

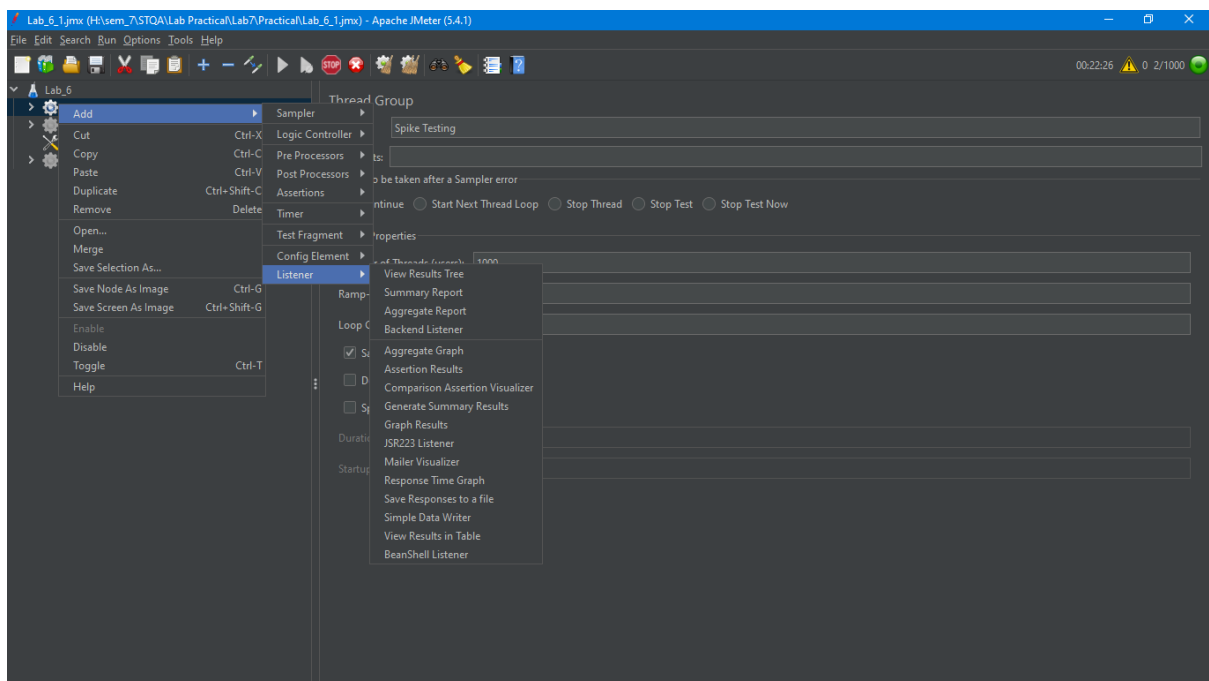
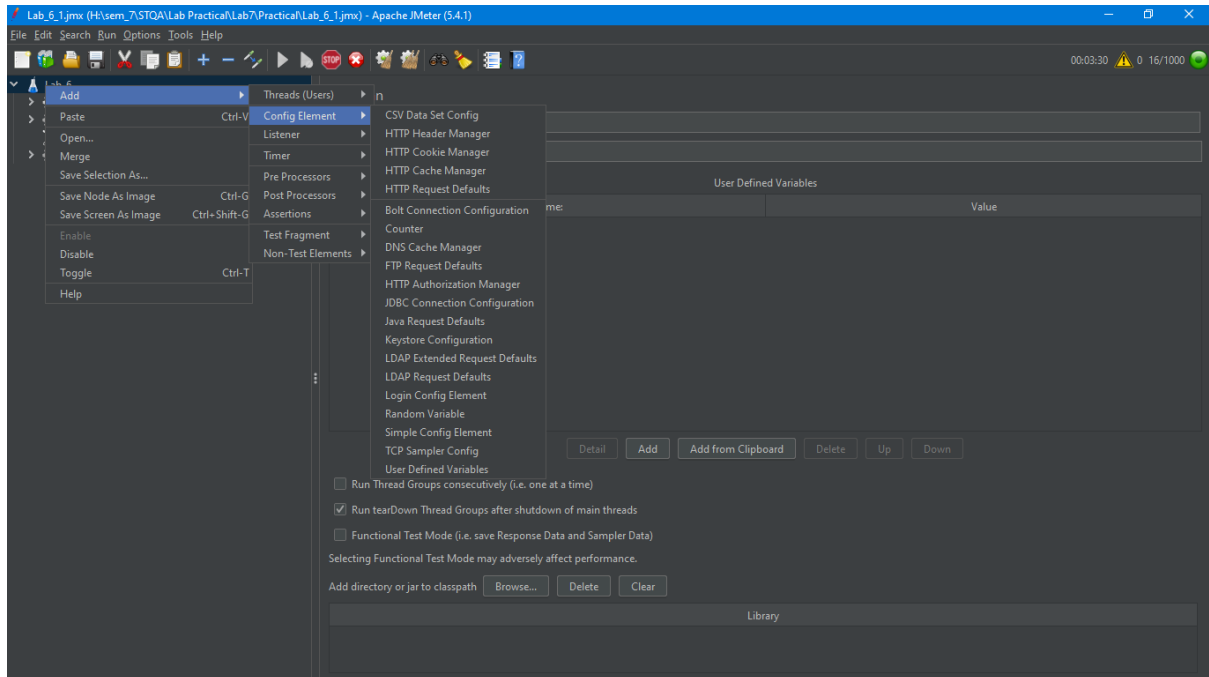
Name: Divya Mahur

