Non-Functional Testing Using Postman, REST Assured, and JMeter – Writeup

Here is the list of operations you have to perform:

- Send a GET request using Postman to API and check the list of users.

- Validate the Status codes generated for the above requests.

- Sending a POST request using Postman to API to add user, and check the response.

- Write automation script for GET request using Rest Assured.

- Write automation script for POST request using Rest Assured

- Generate Log on Eclipse Console using Log4j.

- Validate the response.

- Check the above web services performance using JMeter.

    - Perform load testing.

    - Perform stress testing.

    - Perform spike testing.

End point URL – https://reqres.in/

For JMeter tests, follow these steps

- Create 4 separate HTTP sampler requests under same Test Plan.

- Name them as GETDemo, POSTDemo, PUTDemo, DELETEDemo.

- Remove the Listener after performing the test.

- Upload the script on Blazemeter cloud.

- Run it for 20 minutes.

- Share the results of graphs generated at the end in the LMS.