```
ob accro = in rest Into:
eb accept Balanco ();
ob theckemin ();
ob wahdraw U:
ob duplay ();
ent = sc. next Int ();
 if (c==1) contienue;
  nert = false;
Class Account @ of
String name;
 int accno;
 String actiful;
class curract catends Account &
 double balance;
 troop toid accept balance () &
  Scanner in = new Scanner (System in):
  System . Out . printly ("Enter deposit amount");
  double d= in next Double ();
  balance + = d;
```

```
void display and
 System art prilla ("Balance: "+ bala once);
 Void eathdraw () d
 System. Out paintly ("Enter amout to Buith draw");
 int w = @in. real Int();
 balance - = 60;
 Void checkmin() of
 of (balance < = 500) &
   balance -= 50;
   System. out printly (service change of Rx-501- has been imposed
 Void charlok () &
  System out printly ("Name:"+ xupor-name);
  System out printly ("Account Nationber: "+ Super accord);
  System . But Brinten ("Balance: "+ balance);
  System - out pointly ("Account type = current account")
  Clark Sou-out extends Account of
   double bylance
    Void australone () &
    Scanner in = new Scanner (System in);
    System. But paintly ("Enter deposit amount");
```

```
double d = Oir next Double ();
 balance + = d:
Void display () a
System- out printer ("Balance &: "+ balance);
Vold compute () &
 Scanner Sin = new Scanner (System in);
 System. But printly ("Enter duration in months");
 int n= on next Int ();
  Dolance + = (0-025 * n);
 Void withdraw () &
 Scanner in = rew scanner (system-in):
 System out printly ("Enter amount to althoras");
  int a = 6. In next Int ();
  Dalace - = 12;
```

```
File Edit Format View Help
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)
```

```
View Help
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File
                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
Enter name
Enter acc number
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.Savings Account
2.Current Account
 Enter type of account
 Enter name
 Enter acc number
 Enter deposit amount
 20
MERAvice charge of Rs.50/- has been imposed
Balance:-30.0
```

Enter amount to withdraw 1000 Enter 1 for next customer, 2 to end pt. No. H Page No. o import jour util *; clark Demo public state void main () Roctangle Obs = new Rectangle (); Obs printagen (); ande ob? = new (inde (); obe printarea () Triangle Ob3 - new Triangle () Ob3 printmen (); abstract class Shape int 9,9; Void getdata () Class Rectangle extends Shape (D) void printage a Scanner in = new Scanner (System in); System - out printer ("Enter length");
System - out printer ("Enter brendth")

```
Super J = In reat Int ();
System out printer ("A Anea = "+ (Super I* super S));
class circle extends shapes
  Void gelprint area ()
   System out purtly ("Enter radius!");
   Super ! = sein neat Int ():
   Systeman out printer (" Anon = " + (31/2 Super i * Super 9))=
    Class Triongle extends Shapes
     Vold printagen ()
      Scanner in = new Scarmer (System in);
       System out - pointer ("Enter base");
        Supar 9 = ir rend Int ();
         again out printly ("Enter bright");
          Super j= in next int ();
          System out printly (" Anea = "+ (D-5 * Super 1 * Super 3));
```

```
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();
```

```
C:\Users\Lenovo\Desktop\ja>java Lab4
enter the length:
1
enter the breadth:
1
area of Rectangle is 1
enter the base
2
enter the hieght
2
area of Triangle is 2.0
enter the radius:
3
area of circle is 28.278
```