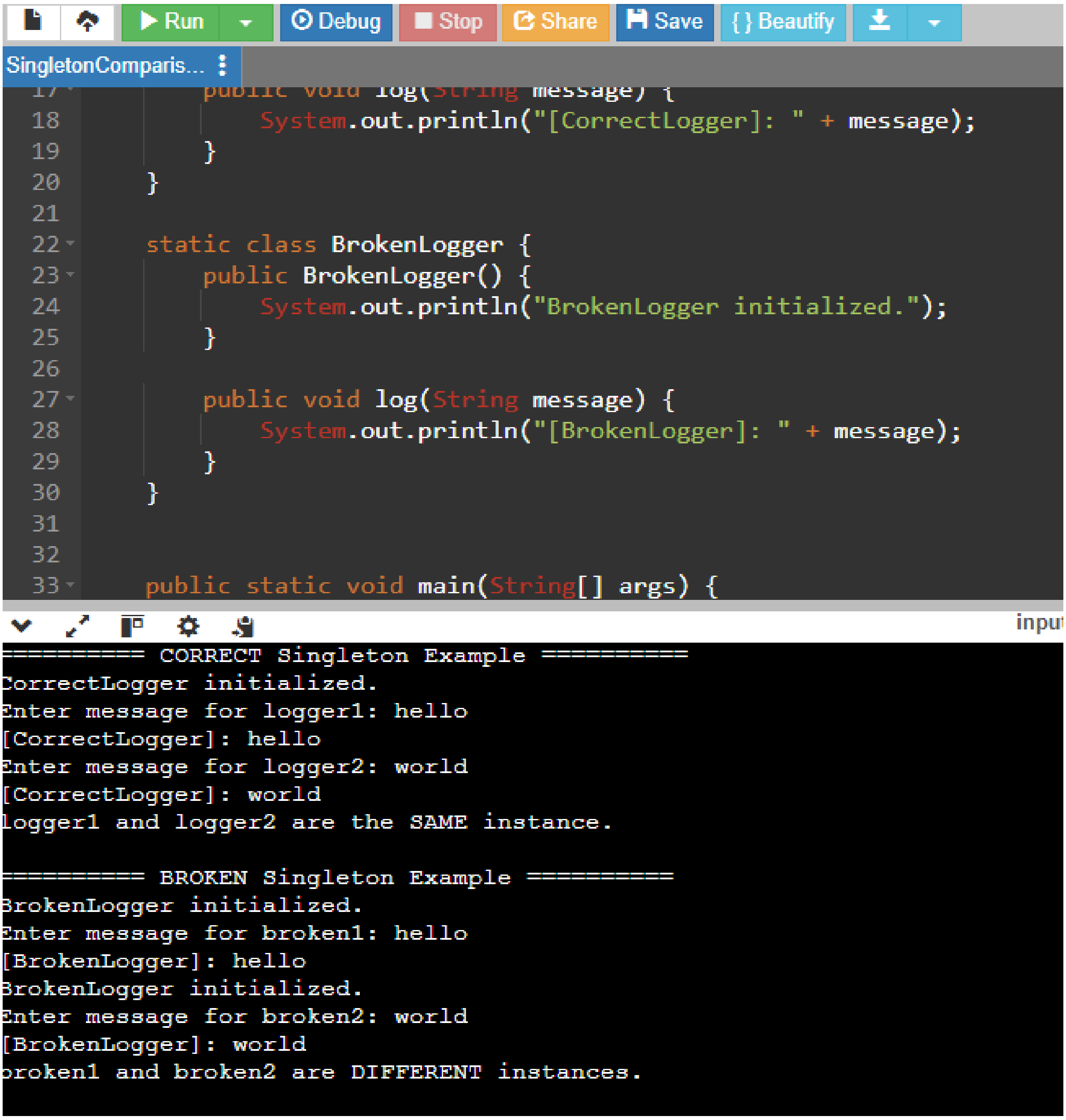
```
import java.util.Scanner;

public class SingletonComparison {

    static class CorrectLogger {

        private static CorrectLogger singleInstance = new CorrectLogger();

        private CorrectLogger() {

            System.out.println("CorrectLogger initialized.");

        }

        public static CorrectLogger getInstance() {

            return singleInstance;

        }

        public void log(String message) {

            System.out.println("[CorrectLogger]: " + message);

        }

    }

    static class BrokenLogger {

        public BrokenLogger() {

            System.out.println("BrokenLogger initialized.");

        }

        public void log(String message) {

            System.out.println("[BrokenLogger]: " + message);

        }

    }

    public static void main(String[] args) {

        Scanner scanner = new Scanner(System.in);

        System.out.println("========== CORRECT Singleton Example ==========");

        CorrectLogger logger1 = CorrectLogger.getInstance();

        System.out.print("Enter message for logger1: ");

        String msg1 = scanner.nextLine();
        logger1.log(msg1);

        CorrectLogger logger2 = CorrectLogger.getInstance();

        System.out.print("Enter message for logger2: ");

        String msg2 = scanner.nextLine();

        logger2.log(msg2);

        if (logger1 == logger2) {

            System.out.println(" logger1 and logger2 are the SAME instance.");

        } else {

            System.out.println(" logger1 and logger2 are DIFFERENT instances.");

        }

        System.out.println("\n========== BROKEN Singleton Example ==========");

        BrokenLogger broken1 = new BrokenLogger();

        System.out.print("Enter message for broken1: ");

        String msg3 = scanner.nextLine();

        broken1.log(msg3);

        BrokenLogger broken2 = new BrokenLogger();

        System.out.print("Enter message for broken2: ");

        String msg4 = scanner.nextLine();

        broken2.log(msg4);

        if (broken1 == broken2) {

            System.out.println("broken1 and broken2 are the SAME instance.");

        } else {

            System.out.println(" broken1 and broken2 are DIFFERENT instances.");

        }

        scanner.close();

    }

}
```



```java
        public void log(String message) {
            System.out.println("[CorrectLogger]: " + message);
        }
    }

    static class BrokenLogger {
        public BrokenLogger() {
            System.out.println("BrokenLogger initialized.");
        }

        public void log(String message) {
            System.out.println("[BrokenLogger]: " + message);
        }
    }


    public static void main(String[] args) {
```

```
========== CORRECT Singleton Example ==========
CorrectLogger initialized.
Enter message for logger1: hello
[CorrectLogger]: hello
Enter message for logger2: world
[CorrectLogger]: world
logger1 and logger2 are the SAME instance.

========== BROKEN Singleton Example ==========
BrokenLogger initialized.
Enter message for broken1: hello
[BrokenLogger]: hello
BrokenLogger initialized.
Enter message for broken2: world
[BrokenLogger]: world
broken1 and broken2 are DIFFERENT instances.
```