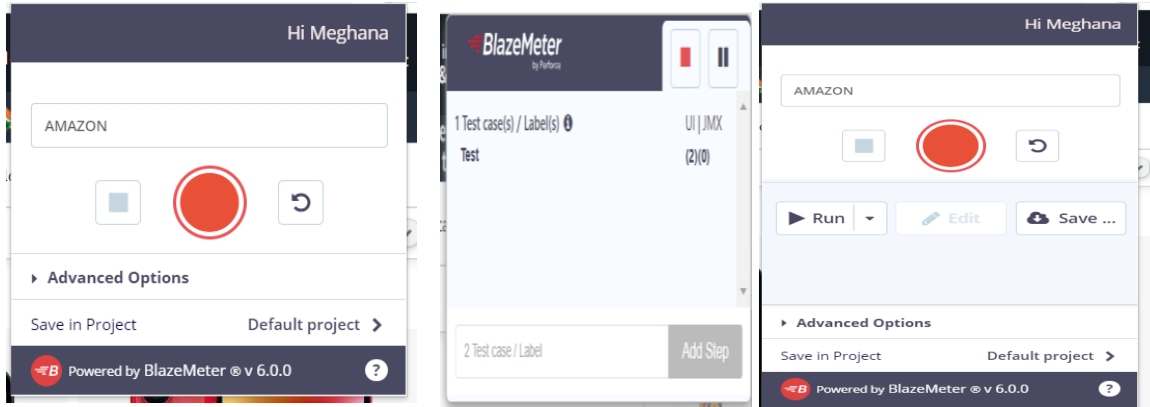


Phase-3 Jmeter assisted projects

1. Write a program to demonstrate how a JMeter script is recorded.



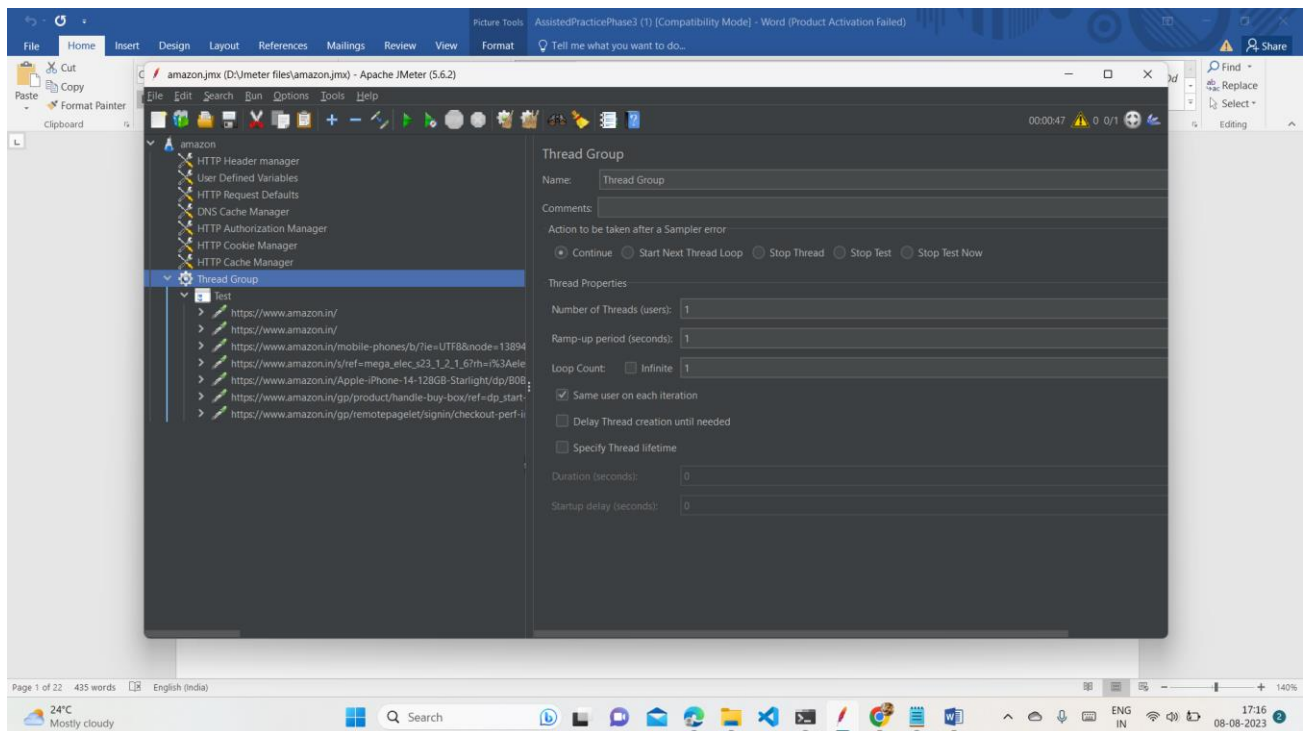
Step1: download blaze meter extensions plugin in chrome

