Assignment for Quality Engineering

REQUIREMENTS
- Good internet connection
- Katalon Studio downloaded (https://www.katalon.com/katalon-studio) and installed
- Apache Jmeter downloaded (https://jmeter.apache.org/download_jmeter.cgi) and installed
- Github account
- Browser

Test 1

Open the url https://reqres.in/
Create test suite for automation test using Katalon Studio and integrate it with Github for below endpoints:

a. GET list users (using request: /api/users?page=1)
b. GET single user
c. PUT update
d. POST register successful (email value taken from GET single user response)

Note: Use Global Variable as part of the test script.

Test 2

Create load test script using Apache Jmeter for https://api.themoviedb.org/3/person/changes?page=1 endpoint, with below parameter:

Thread number: 2
Ramp up time: 10
Duration: 60

Bearer Token for Authorization:
eyJhbGciOiJIUzI1NiJ9.eyJhdWQiOiJlNTUwZGFjMjUwMjE4OTQyZjRmOTEzOTFiYjZkY2Nj NSIsInN1YiI6IjYwYWY2MDAxYzVjMWVmMDA1OWU2MzVlYiIsInNjb3BlcyI6WyJhcGlfcmVh ZCJdLCJ2ZXJzaW9uIjoxfQ.wGzbkGdNmzm7cWjLfyNFVGdpLJKMelfCaoEbUuYs-CA

Use command line to execute the load test and create the report dashboard automatically.

Step to submit the assignment:

Submit the Github repo address as the result for Test 1
Submit the *.jmx file from Jmeter and report dashboard folder (in zip format) for Test 2