**Implementing the Singleton Pattern  
  
Logger.java**

**public class Logger {**

**private static Logger instance;**

**private Logger(){**

**System.out.println("Logger initialized");**

**}**

**public static Logger getInstance(){**

**if(instance == null){**

**instance = new Logger();**

**}**

**return instance;**

**}**

**public void log(String message){**

**System.out.println("LOG : " + message);**

**}**

**}**

**SingletonTest.java**

**public class SingletonTest {**

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

**Logger logger1 = Logger.getInstance();**

**logger1.log("First log message");**

**Logger logger2 = Logger.getInstance();**

**logger2.log("Second log message");**

**if(logger1 == logger2){**

**System.out.println("Only one instance of logger is used.");**

**}else{**

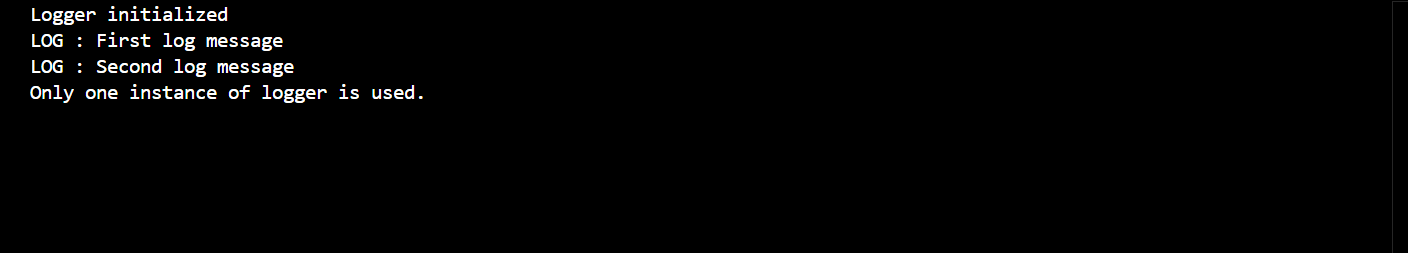
**System.out.println("Multiple instances of logger exist.");**

**}**

**}**

**}**

**Output**

****