

Lab 04 Assignment

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Question 1

A.java中添加

```
package com.oo.aa;
```

B.java中添加

```
package com.oo.bb;  
import com.oo.aa.A;
```

C.java中添加

```
package com.oo.cc;  
import com.oo.bb.B;
```

Main.java中添加

```
package com.oo;  
import com.oo.cc.C;
```

BTest.java中添加

```
package test;  
import com.oo.bb.B;
```

Question 2

- 1.可以有子类，但无法创建子类的实例。
- 2.不能，final类可以创建多个实例，而所有构造方法都是private的类不能。

Question 3

- 1.执行java Test

```
4
4
5
foo() of Parent
foo() of Child
foo() of Child
bar() of Parent
bar() of Parent
bar() of Child
```

2, 3:不能通过编译, 子类权限不能低于父类权限

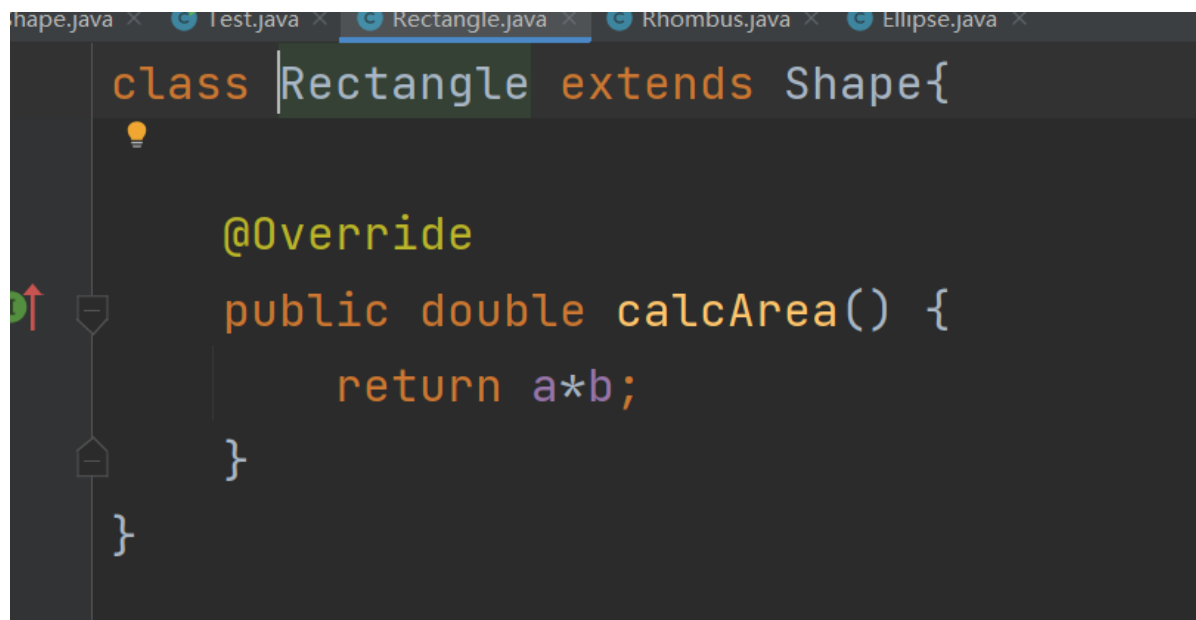
4:不一致

5:

