**Logger.java**public class Logger {

private static Logger *instance*;

private Logger() {

System.***out***.println("Instance Created");

}

public static Logger getInstance() {

if (*instance* == null) {

*instance* = new Logger();

}

return *instance*;

}

public void log(String message) {

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

}

}

**Main.java**public class Main {

public static void main(String[] args) {

Logger logger1 = Logger.*getInstance*();

logger1.log("Message 1");

Logger logger2 = Logger.*getInstance*();

logger2.log("Message 2");

if (logger1 == logger2) {

System.***out***.println("Singleton confirmed - Both logger instances are the same.");

} else {

System.***out***.println("Singleton failed - Different logger instances");

}

}

}

**Output**Instance Created

Log: Message 1

Log: Message 2

Singleton confirmed - Both logger instances are the same.