

Aim: To perform the Performance of an E-learning Application Using JMeter.

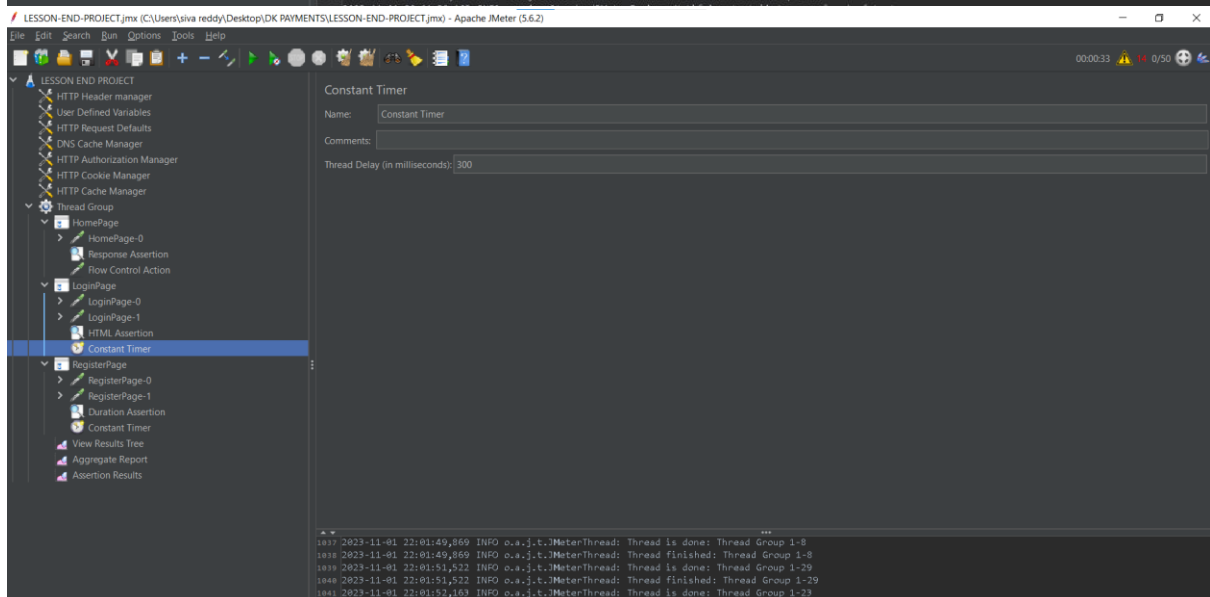
