Singleton Pattern

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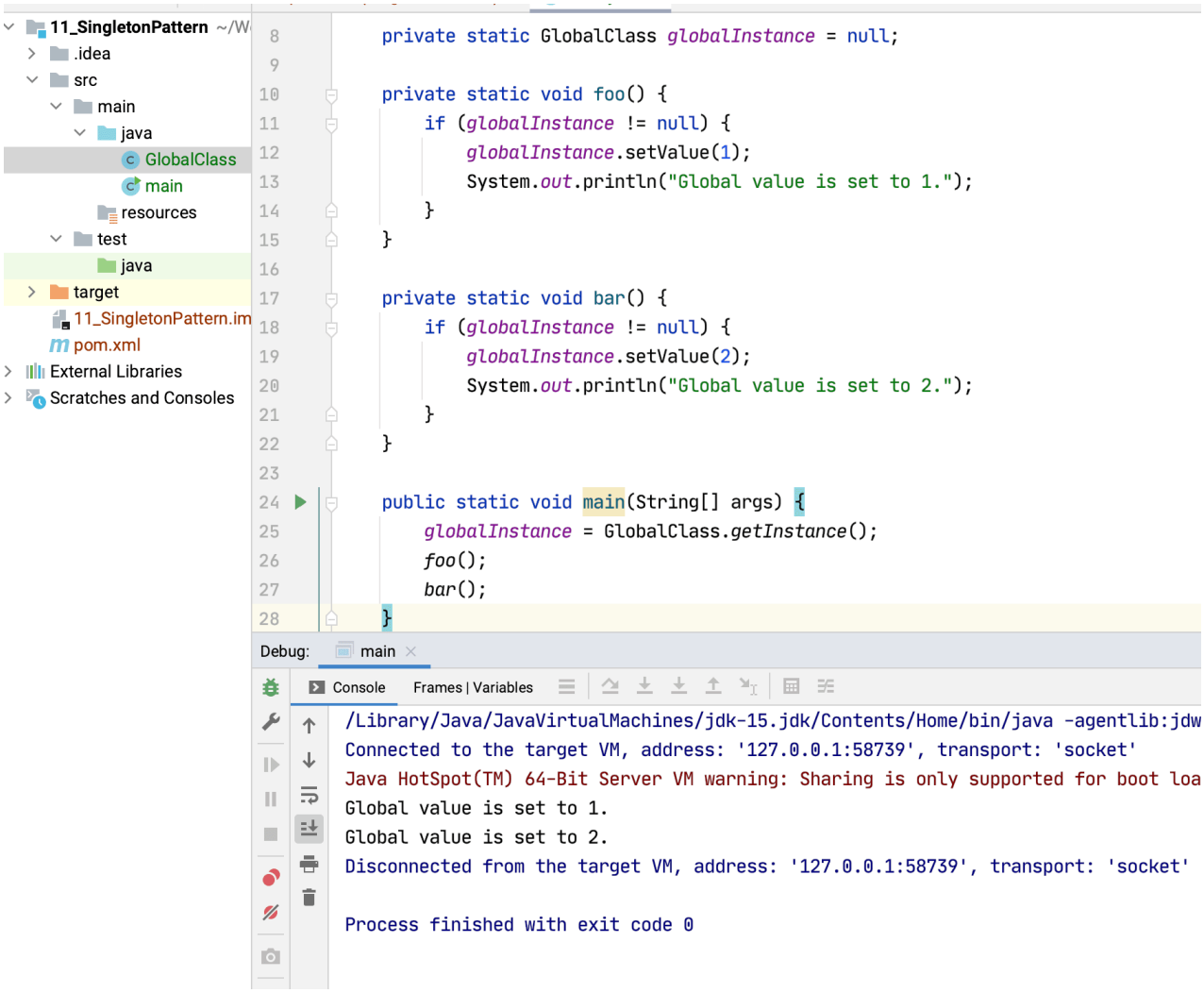
运行截图如下：



主要代码：

main.java:

```
/**
 * @author billchen
 * @version 1.0
 * @create 2021-01-05 09:18
 **/
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() {
```

```
        if (instance == null) {
            instance = new GlobalClass();
        }
        return instance;
    }

    public void setValue(int new_value){
        this.value = new_value;
    }

    public int getValue() {
        return value;
    }

}
```