Step2: login to the balazemeter in chrome

Step3: start recording and save

Step4: stop

2. Write a program to demonstrate how load (threads) is added in JMeter.

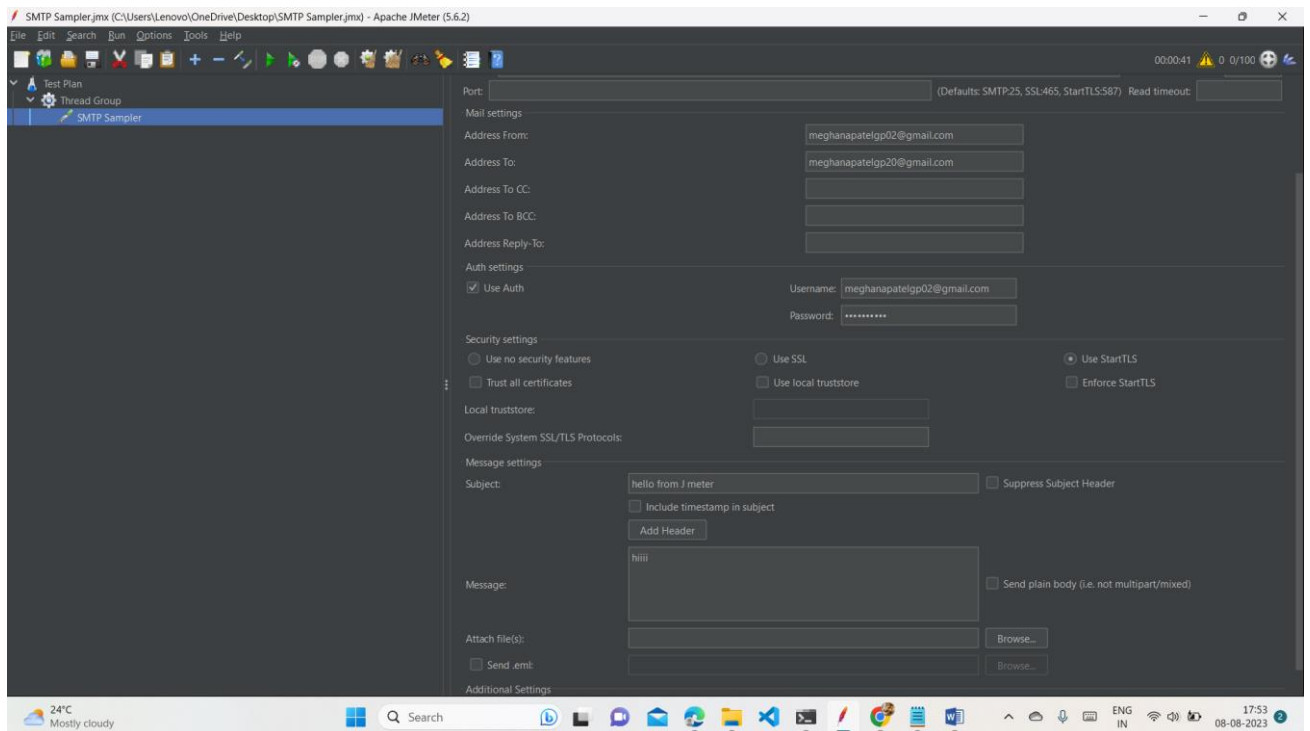


3. Write a program to demonstrate how load is increased in JMeter.

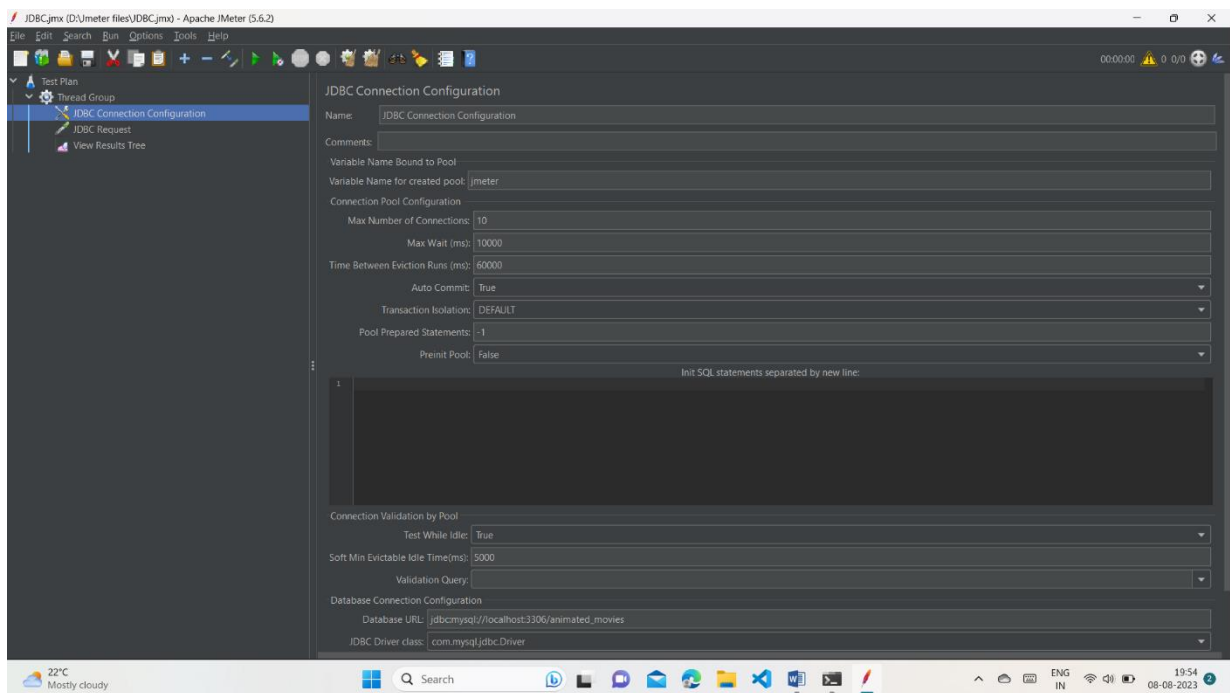
The screenshot displays the Apache JMeter 5.6.2 interface. The left sidebar shows the test plan structure, including a Thread Group containing a Test element with several URLs. The right sidebar shows the configuration for the selected Thread Group, including Name, Comments, Action to be taken after a Sampler error, and Thread Properties. The Thread Properties section shows the Number of Threads (users) set to 100, Ramp-up period (seconds) set to 10, and Loop Count set to Infinite. The View Results Tree tab is active, showing a list of test results for the selected Thread Group. The results list includes URLs such as https://www.shopclues.com/, https://www.shopclues.com/mobiles-smartphones.html?facet_brar, https://www.shopclues.com/samsung-galaxy-a03s-black-32-gb-3-, and https://secure.shopclues.com/atom/acart/summary. The View Results Tree also shows a 'Sampler result' section with a 'Text' field containing the same URLs. The bottom status bar indicates 'Start Testing Now'.