Roll No: 18BCE106

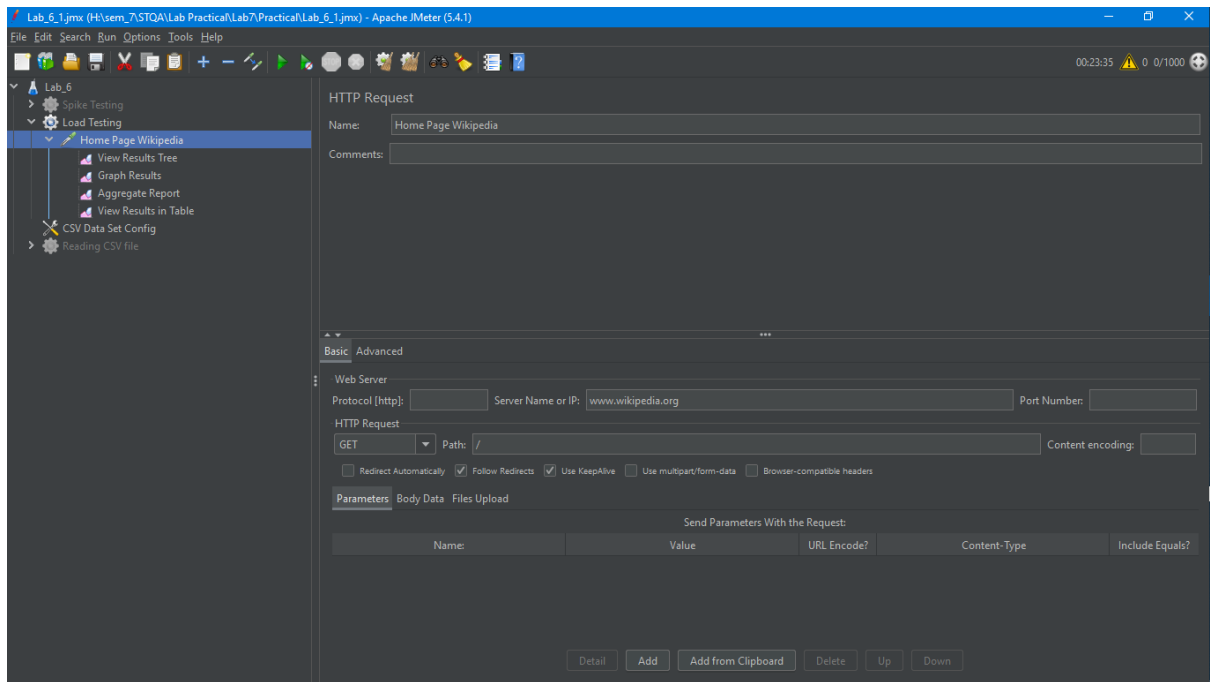
Subject: STQA

Lab 6

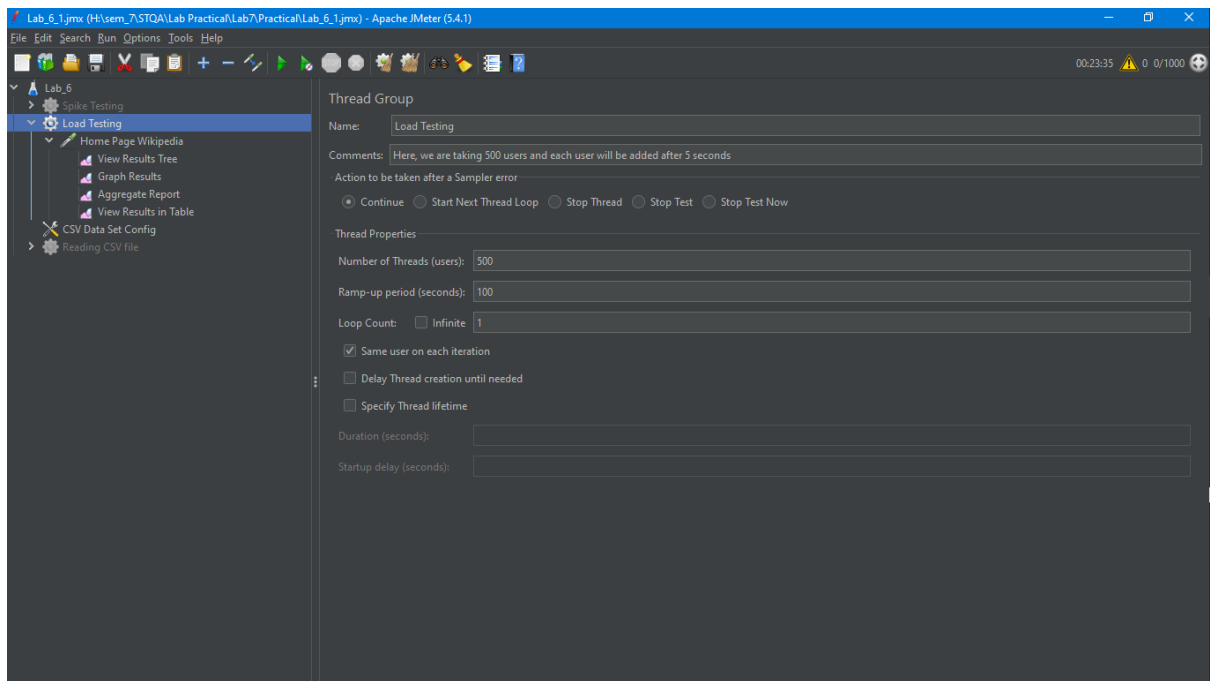
Title: Performance Testing using Jmeter



Http Request



Load Testing



Lab_6_1.jmx (H:\sem_7\STQA\Lab Practical\Lab7\Practical\Lab_6_1.jmx) - Apache JMeter (5.4.1)

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Lab_6

- Spike Testing
- Load Testing
 - Home Page Wikipedia
 - View Results Tree
 - Graph Results
 - Aggregate Report
 - View Results in Table
 - CSV Data Set Config
 - Reading CSV file

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

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

Search: Case sensitive Regular exp. Search Reset

Text

Sampler result: Request Response data

Thread Name: Load Testing 1-141
Sample Start: 2021-10-20 08:31:26 IST
Load time: 45474
Connect Time: 1400
Latency: 2217
Size in bytes: 79530
Sent bytes: 244
Headers size in bytes: 1837
Body size in bytes: 77693
Sample Count: 1
Error Count: 0
Data type ("text"|"bin"|""): text
Response code: 200
Response message: OK

HTTPSampleResult fields:
ContentType: text/html
DataEncoding: null

Raw Parsed

Lab_6_1.jmx (H:\sem_7\STQA\Lab Practical\Lab7\Practical\Lab_6_1.jmx) - Apache JMeter (5.4.1)

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View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

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

Search: Case sensitive Regular exp. Search Reset

Text

Sampler result: Request Response data

Thread Name: Load Testing 1-341
Sample Start: 2021-10-20 08:32:06 IST
Load time: 6104
Connect Time: 799
Latency: 0
Size in bytes: 2086
Sent bytes: 0
Headers size in bytes: 0
Body size in bytes: 2086
Sample Count: 1
Error Count: 1
Data type ("text"|"bin"|""): text
Response code: Non HTTP response code: org.apache.http.NoHttpResponseException
Response message: Non HTTP response message: www.wikipedia.org:80 failed to respond

