Account {
String name;
int accno;
String acctype;
}
class curr_acct extends Account {
double balance;
accept void acceptbalance() {
Scanner in = new Scanner(System.in);
System.out.println("Enter deposit amount");
double d= in.nextDouble();
balance += d;
}
```

```
void display () {
System.out.println ("Balance : "+balance);
}
Void withdraw () {
Scanner in = new Scanner (System.in);
System.out.println ("Enter amount to withdraw ");
int w = in.nextInt ();
balance -= w;
}
Void checkmin () {
if (balance <= 500) {
balance -= 50;
System.out.println (Service charge of Rs.50/- has been imposed)
}
}
Void chapbk () {
System.out.println ("Name:" + super.name);
System.out.println ("Account Number : "+super.accno);
System.out.println ("Balance : "+balance);
System.out.println ("Account type = Current account");
}
}
Class Sav-acct extends Account {
double balance ;
Void acceptBalance () {
Scanner in = new Scanner (System.in);
System.out.println ("Enter deposit amount ");
```

```
double d = @in.nextDouble();
 balance += d;
}
Void display() {
System.out.println("Balance @: " + balance);
}
Void compute() {
 Scanner @in = new Scanner(System.in);
 System.out.println("Enter duration in months ");
 int n = in.nextInt();
 Balance += (0.035 * n);
 }
 Void withdraw() {
 Scanner in = new scanner(System.in);
 System.out.println("Enter amount to withdraw");
 int w = @in.nextInt();
 Balance -= w;
 }
 }
```

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```
import java.util.*;
class Bank {
    public static void main(String args[]) {
        boolean nxt=true;
        Scanner sc=new Scanner(System.in);
        while(nxt) {
            System.out.println("1.Savings Account");
            System.out.println("2.Current Account");
            System.out.println("Enter type of account");
            int n=sc.nextInt();
            String s=sc.nextLine();
            if(n==1) {
                Sav_acct ob=new Sav_acct();
                System.out.println("Enter name");
                ob.name=sc.nextLine();
                System.out.println("Enter acc number");
                ob.accno=sc.nextInt();
                ob.acceptBalance();
                ob.display();
                ob.compute();
                ob.withdraw();
            }
            else {
                Curr_acct ob=new Curr_acct();
                System.out.println("Enter name");
                ob.name=sc.nextLine();
                System.out.println("Enter acc number");
                ob.accno=sc.nextInt();
                ob.acceptBalance();
                ob.checkmin();
                ob.display();
                ob.withdraw();
            }
            System.out.println("Enter 1 for next customer, 2 to end");
            int c=sc.nextInt();
            if(c==1)
```