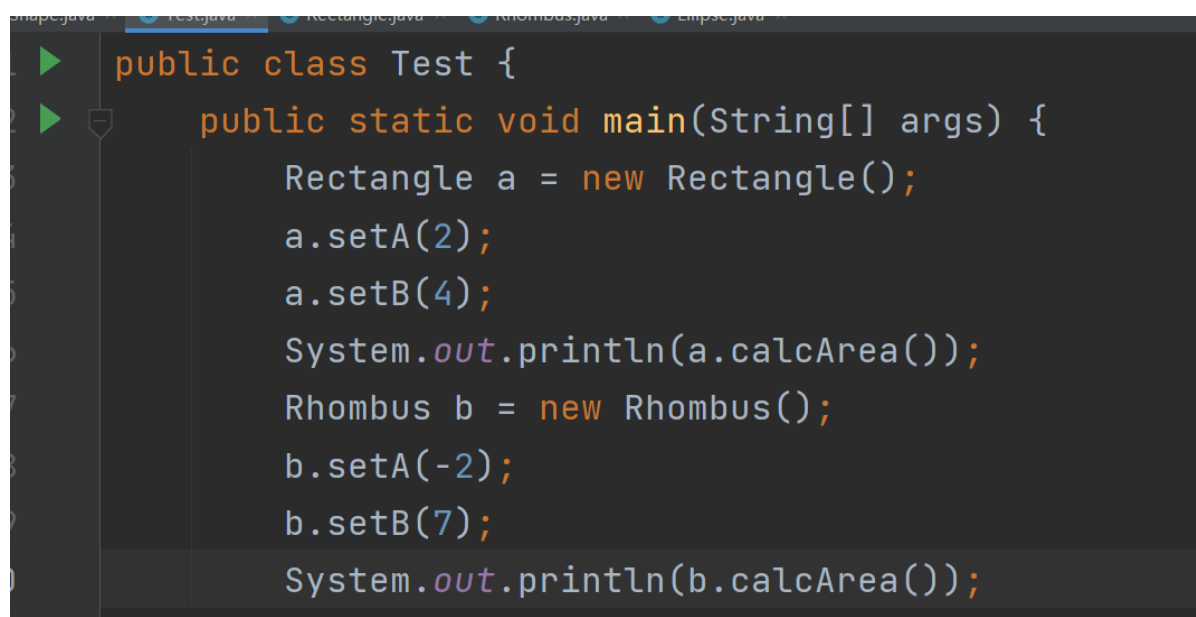
override:属性, 非静态方法可以, 静态方法不可以

hide:属性, 非静态方法可以, 静态方法不可以

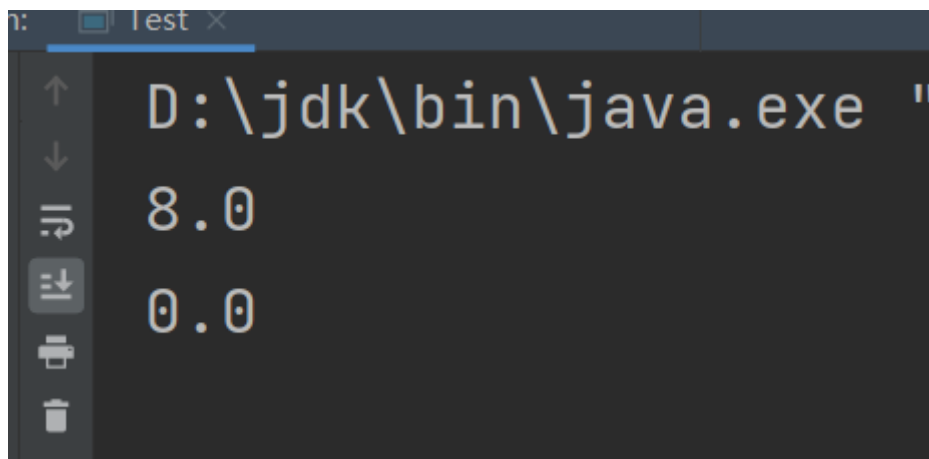
Question 4



```
shape.java × Test.java × Rectangle.java × Rhombus.java × Ellipse.java ×
class Rectangle extends Shape{
    @Override
    public double calcArea() {
        return a*b;
    }
}
```

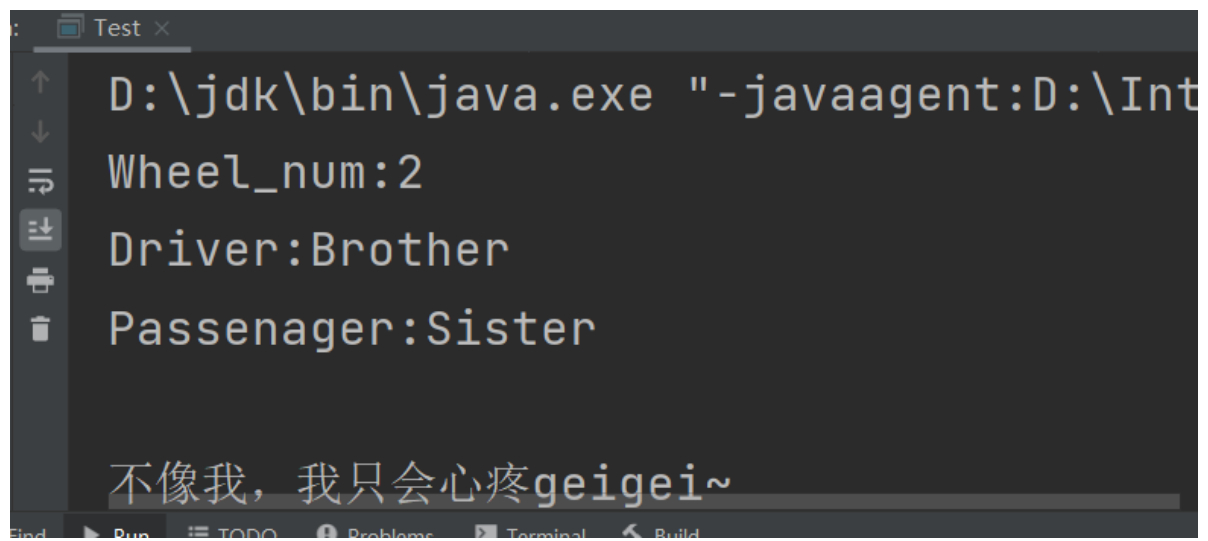


```
shape.java × Test.java × Rectangle.java × Rhombus.java × Ellipse.java ×
public class Test {
    public static void main(String[] args) {
        Rectangle a = new Rectangle();
        a.setA(2);
        a.setB(4);
        System.out.println(a.calcArea());
        Rhombus b = new Rhombus();
        b.setA(-2);
        b.setB(7);
        System.out.println(b.calcArea());
    }
}
```



```
D:\jdk\bin\java.exe "  
8.0  
0.0
```

Question 5



```
D:\jdk\bin\java.exe "-javaagent:D:\Int  
Wheel_num:2  
Driver:Brother  
Passenager:Sister  
  
不像我，我只会心疼geigei~
```

Question 6

见代码