HTTPSampleResult fields:
ContentType:
DataEncoding: null

Raw Parsed

Lab_6_1jmx (H:\sem_7\STQA\Lab Practical\Lab7\Practical\Lab_6_1jmx) - Apache JMeter (5.4.1)

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View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

Filename: Browse... Log/Display Only: ☐ Errors ☐ Successes ☐ Configuration

Sample #	Start Time	Thread Name	Label	Sample Time(...)	Status	Bytes	Sent Bytes	Latency	Connect Time(...)
1	08:30:58.318	Load Testing 1-2	Home Page Wi...	4524	✓	79530	244	1446	818
2	08:30:58.132	Load Testing 1-1	Home Page Wi...	5327	✓	79530	244	1592	1003
3	08:30:58.517	Load Testing 1-3	Home Page Wi...	5256	✓	79530	244	1248	619
4	08:30:58.899	Load Testing 1-5	Home Page Wi...	4891	✓	79530	244	911	324
5	08:30:58.697	Load Testing 1-4	Home Page Wi...	6109	✓	79530	244	1081	466
6	08:30:59.095	Load Testing 1-6	Home Page Wi...	5813	✓	79530	244	904	579
7	08:30:59.504	Load Testing 1-8	Home Page Wi...	6496	✓	79530	244	983	460
8	08:30:59.894	Load Testing 1-9	Home Page Wi...	6106	✓	79530	244	1413	409
9	08:30:59.299	Load Testing 1-7	Home Page Wi...	6706	✓	79530	244	1109	644
10	08:31:01.301	Load Testing 1...	Home Page Wi...	4996	✓	79530	244	446	285
11	08:31:01.296	Load Testing 1...	Home Page Wi...	5002	✓	79530	244	451	282
12	08:31:00.105	Load Testing 1...	Home Page Wi...	6264	✓	79530	244	1369	559
13	08:31:00.793	Load Testing 1...	Home Page Wi...	5704	✓	79530	244	952	685
14	08:31:00.362	Load Testing 1...	Home Page Wi...	6259	✓	79530	244	1218	993
15	08:31:00.295	Load Testing 1...	Home Page Wi...	6411	✓	79530	244	1284	1019
16	08:31:01.338	Load Testing 1...	Home Page Wi...	5582	✓	79530	244	595	261
17	08:31:01.484	Load Testing 1...	Home Page Wi...	5583	✓	79530	244	655	259
18	08:31:01.981	Load Testing 1...	Home Page Wi...	8185	✓	79530	244	1499	435
19	08:31:02.279	Load Testing 1...	Home Page Wi...	8325	✓	79530	244	1681	545
20	08:31:02.078	Load Testing 1...	Home Page Wi...	8671	✓	79530	244	1706	476
21	08:31:03.062	Load Testing 1...	Home Page Wi...	9418	✓	79530	244	1801	934
22	08:31:03.265	Load Testing 1...	Home Page Wi...	9294	✓	79530	244	1631	781

☐ Scroll automatically? ☐ Child samples? No of Samples 500 Latest Sample 23359 Average 17481 Deviation 12182

Lab_6_1jmx (H:\sem_7\STQA\Lab Practical\Lab7\Practical\Lab_6_1jmx) - Apache JMeter (5.4.1)