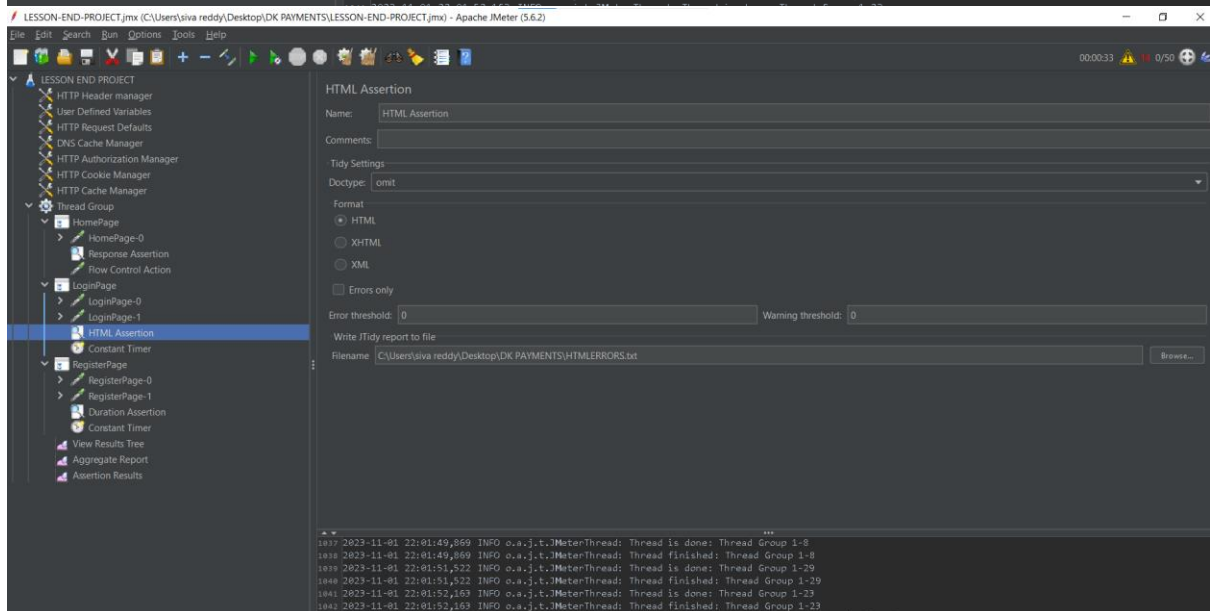
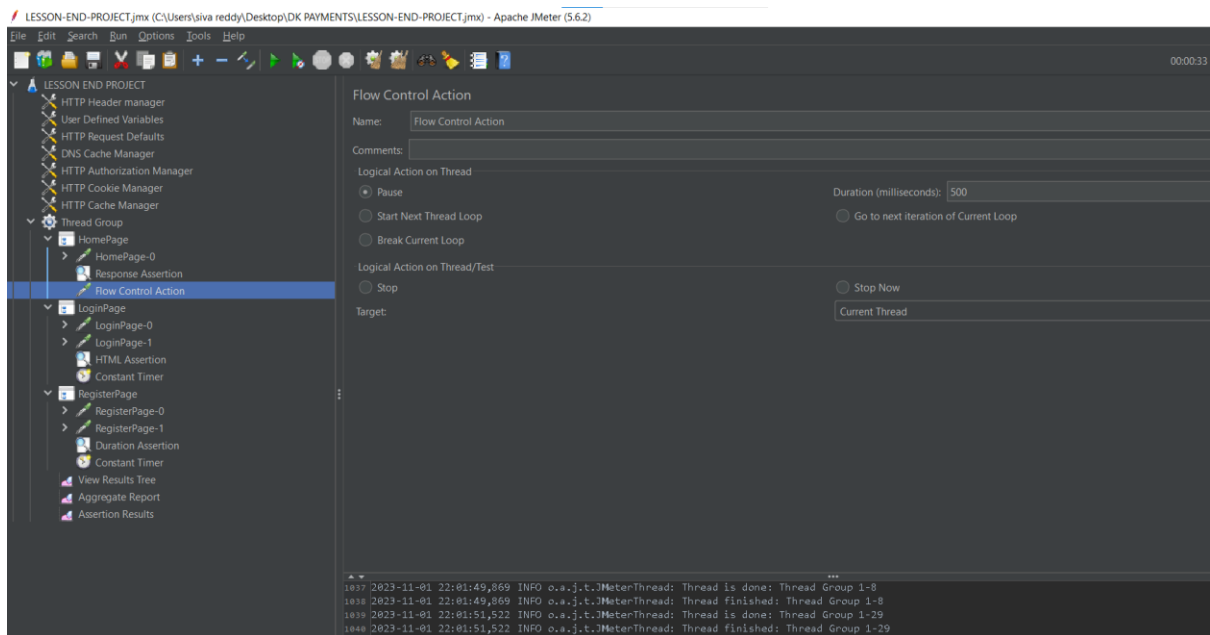
We can you different methods