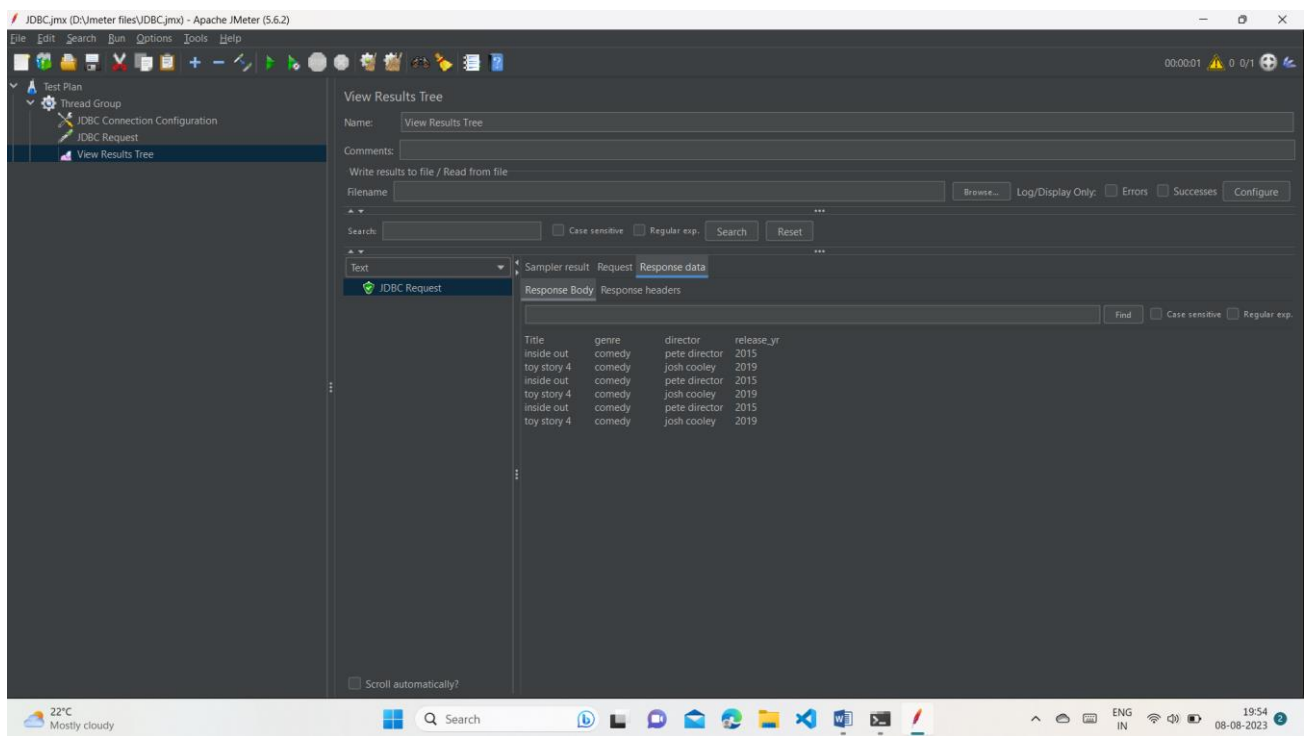
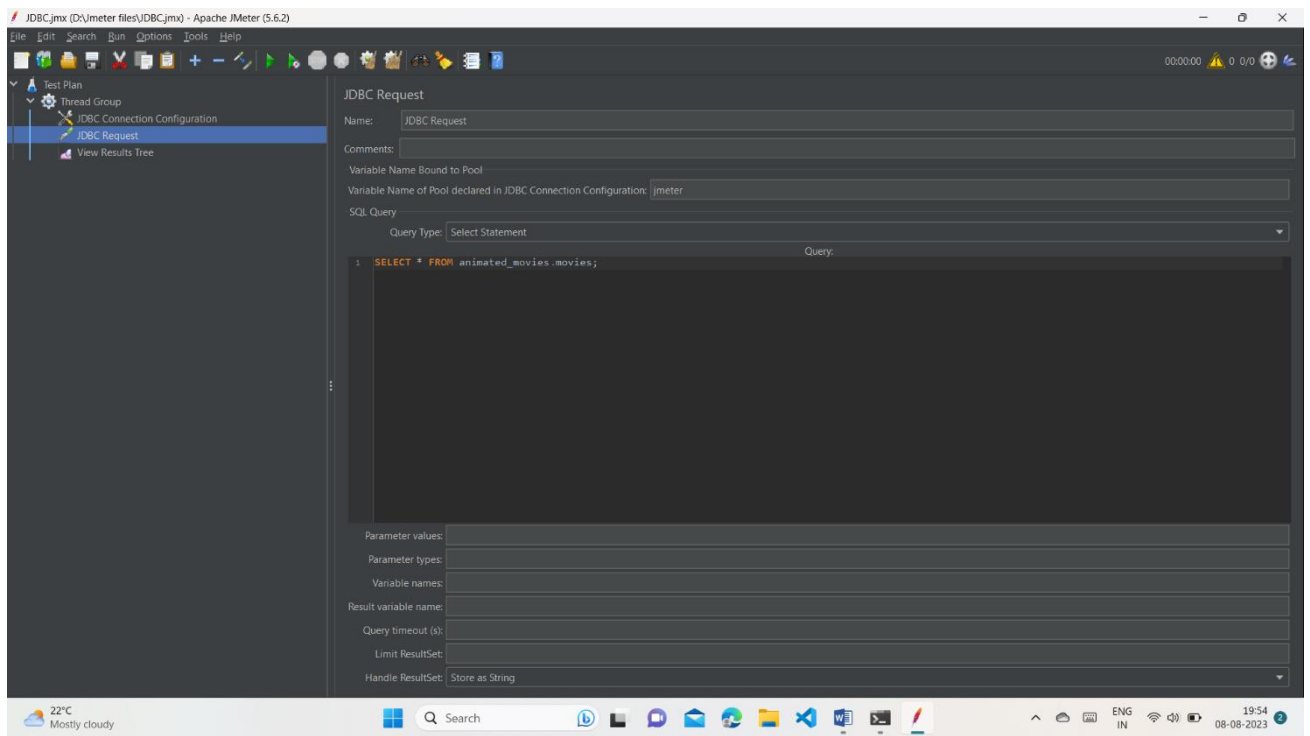
9. Write a program to demonstrate how Selenium WebDriver is integrated using JMeter script.