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Aggregate Report

Name: Aggregate Report

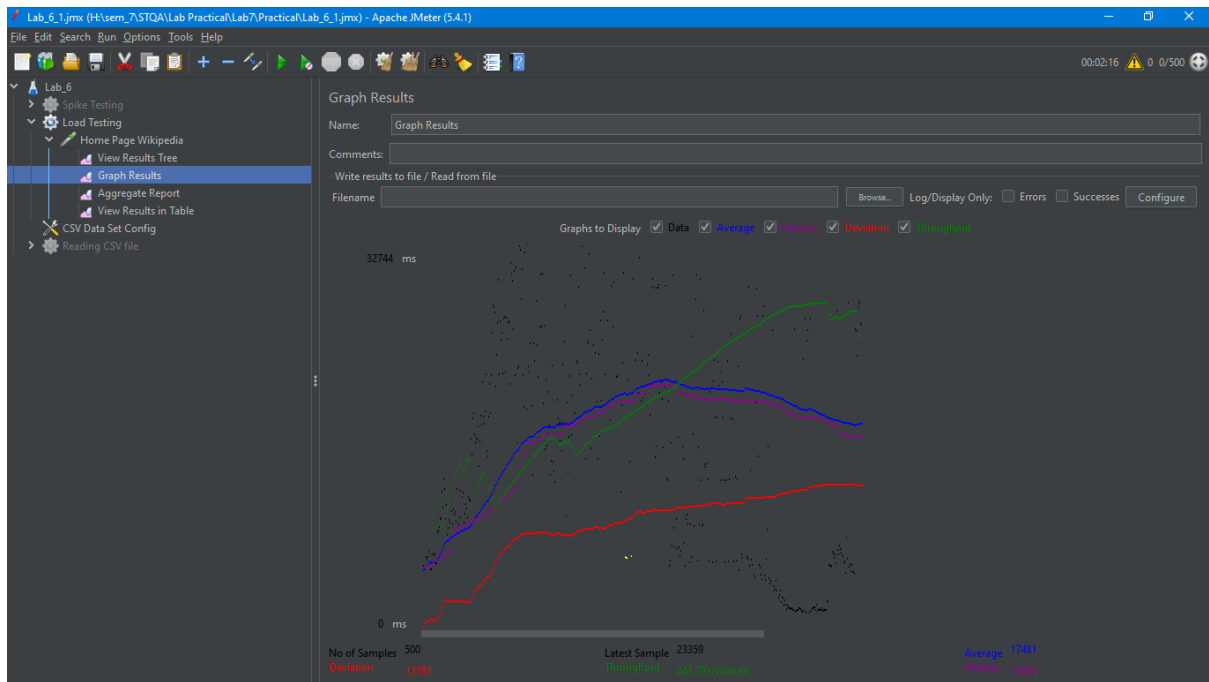
Comments:

Write results to file / Read from file

Filename: Browse... Log/Display Only: ☐ Errors ☐ Successes ☐ Configuration

Label	# Samples	Average	Median	90% Line	95% Line	99% Line	Min	Maximum	Error %	Throughput	Received K...	Sent KB/sec
Home Pag...	500	17481	16456	32594	37573	53229	1325	67549	0.80%	4.1/sec	313.12	0.96
TOTAL	500	17481	16456	32594	37573	53229	1325	67549	0.80%	4.1/sec	313.12	0.96

☐ Include group name in label? ☒ Save Table Header



Spike Testing

Lab_6_1.jmx (H:\sem_7\STQA\Lab Practical\Lab7\Practical\Lab_6_1.jmx) - Apache JMeter (5.4.1)

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Lab_6

- Spike Testing
- Load Testing
 - Home Page Wikipedia
 - View Results in Table
 - View Results Tree
 - Aggregate Report
 - Graph Results
 - Summary Report
 - CSV Data Set Config
 - Reading CSV file
 - Request \${Songs} \${id}
 - View Results Tree

Thread Group

Name: Spike Testing

Comments:

Action to be taken after a Sampler error

☒ Continue ☐ Start Next Thread Loop ☐ Stop Thread ☐ Stop Test ☐ Stop Test Now

Thread Properties

Number of Threads (users): 300

Ramp-up period (seconds): 1

Loop Count: ☐ Infinite

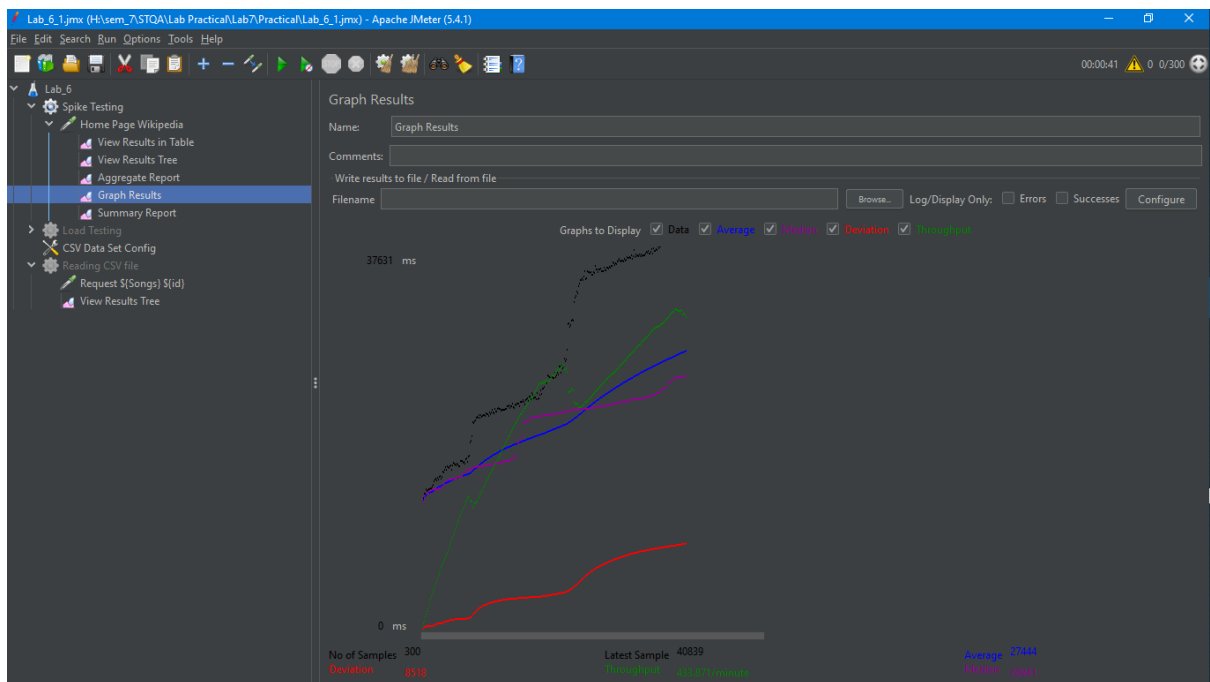
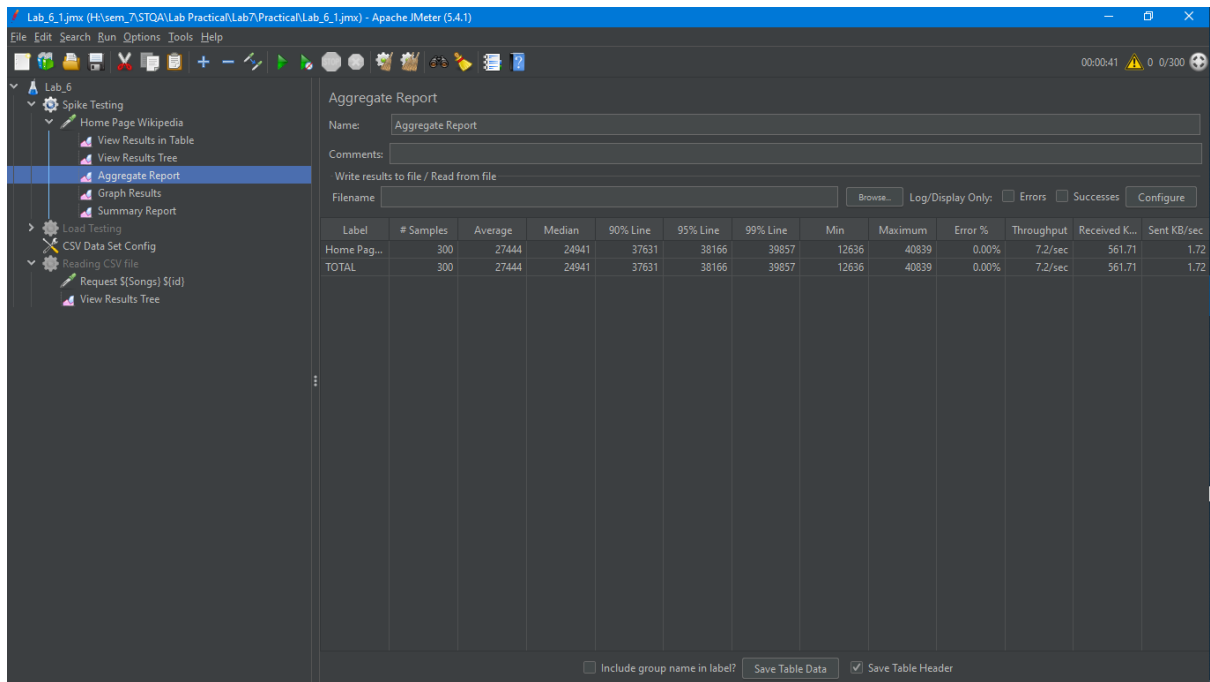
☒ Same user on each iteration

☐ Delay Thread creation until needed

☐ Specify Thread lifetime

Duration (seconds):

Startup delay (seconds):



Recording Script between Client and Server

