Evaluate the Performance of an E-learning Application Using Jmeter

Description

As a Test Engineer, you are asked to develop an evaluation test for users logged into an e-learning application.
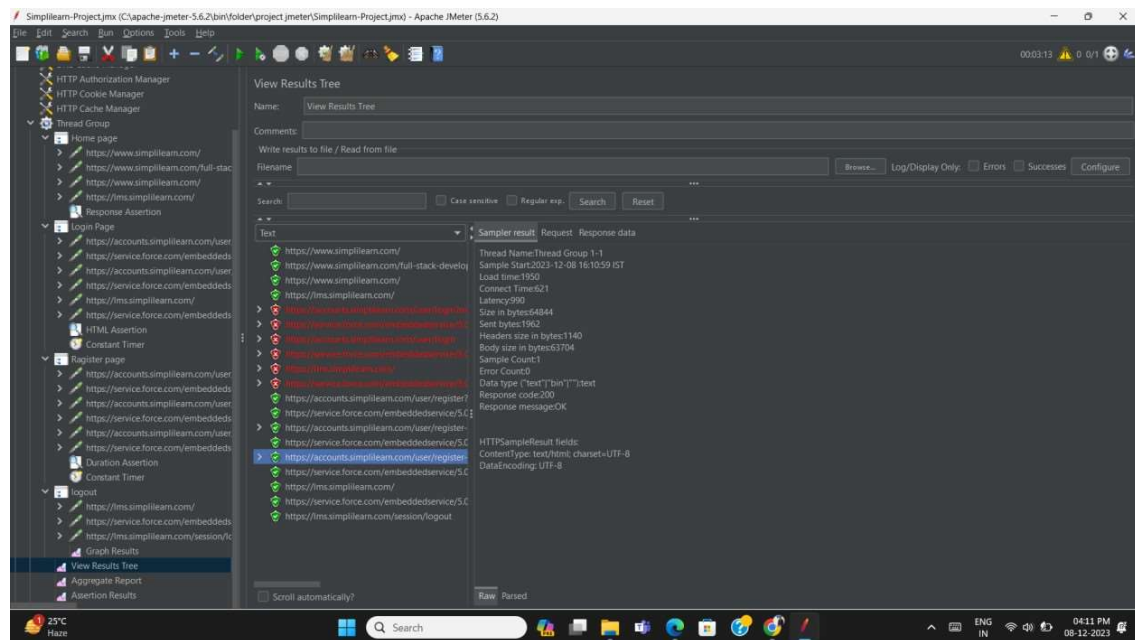
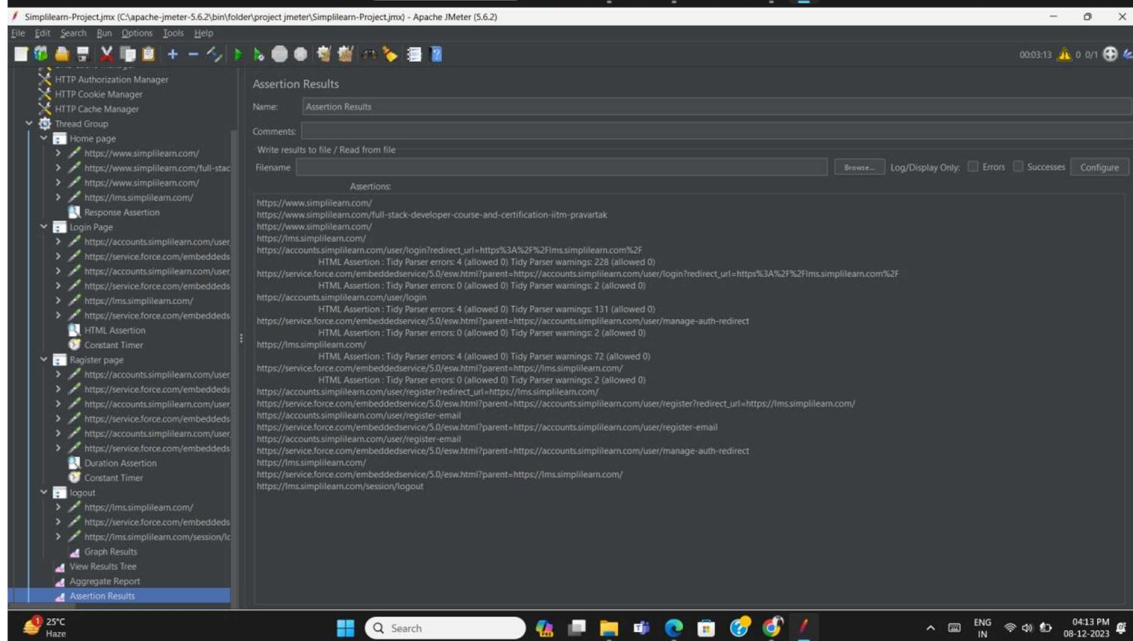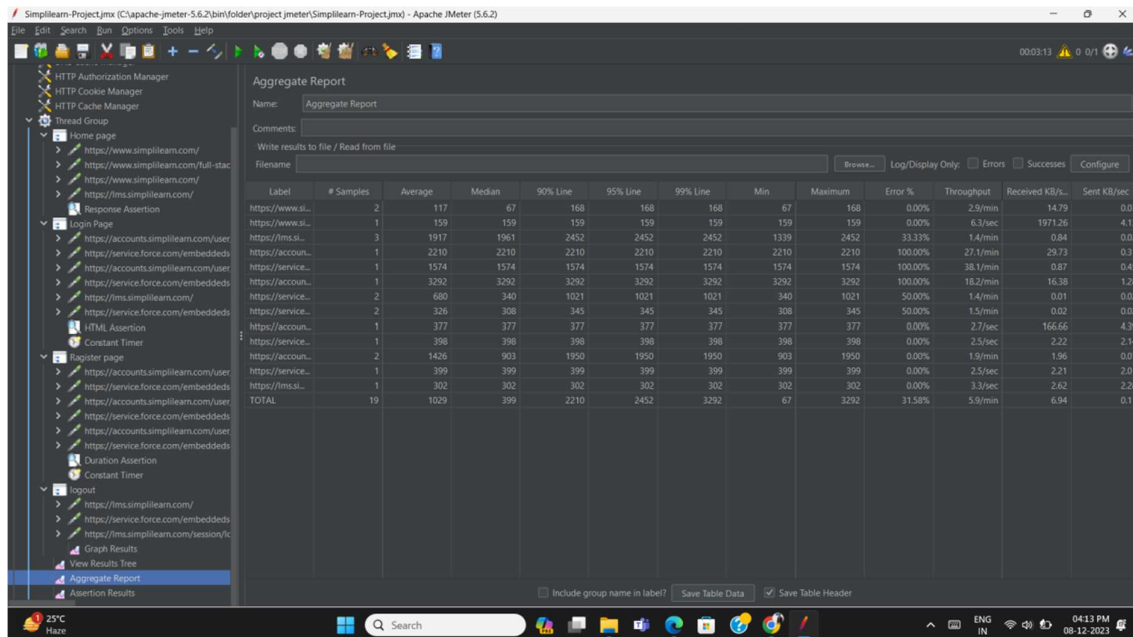### Background of the problem statement:

