( Logger.java )

import java.util.\*;

public class Logger{

private static Logger instance;

private Logger(){

System.out.println("Logger initaialized");

}

public static Logger getInstance(){

if(instance == null){

instance = new Logger();

}

return instance;

}

public void log(String msg){

System.out.println("log:" + msg);

}

public static void main(String[] args) {

Logger log1 = Logger.getInstance();

Logger log2 = Logger.getInstance();

log1.log("This is first log");

log2.log("this is second log");

if(log1==log2){

System.out.print("They are same instance");

}

else{

System.out.println("They are different");

}

}

}

