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public interface Named {
    String getName();
}

public class Fruit implements Named {
    private String name;
    private double calories;
    private double pH;
    public Fruit(String theName, double theCal, double thePH) {
        name = theName; calories = theCal; pH=thePH;
    }
    public double getCalories() { return calories; }
    public double getPH() { return pH; }
    public String getName() { return name; }
}

public class Apple extends Fruit {
    public Apple() { super("apple",93,3.4); }
    public Apple(double theCal) { super("apple",theCal, 3.4); }
}

public class Banana extends Fruit {
    private double length;
    public Banana(double theLength) {
        // String myName = "banana";
        // double myCal = theLength * 15;
        // double myPH = 4.8;
        // super(myName, myCal, myPH);
        super("banana", theLength * 15, 4.8);
        length = theLength;
    }
}

public class Smoothie {
    private Fruit fruit1, fruit2;
    public Smoothie(Fruit infruit1, Fruit infruit2)
    {
        fruit1=infruit1;
        fruit2=infruit2;
    }
    public int getCalories()
    {
        return fruit1.getCalories() + fruit2.getCalories();
    }
}

```