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package com.singleton.type2;

public class SingletonTest02 {

    public static void main(String[] args) {
        //测试
        Singleton instance = Singleton.getInstance();
        Singleton instance2 = Singleton.getInstance();
        System.out.println(instance == instance2); // true
        System.out.println("instance.hashCode=" + instance.hashCode());
        System.out.println("instance2.hashCode=" + instance2.hashCode());
    }

}

//饿汉式(静态代码块)

class Singleton {

    //1. 构造器私有化, 外部不能new
    private Singleton() {

    }

    //2. 本类内部创建对象实例
    private static Singleton instance;

    static { // 在静态代码块中, 创建单例对象
        instance = new Singleton();
    }

    //3. 提供一个公有的静态方法, 返回实例对象
    public static Singleton getInstance() {
        return instance;
    }

}

```