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Log4j Example Using Log4j Properties File

Let us discuss the use of Log4j with the help of below example. In this example we use log4j.properties file for Log4j configurations.

Example:

Log4jTest.java

```java
import org.apache.log4j.Logger;

/**
 * This class is used to show the use of
 * Log4j with the log4j.properties file.
 * @author javawithease
 */
public class Log4jTest {
        //Get the Logger object.
        private static Logger log = Logger.getLogger(Log4jTest.class);

        public static void main(String[] args) {
                //Logger messages
                log.debug("Log4j debug message test.");
                log.info("Log4j info message test.");
        }
}
```

log4j.properties

```properties
#log4j.rootCategory=INFO,DEBUG,A1,LFS
log4j.rootLogger=DEBUG, CA

#Set Console Appender
log4j.appender.CA=org.apache.log4j.ConsoleAppender
#CA uses PatternLayout
log4j.appender.CA.layout=org.apache.log4j.PatternLayout
log4j.appender.A1.layout.ConversionPattern=%m%n
```

Output:

```
Log4j debug message test.
Log4j info message test.
```

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