As a part of the performance testing in any web portal, the back-end admin requires a module that can retrieve the performance of all the functions. This should be as per your requirement.

You must use the following:

- JMeter 5.1.1 version
- Java Development Kit (Version 8)

ScreenShot-

File Edit Search Run Options Tools Help

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HTTP Authorization Manager
HTTP Cookie Manager
HTTP Cache Manager
Thread Group
  Home page
    https://www.simplilearn.com/
    https://www.simplilearn.com/full-stac
    https://www.simplilearn.com/
    https://lms.simplilearn.com/
    Response Assertion
  Login Page
    https://accounts.simplilearn.com/user
    https://service.force.com/embeddeds
    https://accounts.simplilearn.com/user
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    https://service.force.com/embeddeds
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    Constant Timer
  logout
    https://lms.simplilearn.com/
    https://service.force.com/embeddeds
    https://lms.simplilearn.com/session/lo
    Graph Results
  View Results Tree
  Aggregate Report
  Assertion Results

Aggregate Report

Name: Aggregate Report

Comments:

Write results to file / Read from file

Filename: [Browse...] Log/Display Only: ☐ Errors ☐ Successes [Configure]

Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Maximum	Error %	Throughput	Received KB/s...	Sent KB/sec
https://www.si...	2	117	67	168	168	168	67	168	0.00%	2.9/min	14.79	0.03
https://www.si...	1	159	159	159	159	159	159	159	0.00%	6.3/sec	1971.26	4.13
https://lms.si...	3	1917	1961	2452	2452	2452	1339	2452	33.33%	1.4/min	0.84	0.02
https://accoun...	1	2210	2210	2210	2210	2210	2210	2210	100.00%	27.1/min	29.73	0.31
https://service...	1	1574	1574	1574	1574	1574	1574	1574	100.00%	38.1/min	0.87	0.45
https://accoun...	1	3292	3292	3292	3292	3292	3292	3292	100.00%	18.2/min	16.38	1.28
https://service...	2	680	340	1021	1021	1021	340	1021	50.00%	1.4/min	0.01	0.02
https://service...	2	326	308	345	345	345	308	345	50.00%	1.5/min	0.02	0.02
https://accoun...	1	377	377	377	377	377	377	377	0.00%	2.7/sec	166.66	4.39
https://service...	1	398	398	398	398	398	398	398	0.00%	2.5/sec	2.22	2.14
https://accoun...	2	1426	903	1950	1950	1950	903	1950	0.00%	1.9/min	1.96	0.07
https://service...	1	399	399	399	399	399	399	399	0.00%	2.5/sec	2.21	2.01
https://lms.si...	1	302	302	302	302	302	302	302	0.00%	3.3/sec	2.62	2.28
TOTAL	19	1029	399	2210	2452	3292	67	3292	31.58%	5.9/min	6.94	0.11

☐ Include group name in label? [Save Table Data] ☑ Save Table Header

25°C Haze Q Search ENG IN 04:13 PM 08-12-2023

File Edit Search Run Options Tools Help

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Assertion Results

Name: Assertion Results

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Write results to file / Read from file

Filename: [Browse...] Log/Display Only: ☐ Errors ☐ Successes [Configure]

Assertions:

https://www.simplilearn.com/
https://www.simplilearn.com/full-stack-developer-course-and-certification-iitm-pravartak
https://www.simplilearn.com/
https://lms.simplilearn.com/
https://accounts.simplilearn.com/user/login?redirect_url=https%3A%2F%2Flms.simplilearn.com%2F
        HTML Assertion : Tidy Parser errors: 4 (allowed 0) Tidy Parser warnings: 228 (allowed 0)
https://service.force.com/embeddedservice/5.0/esw.html?parent=https://accounts.simplilearn.com/user/login?redirect_url=https%3A%2F%2Flms.simplilearn.com%2F
        HTML Assertion : Tidy Parser errors: 0 (allowed 0) Tidy Parser warnings: 2 (allowed 0)
https://accounts.simplilearn.com/user/login
        HTML Assertion : Tidy Parser errors: 4 (allowed 0) Tidy Parser warnings: 131 (allowed 0)
https://service.force.com/embeddedservice/5.0/esw.html?parent=https://accounts.simplilearn.com/user/manage-auth-redirect
        HTML Assertion : Tidy Parser errors: 0 (allowed 0) Tidy Parser warnings: 2 (allowed 0)
https://lms.simplilearn.com/
        HTML Assertion : Tidy Parser errors: 4 (allowed 0) Tidy Parser warnings: 72 (allowed 0)
https://service.force.com/embeddedservice/5.0/esw.html?parent=https://lms.simplilearn.com/
        HTML Assertion : Tidy Parser errors: 0 (allowed 0) Tidy Parser warnings: 2 (allowed 0)
https://accounts.simplilearn.com/user/register?redirect_url=https://lms.simplilearn.com/
https://service.force.com/embeddedservice/5.0/esw.html?parent=https://accounts.simplilearn.com/user/register-email
https://accounts.simplilearn.com/user/register-email
https://service.force.com/embeddedservice/5.0/esw.html?parent=https://accounts.simplilearn.com/user/manage-auth-redirect
https://lms.simplilearn.com/
https://service.force.com/embeddedservice/5.0/esw.html?parent=https://lms.simplilearn.com/
https://lms.simplilearn.com/session/logout

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⬡ **jmeter-project** Public

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▯ error.txt   Add files via upload   now

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⑂ 0 forks

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