

12. Log4j?

- Used by any application
- Example: LOG4J2 → From Apache
- Records activity
- Dev will look at the logs, look at the time, go to the IP address and see what going on if there was a bug
- Loggers are very important part of applications and it keeps each step/event happened with timestamp
- Normally logs are written programmatically into .log file
- There are ready tools/libraries to add to any framework or application.
- In java, the most famous logging library/framework is LOG4J from apache

13. Purpose of logs?

- Help us debug the issues that you may have with application.
- Sometimes when a bug is found in application, developers firstly check the logs. In order to see which steps the user was taking and application did not behave as expected.
- Logs MAY help you find the source of the problem (in application perspective, not testing)

14. What is the role of logs in Test automation?

- • We are looking at console or html report to see the status of our test runs. If anything fails, we find from there.
- • If we implement logging into our framework, it will be another way of looking at automation execution steps and will help us find the problem whenever our test fails