**DPP-1**

//Logger.java

package SingletonPatternExample;

public class Logger {

    private static Logger logger;

    private Logger(){

        System.out.println("this is the private constructor \n");

    }

    public static Logger getInstance(){

        if(logger == null){

            logger = new Logger();

        }

        return logger;

    }

    public void log(String str){

        System.out.println(str);

    }

}

//Test.java

package SingletonPatternExample;

public class Test {

    public static void main(String[] args){

        Logger log1 = Logger.getInstance();

        Logger log2 = Logger.getInstance();

        log1.log("this is log1");

        log2.log("this is log2");

    }

}

//Output

