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## Log4j File Appender

Let us discuss the use of file appenders with the help of below example.

### Example:

#### Log4jTest.java

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

/**
 * This class is used to show the use of
 * file appender 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.");
        log.warn("Log4j warn message test.");
        log.error("Log4j error message test.");
        log.fatal("Log4j fatal message test.");
    }
}
```

#### log4j.properties

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

#Set File Appender
log4j.appender.FA=org.apache.log4j.FileAppender
log4j.appender.FA.File=test.log
#Set FA Layout
log4j.appender.FA.layout=org.apache.log4j.PatternLayout
log4j.appender.FA.layout.ConversionPattern=%m%n
```

## Output:

```
Log4j debug message test.
Log4j info message test.
Log4j warn message test.
Log4j error message test.
Log4j fatal message test.
```

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