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Task 1

The log4j functionality, more so logging as a concept, is paramount to having a fully featured program. Log4j makes the implementation of use of logging easy to use and implement. Logging and what to log as some creative freedom on what to log but at the same time you can be told what to log. If a client wants to know how many times Y feature is clicked on, you could create a log for each time that feature is accessed then use a for loop to read/count each entry when the data is requested. Assuming logging is a universal function in all production programs, it is a creative path of entry for an attack.

Displaying the functionality of the program is running and logging successfully

