

## Log4j Workshop Assignment

Your assignment is to write a Java console application that prints the list of prime numbers below a given number.

A number (E.g. 10) will be stored in a text file. You are required to read this text file and print all the prime numbers below the number. The list of prime numbers should be logged to the console as INFO logs.

E.g. for 10 the message is

2, 3, 5, 7

In addition the logger should write INFO messages and above to the console while ERROR messages and above should be written to a file. The maximum file size for the log file should be 1KB and a maximum of 5 log files should be kept.

Items to note:

Appropriate logs messages and log levels needs to be considered for method executions. Correct log levels needs to be considered when logging exceptions. Take into consideration the log pattern, as to what additional data (such as date/time) that should be logged along with the message.