

Java → Object-oriented programming → Inheritance and polymorphism → Nested classes → [Anonymous classes](#)

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Anonymous classes → An anonymous class with three methods

Medium ⌚ 4 minutes ?

There is an interface:

```
1 interface ThreeMethodsInterface {
2
3     void do1();
4
5     void do2();
6
7     void do3();
8 }
```

You should create an anonymous class that implements the given interface and assign the instance to the variable `instance`. The anonymous class must override all methods. The overridden methods `do1`, `do2`, `do3` must output strings "Implemented do1", "Implemented do2", "Implemented do3" respectively to the standard output. The case is important. Each output should be on a new line.

Use the provided code template, do not copy the interface to the code.

 Report a typo

 Write a program

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```
1 public class Main {
2
3     public static void main(String[] args) {
4
5         ThreeMethodsInterface instance = new ThreeMethodsInterface() {
6             @Override
7             public void do1() {
8                 System.out.println("Implemented do1");
9             }
10
11             @Override
12             public void do2() {
13                 System.out.println("Implemented do2");
14             }
15
16             @Override
17             public void do3() {
18                 System.out.println("Implemented do3");
19             }
20         };
21
22         instance.do1();
23         instance.do2();
24         instance.do3();
25     }
26 }
27
28 interface ThreeMethodsInterface {
29
30     void do1();
31
32     void do2();
33
34     void do3();
35 }
36
```

Java

✓ Correct.

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