5. Write a program to demonstrate how a SMTP sampler script is run in JMeter.



6. Write a program to demonstrate how a JDBC sampler script is run in JMeter





1. Set up the Database

CREATE database animated_movies

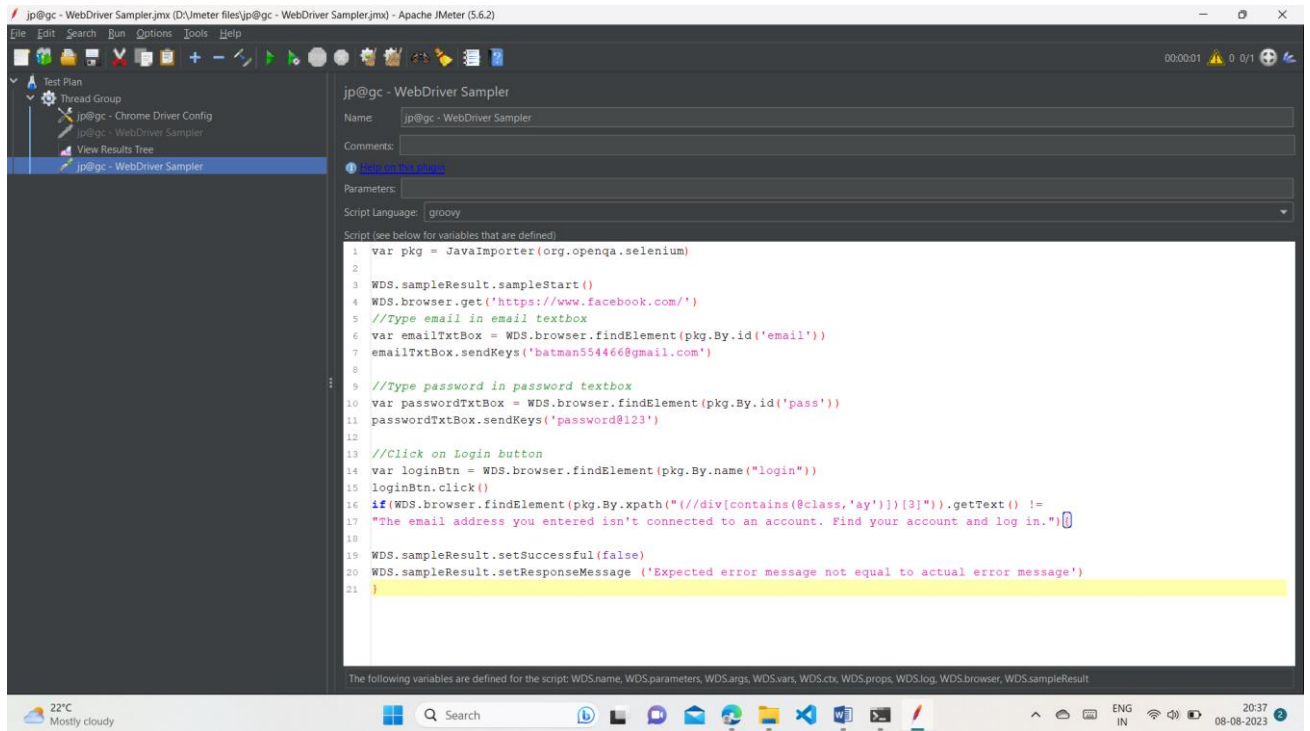
USE animated_movies;

CREATE TABLE movies(movie_id INT PRIMARY KEY,title VARCHAR(50) NOT NULL,genre VARCHAR(30) NOT NULL,director VARCHAR(50) NOT NULL,release_year INT NOT NULL);

INSERT INTO movies VALUE(1,'insideout','comedy','peteDoctor',2015);

INSERT INTO movies VALUE(3,'iToyStory','comedy','joshCooley',2020);

9. Write a program to demonstrate how Selenium WebDriver is integrated using JMeter script.



10. Write a program to demonstrate a WebDriver set sampler script in JMeter.

jp@gc - WebDriver Sampler.jmx (D:\Jmeter files\jp@gc - WebDriver Sampler.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

00:01:03 0/100

Test Plan

- Thread Group
 - jp@gc - Chrome Driver Config
 - jp@gc - WebDriver Sampler
 - View Results Tree
 - jp@gc - WebDriver Sampler

jp@gc - WebDriver Sampler

Name: jp@gc - WebDriver Sampler

Comments:

Parameters:

Script Language: groovy

Script (see below for variables that are defined)

```
1 WDS.sampleResult.sampleStart()
2 WDS.browser.get('https://linkedin.com')
3 if(WDS.browser.getTitle() != 'LinkedIn: Log In or Sign Up') {
4     WDS.sampleResult.setSuccessful(false)
5     WDS.sampleResult.setResponseMessage('Title not equal to LinkedIn: Log In or Sign Up')
6 }
```

