Java → Object-oriented programming → Inheritance and polymorphism → Nested classes →
Nested classes

Nested classes → Make slices

📊 Medium   🕐 4 minutes   ?

You have an outer class `Apple` and method `cutApple` in it. Inside `cutApple` create a local inner class `Knife`.
And in the class `Knife` create a method `makeSlices`.

This method should learn the variety of an apple (Gala in our example) and print:

```
1   Apple Gala is ready to be eaten!
```

📄 Report a typo

↳ Write a program

Code Editor   IDE

```Java
1   class Apple {
2
3       private String appleVariety;
4
5       public Apple(String appleVariety) {
6           this.appleVariety = appleVariety;
7       }
8
9       void cutApple() {
10
11          // create local inner class Knife
12          // create method makeSlices()
13          class Knife {
14
15              private void makeSlices() {
16                  System.out.printf("Apple %s is ready to be eaten!", Apple.this.appleVariety);
17              }
18          }
19
20
21          Knife knife = new Knife();
22          knife.makeSlices();
23      }
24
25      public static void main(String[] args) {
26          Apple apple = new Apple("Gala");
27          apple.cutApple();
28      }
29  }
30
```

✓ Correct.

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