public class car{

    public int speed;

    public double regularprice;

    public String color;

    public void setspeed(int s){

        speed=s;

    }

    public void setprice(double reg){

        regularprice=reg;

    }

    public void setcolor(String col){

        color=col;

    }

    public int getspeed(){

        return speed;

    }

    public String getcolor(){

        return color;

    }

    public double getSalesprice(){

        return regularprice;

    }

}

public class Ford extends car{

    private int year;

    private int manufacturerDiscount;

    public Ford(int s,double reg,String col,int y,int man){

        super();

        year=y;

        manufacturerDiscount=man;

    }

    @Override

    public double getSalesprice(){

        return regularprice-manufacturerDiscount;

    }

}

public class Sedan extends car{

    private int length;

    public Sedan(int s,double reg,String col,int l){

        super();

        length=l;

    }

    @Override

    public double getSalesprice(){

        if(length>20){

            return regularprice\*0.95;

        }

        else{

            return regularprice\*0.9;

        }

    }

}

public class Truck extends car{

    private int weight;

    public Truck(int s, double reg,String col,int w){

        super();

        weight=w;

    }

    @Override

    public double getSalesprice(){

        if(weight>2000){

            return regularprice\*0.9;

        }

        else{

            return regularprice\*0.8;

        }

    }

}

public class MyOwnAutoShop{

    public static void main(String[] args){

        Truck obj2=new Truck(110,30000,"white",4000);

        obj2.setprice(677777.87);

        car car=new car();

        car.setprice(566666.87);

        Ford obj1=new Ford(120,25000,"blue",2019,1000);

        obj1.setprice(455555.76);

        Sedan obj=new Sedan(123,45000,"red",23);

        obj.setprice(45555.8);

        System.out.println("Truck sale price "+obj2.getSalesprice());

        System.out.println("Car sale price "+car.getSalesprice());

        System.out.println("Ford sale price "+obj1.getSalesprice());

        System.out.println("Sedan sale price "+obj.getSalesprice());

    }

}