The following variables are defined for the script: WDS.name, WDS.parameters, WDS.args, WDS.vars, WDS.ctx, WDS.props, WDS.log, WDS.browser, WDS.sampleResult

22°C Mostly cloudy

Search

ENG IN 20:14 08-08-2023

jp@gc - WebDriver Sampler.jmx (D:\Jmeter files\jp@gc - WebDriver Sampler.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

00:00:05 0 0/1

Test Plan

- Thread Group
 - jp@gc - Chrome Driver Config
 - jp@gc - WebDriver Sampler
 - View Results Tree
 - jp@gc - WebDriver Sampler

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

jp@gc - WebDriver Sampler

Sampler result: Request: Response data

Thread Name: Thread Group 1-1
Sample Start: 2023-08-08 20:15:50 IST
Load time: 0
Connect Time: 0
Latency: 0
Size in bytes: 132945
Sent bytes: 0
Headers size in bytes: 0
Body size in bytes: 132945
Sample Count: 1
Error Count: 0
Data type: ["Text(Tbln)"]text
Response code: 200
Response message: OK

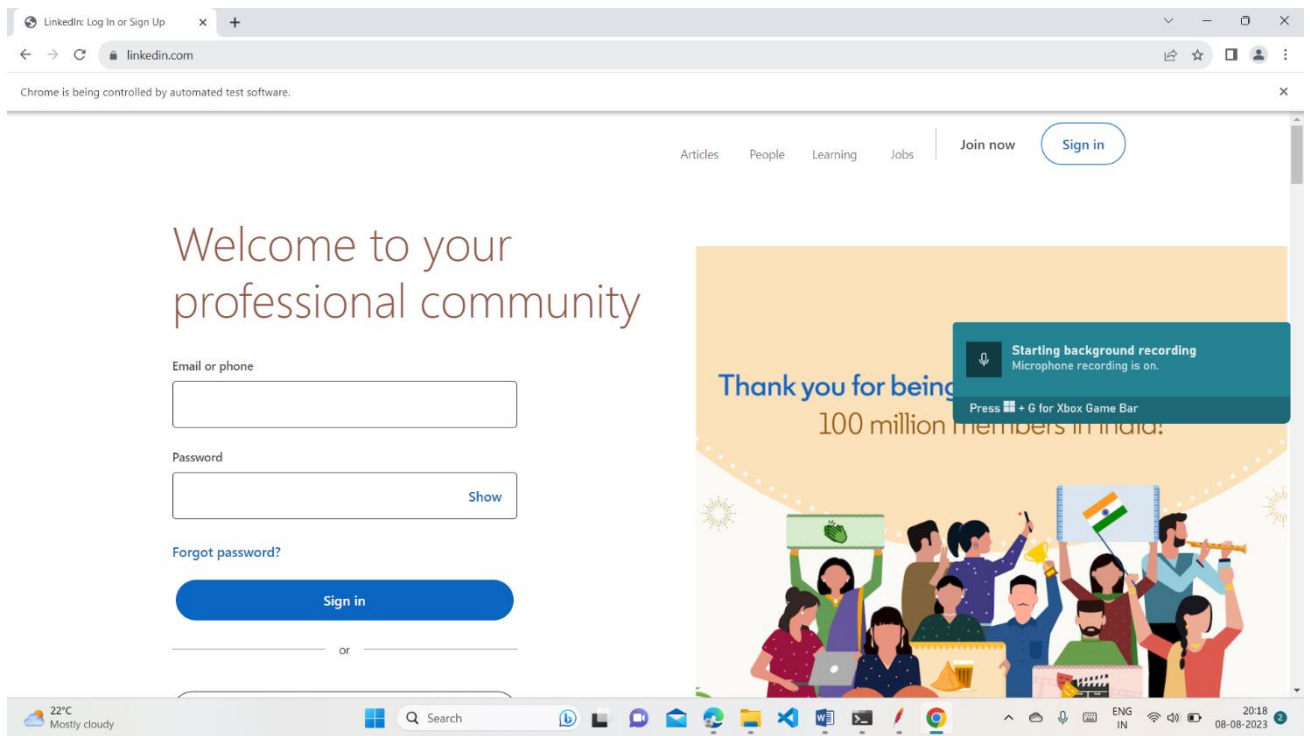
SampleResult fields:
ContentType: text/plain
DataEncoding: UTF-8