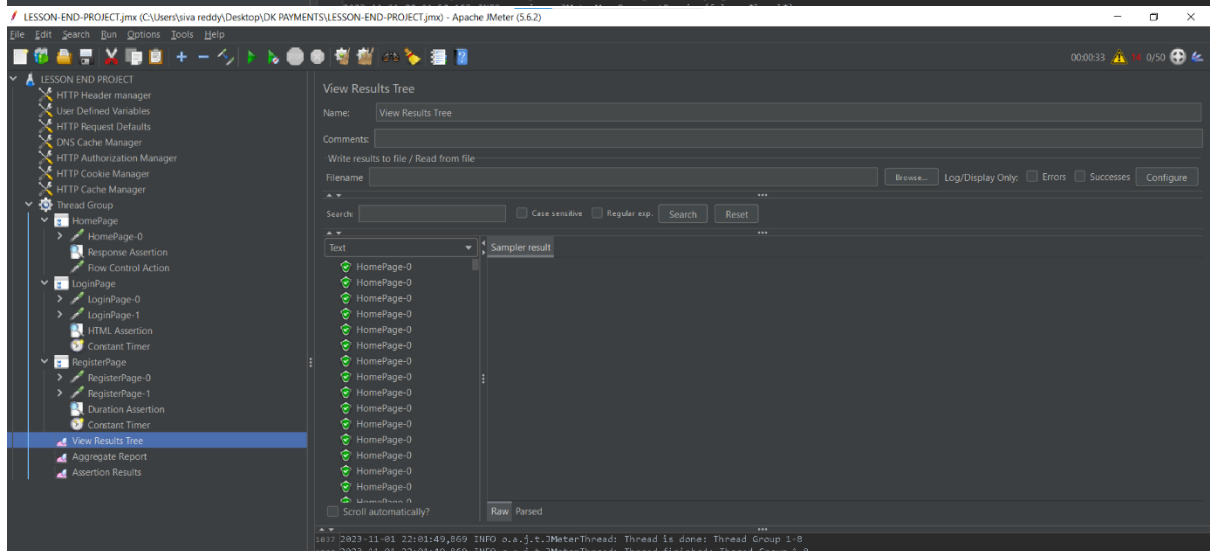
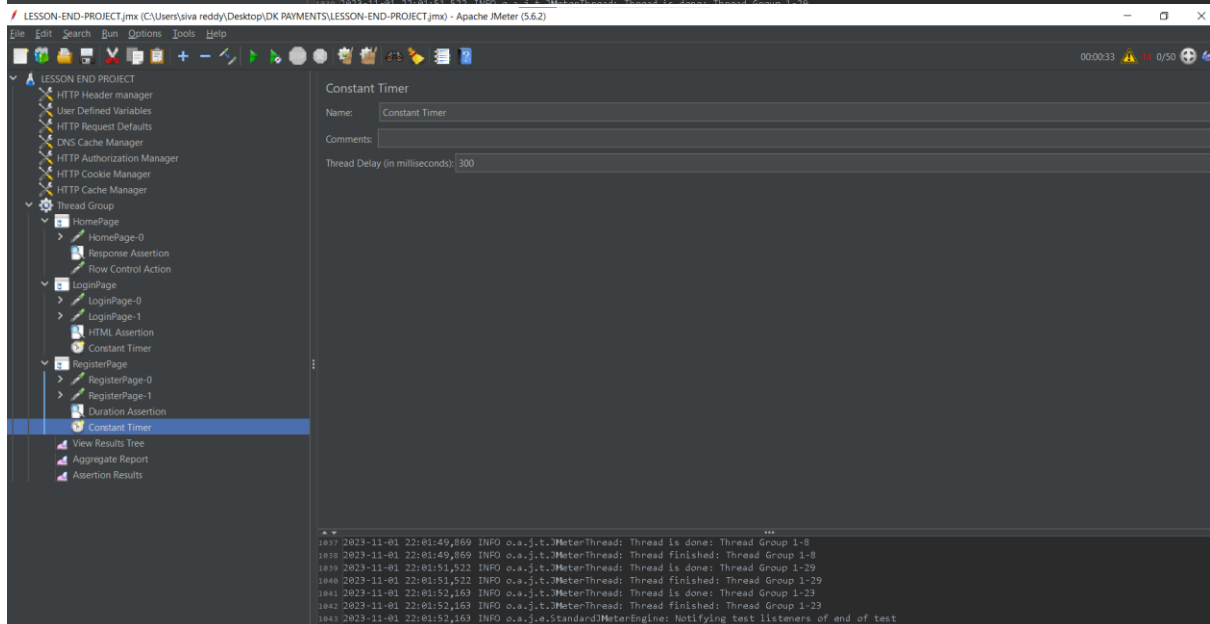
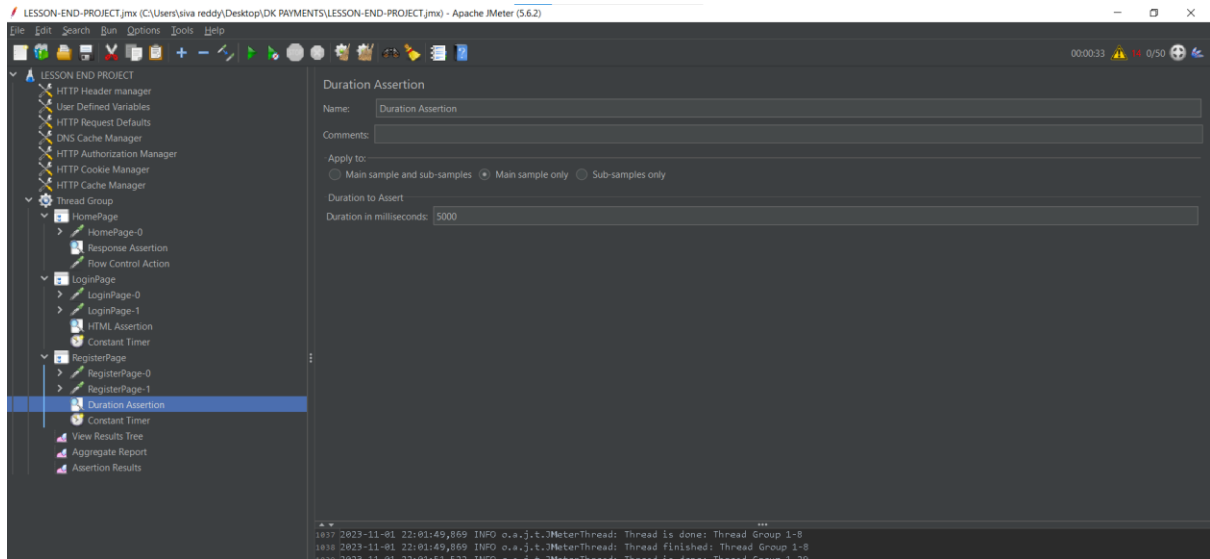
The image displays three sequential screenshots of the Apache JMeter 5.6.2 interface, illustrating the configuration of a performance test for an e-learning application.

