```java
* import java.util.Scanner;

class Account {
    private String name;
    private int Account_number;
    private String type;

    public Account (String name, int Account_number,
                                String type) {
        this.name = name;
        this.Account_number = Account_number;
        this.type = type;
    }
    public void setName (String name) { this.name = name; }
    public void setAccountNumber (int Account_number)
    public void setType (String type) { this.type = type; }
    public String getName () { returns this.name; }
    public int getAccountNumber () { return this.Account Number;
    public String getType () { return this.type; }
}

class Current extends Account {
    private double balance;
    private static double min_balance;
    private static float service_charge;
    static {
        min_balance = 1000.00;
        service_charge = 3.00;
    }
    public double getBalance () {
        return this.balance;
    }
}
```

```java
    public User-Acont (String name, int Acont number,
                                        Entity type) {
        super (name, Acont-number, type);
        this.balance = 0.0;
    }
    public void deposit (double amt) {
        this.balance += amt;
    }
    public int void withdraw (double amt) {
        if (this. balance - amt < (@@this -balance)
            return this this.balance -= runne-clouge;
        this -balance -= amt;
        return;
    }
}

class Sav-aut entents Account {
    private double balance;
    private static float interest;

    public int double getBalance () { return balance };
    static {
        interest = 8.0;
    }
    public void deposit (double amt) { this balance += amt };

    public int withdraw (double amt) {
        if (this.balance - amt < 0.0)
            return -1;
        this. balance -= amt;
        return 1;
    }
    double
    public void calculate Interest () {
        this.balance += this.balance * (interest /100);
    }
    return interest
}
```

```java
class Account Main {
    public static void main (Stry arg[])
    {   Scanner s = new Scanner ( System in );
        String name = s. next();
        int aunthumber = S. nextInt();
        String type = S. next();
        if ( type == " Saving" ) {
            Sav -aut  S = new Sav·aut (name, aunthumber,
                                                    type);

            do {
                    System. out. putln("Please select the
                          following chontP");
                    System. out. print(" 1. Show Balance");
                    System. out. putln(" 2. withdraw ");
                    System. out print(" 3. Deposit ");
                    System. out putln(" 4. Calculat interrest ");
                    System. out. putln(" 5. Exit ");
                    int c = s. nextInt();
                    switch(c) {
                        case 1 :  System out putln("
                               S. getBalen()");
                               break;
                        case 2 :  dobt aut = CurrentDoble();
                               if (with s. withdraw)
                               System out. putln(s. getBlan
                        case 3 :  double aut' = s. next Double();
                               S. deposit (aut);
                        case 4 :  Dowlle ut = S. calculateInder();
                               break;
                        case 5 : break.
                    } while (c != 5);
        } else if (type == " current");
        {
```

```
*   import java.util.Scanner;

    abstract class Shape {
        private float a;
        private float b;
        public float getA() { returns A; }
        public float getB() { returns B; }
        public Shape (float a, float b) {
            this.a = a;
            this.b = b;
        }
        public abstract void printArea();
        public Shape (float a) {
            this.a = a;
        }
    }
    class Rectangle extends Shape {
        public void printArea() {
            float l = super.getA();
            float b = super.getB();
            System.out.println(" The
                area of rectangle is ", l*b);
        }
        public Rectangle (float a, float b) {
            super(a,b);
        }
    }

    class Triangle extends Shape {
        public void printArea() {
            float h = super.getA();
            float b = super.getB();
            System.out.println(" The area of
                triangle ", 1/2 * h * b);
```

```java
        }
        public Triangle ( float a, float b){
            super (a, b);
        }
    }

    class Circle extends Shape {
        public void printArea (){
            float r = super.getA();
            System.out.println (" The Area of circle is "
                            Math.pi * r );
        }
        public Circle ( float r){
            super (v);
        }
    }

    class ShapesMain {
        public static void main (String args[])
        {
            Rectangle v = new Rectangle (5.3, 35);
            Triangle t = new Triangle (4.7, 3.8);
            Circle c = new Circle (3.9);
            v. printArea();
            t. printArea();
            c. printArea();
        }
    }
```