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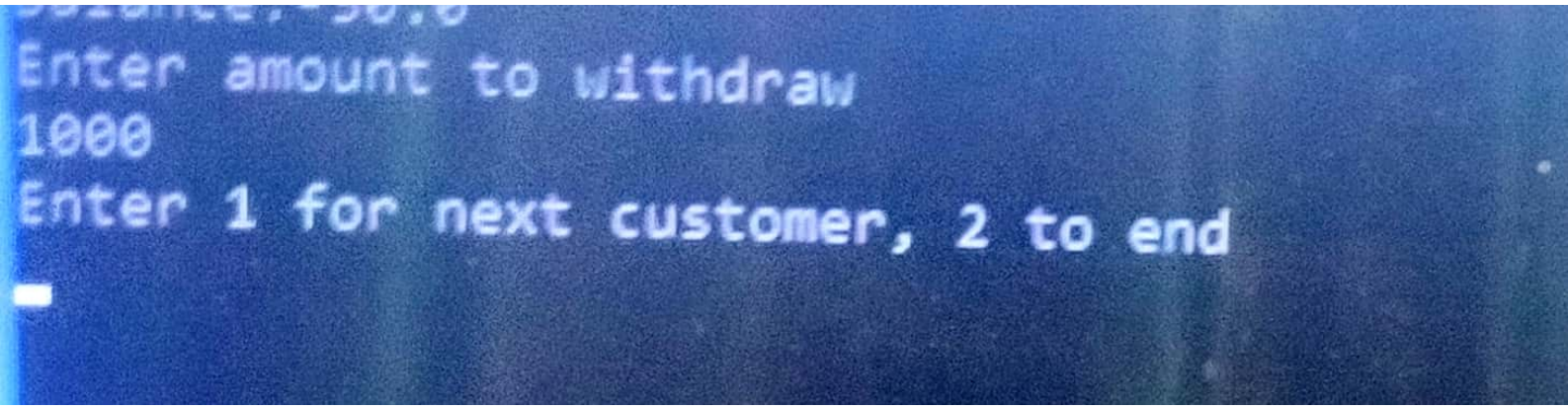
```
                continue;
            else
                nxt=false;
            }
        }
}
class Account  {
    String name;
    int accno;
    String acctype;
}
class Curr_acct extends Account {
    double balance;
    void acceptBalance() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter deposit amount");
        double d=sc.nextDouble();
        balance+=d;
    }
    void display() {
        System.out.println("Balance:"+balance);
    }
    void withdraw() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter amount to withdraw");
        int w=sc.nextInt();
        balance-=w;
    }
    void checkmin() {
        if(balance<500)
            balance-=50;
        System.out.println("Service charge of Rs.50/- has been imposed");
    }
    void chqbk() {
        System.out.println("Name:"+super.name);
        System.out.println("Account Number:"+super.accno);
```

```
        System.out.println("Balance:"+balance);
        System.out.println("Account type: Current account");
    }
}
class Sav_acct extends Account {
    double balance;
    void acceptBalance() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter deposit amount");
        double d=sc.nextDouble();
        balance+=d;
    }
    void display() {
        System.out.println("Balance:"+balance);
    }
    void compute() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter Duration in months");
        int n=sc.nextInt();
        balance+=(0.025*n);
    }
    void withdraw() {
        Scanner sc=new Scanner(System.in);
        System.out.println("Enter amount to withdraw");
        int w=sc.nextInt();
        balance-=w;
    }
}
```

```
C:\Users\Lenovo\Desktop\ja>java Bank
1.Savings Account
2.Current Account
Enter type of account
1
Enter name
A
Enter acc number
1
Enter deposit amount
10
Balance:10.0
Enter Duration in months
20
Enter amount to withdraw
10
Enter 1 for next customer, 2 to end
1
1.Savings Account
2.Current Account
Enter type of account
2
Enter name
B
Enter acc number
2
Enter deposit amount
20
Service charge of Rs.50/- has been imposed
Balance:-30.0
```



```
import java.util.*;
class Demo
{
public static void main()
{
Rectangle obj = new Rectangle();
obj.printarea();
Circle obj2 = new Circle();
obj2.printarea();
Triangle obj3 = new Triangle();
obj3.printarea();
}
}
abstract class Shape{
int i,j;
void getdata()
{
}
}
class Rectangle extends Shape{
{
void printarea()
{
Scanner in = new Scanner(System.in);
System.out.println("Enter length");
super.i = in.nextint();
System.out.println("Enter breadth");
```

```
super.j = in.nextInt();
System.out.println("Area = " + (super.i * super.j));
}
}
class Circle extends Shapes
{
  void getprint area()
  {
   Scanner in = new Scanner(System.in);
   System.out.println("Enter radius :");
   super.i = in.nextInt();
   System.out.println("Area = " + (3.14 * super.i * super.j));
  }
  }
  class Triangle extends Shapes
  {
   void printarea()
   {
    Scanner in = new Scanner(System.in);
    System.out.println("Enter base");
    super.i = in.nextInt();
     System.out.println("Enter height");
     super.j = in.nextInt();
     System.out.println("Area = " + (0.5 * super.i * super.j));
    }
    }
```

```
import java.util.*;
abstract class Shape
{
int i,j;
void printarea()
{
}
}
class rectangle extends Shape
{
void printarea()
{
Scanner in=new Scanner(System.in);
System.out.println("enter the length:");
super.i=in.nextInt();
System.out.println("enter the breadth:");
super.j=in.nextInt();
int r=super.i*super.j;
System.out.println("area of Rectangle is "+r);
}
}
class triangle extends Shape
{
void printarea()
{
Scanner in=new Scanner(System.in);
System.out.println("enter the base");
super.i=in.nextInt();
System.out.println("enter the hieght");
super.j=in.nextInt();
double r=0.5*super.i*super.j;
```

```
System.out.println("area of Triangle is "+r);
}
}
class circle extends Shape
{
void printarea()
{
Scanner in=new Scanner(System.in);
System.out.println("enter the radius:");
super.i=in.nextInt();
double r=3.142*super.i*super.i;
System.out.println("area of circle is "+r);
}
}
public class Lab4
{
public static void main(String args[])
{
rectangle o1=new rectangle();
o1.printarea();
triangle o2=new triangle();
o2.printarea();
circle o3=new circle();
o3.printarea();
}
}
```