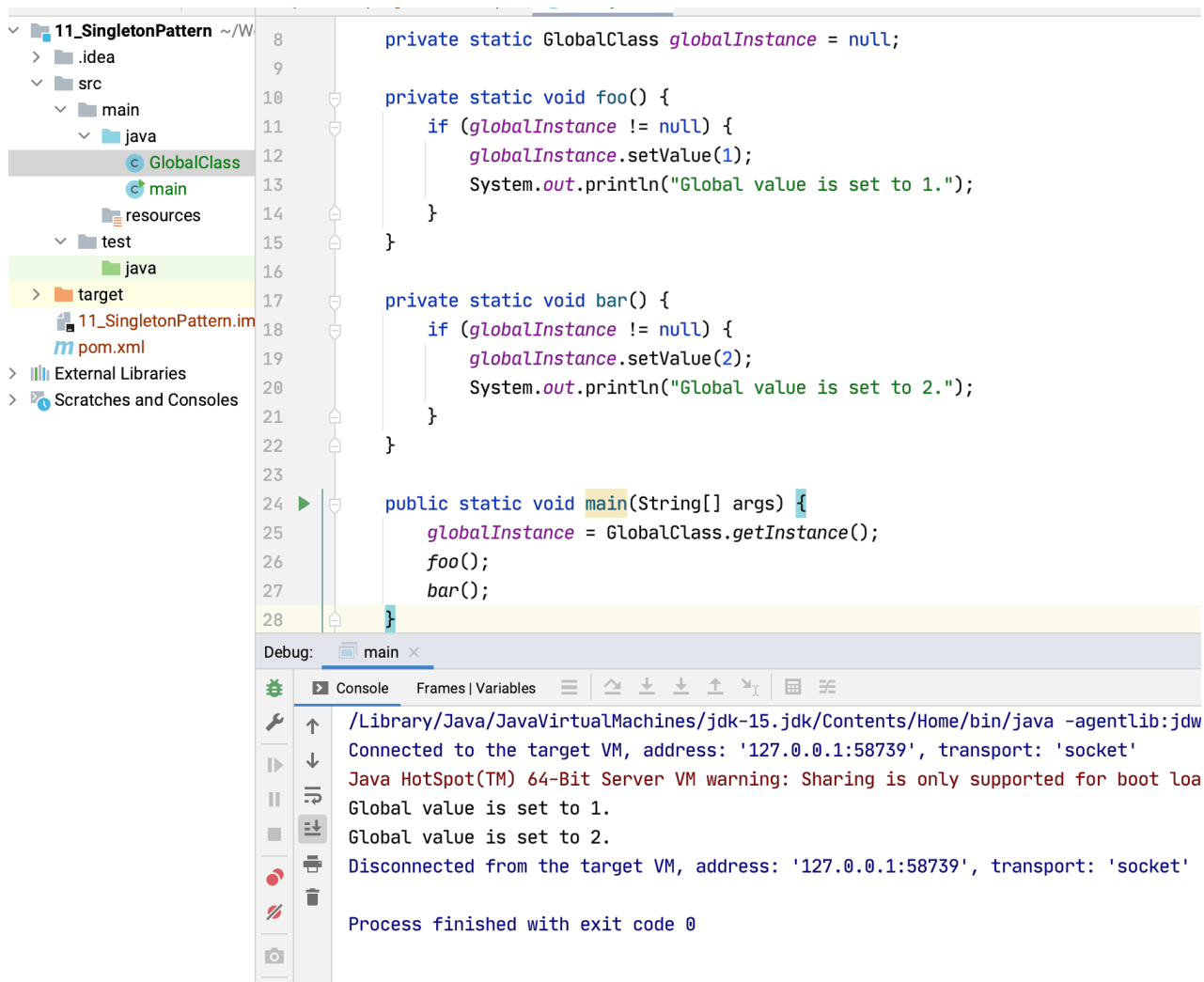


Singleton Pattern

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运行截图如下：



```
8      private static GlobalClass globalInstance = null;
9
10     private static void foo() {
11         if (globalInstance != null) {
12             globalInstance.setValue(1);
13             System.out.println("Global value is set to 1.");
14         }
15     }
16
17     private static void bar() {
18         if (globalInstance != null) {
19             globalInstance.setValue(2);
20             System.out.println("Global value is set to 2.");
21         }
22     }
23
24     public static void main(String[] args) {
25         globalInstance = GlobalClass.getInstance();
26         foo();
27         bar();
28     }
```

Debug: main

Console

```
/Library/Java/JavaVirtualMachines/jdk-15.jdk/Contents/Home/bin/java -agentlib:jdwp
Connected to the target VM, address: '127.0.0.1:58739', transport: 'socket'
Java HotSpot(TM) 64-Bit Server VM warning: Sharing is only supported for boot loa
Global value is set to 1.
Global value is set to 2.
Disconnected from the target VM, address: '127.0.0.1:58739', transport: 'socket'

Process finished with exit code 0
```

主要代码：

main.java:

```
1  /**
2   * @author billchen
3   * @version 1.0
4   * @create 2021-01-05 09:18
5   */
6  public class main {
```

```

7
8     private static GlobalClass globalInstance = null;
9
10    private static void foo() {
11        if (globalInstance != null) {
12            globalInstance.setValue(1);
13            System.out.println("Global value is set to 1.");
14        }
15    }
16
17    private static void bar() {
18        if (globalInstance != null) {
19            globalInstance.setValue(2);
20            System.out.println("Global value is set to 2.");
21        }
22    }
23
24    public static void main(String[] args) {
25        globalInstance = GlobalClass.getInstance();
26        foo();
27        bar();
28    }
29 }

```

GlobalClass.java:

```

1  /**
2   * A singleton class
3   *
4   * @author billchen
5   * @version 1.0
6   * @create 2021-01-05 09:19
7   **/
8  public class GlobalClass {
9      private static GlobalClass instance = null;
10     private int value;
11
12     private GlobalClass() {
13         value = 0;
14     }
15
16     public static GlobalClass getInstance() {

```

```
17         if (instance == null) {
18             instance = new GlobalClass();
19         }
20         return instance;
21     }
22
23     public void setValue(int new_value){
24         this.value = new_value;
25     }
26
27     public int getValue() {
28         return value;
29     }
30
31 }
```