Top Screenshot: Thread Group Configuration
The 'Thread Group' panel is shown. The 'Name' field is set to 'Thread Group'. The 'Action to be taken after a Sampler error' is set to 'Continue'. The 'Thread Properties' section shows 'Number of Threads (users)' set to 50 and 'Ramp-up period (seconds)' set to 2. The 'Loop Count' is set to 'Infinite' with a value of 1. The 'Same user on each iteration' checkbox is checked. The 'Duration (seconds)' and 'Startup delay (seconds)' are both set to 0. The log at the bottom shows the test execution progress, including thread completion messages.

Middle Screenshot: Loop Controller Configuration
The 'Loop Controller' panel is shown. The 'Name' field is set to 'HomePage'. The 'Loop Count' is set to 'Infinite' with a value of 2. The log at the bottom shows the test execution progress, including thread completion messages.

Bottom Screenshot: Response Assertion Configuration
The 'Response Assertion' panel is shown. The 'Name' field is set to 'Response Assertion'. The 'Apply to:' section has 'Main sample and sub-samples' selected. The 'Field to Test' section has 'Response Code' selected. The 'Pattern Matching Rules' section has 'Matches' selected. The 'Patterns to Test' section shows a list of patterns, with '200' entered in the first field. The 'Custom failure message' section shows a message box with the number '1' entered. The log at the bottom shows the test execution progress, including thread completion messages.





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/sec	Sent KB/sec
HomePage-0	100	1120	1118	2106	2124	2132	270	2143	0.00%	16.9/sec	14.07	8.6
LoginPage-0	50	3517	2187	6470	7261	12417	1976	12417	100.00%	3.1/sec	201.98	1.8
LoginPage-1	50	3743	1719	8176	8477	12916	1268	12916	100.00%	2.6/sec	171.02	2.8
RegisterPage-0	50	1190	640	2267	3536	5800	377	5800	6.00%	2.3/sec	142.74	1.5
RegisterPage-1	50	3672	1841	8183	8733	11785	958	11785	34.00%	2.2/sec	146.22	2.4
TOTAL	300	2394	1375	6165	7882	11785	270	12916	40.00%	9.1/sec	392.27	6.3

☐ Include group name in label? ☒ Save Table Header

1837 2023-11-01 22:01:49,869 INFO o.a.j.t.JMeterThread: Thread is done: Thread Group 1-8
 1838 2023-11-01 22:01:49,869 INFO o.a.j.t.JMeterThread: Thread finished: Thread Group 1-8
 1839 2023-11-01 22:01:51,522 INFO o.a.j.t.JMeterThread: Thread is done: Thread Group 1-29
 1840 2023-11-01 22:01:51,522 INFO o.a.j.t.JMeterThread: Thread finished: Thread Group 1-29
 1841 2023-11-01 22:01:52,163 INFO o.a.j.t.JMeterThread: Thread is done: Thread Group 1-23
 1842 2023-11-01 22:01:52,163 INFO o.a.j.t.JMeterThread: Thread finished: Thread Group 1-23

Assertion Results

Name: Assertion Results

Comments:

Write results to file / Read from file

Filename: Browse...

Log/Display Only: ☐ Errors ☐ Successes ☐ Configure

Assertions:

LoginPage-1
Duration Assertion : The operation lasted too long: It took 6,247 milliseconds, but should not have lasted longer than 5,000 milliseconds.

RegisterPage-1
HTML Assertion : Tidy Parser errors: 4 (allowed 0) Tidy Parser warnings: 214 (allowed 0)

RegisterPage-1
Duration Assertion : The operation lasted too long: It took 9,350 milliseconds, but should not have lasted longer than 5,000 milliseconds.

RegisterPage-1
Duration Assertion : The operation lasted too long: It took 8,733 milliseconds, but should not have lasted longer than 5,000 milliseconds.

RegisterPage-1
Duration Assertion : The operation lasted too long: It took 7,082 milliseconds, but should not have lasted longer than 5,000 milliseconds.

RegisterPage-1
Duration Assertion : The operation lasted too long: It took 11,785 milliseconds, but should not have lasted longer than 5,000 milliseconds.

This is my repository link upload files and project

<https://github.com/sivaji143843/Phase3---Assignment1>