Scroll automatically? Raw Parsed

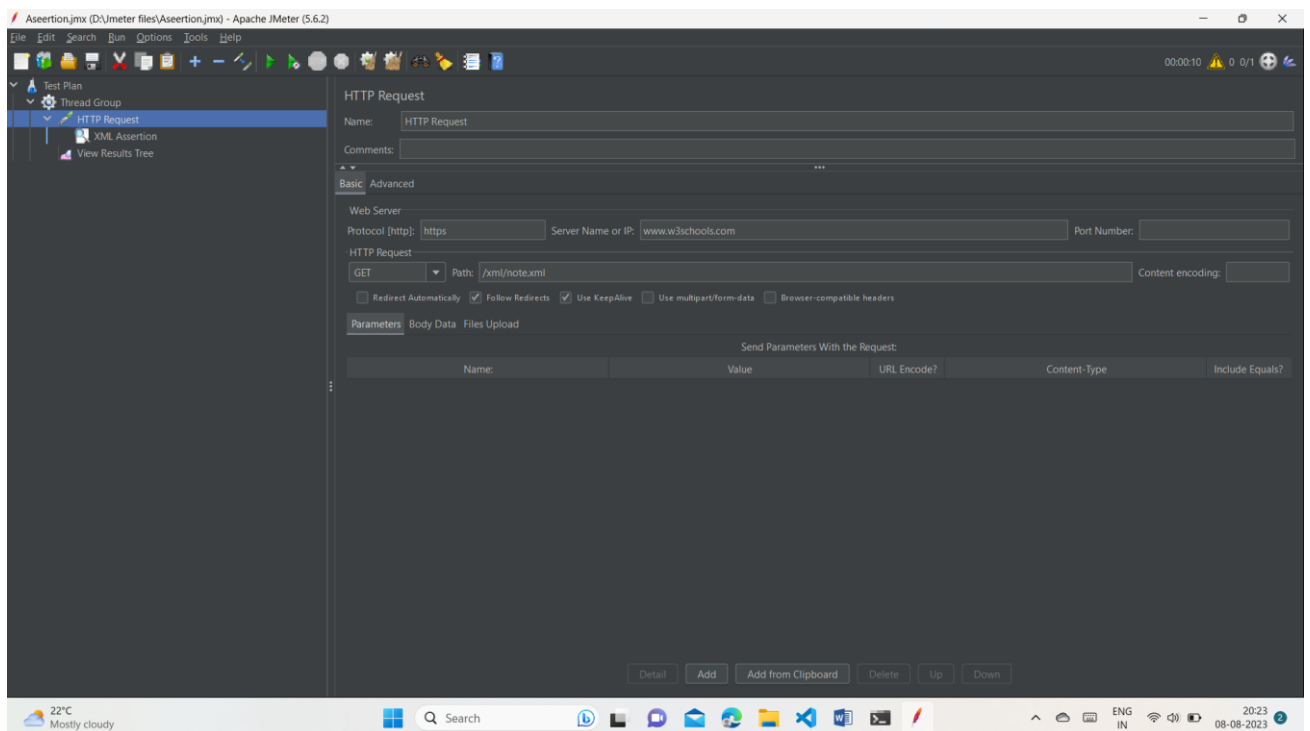
22°C Mostly cloudy

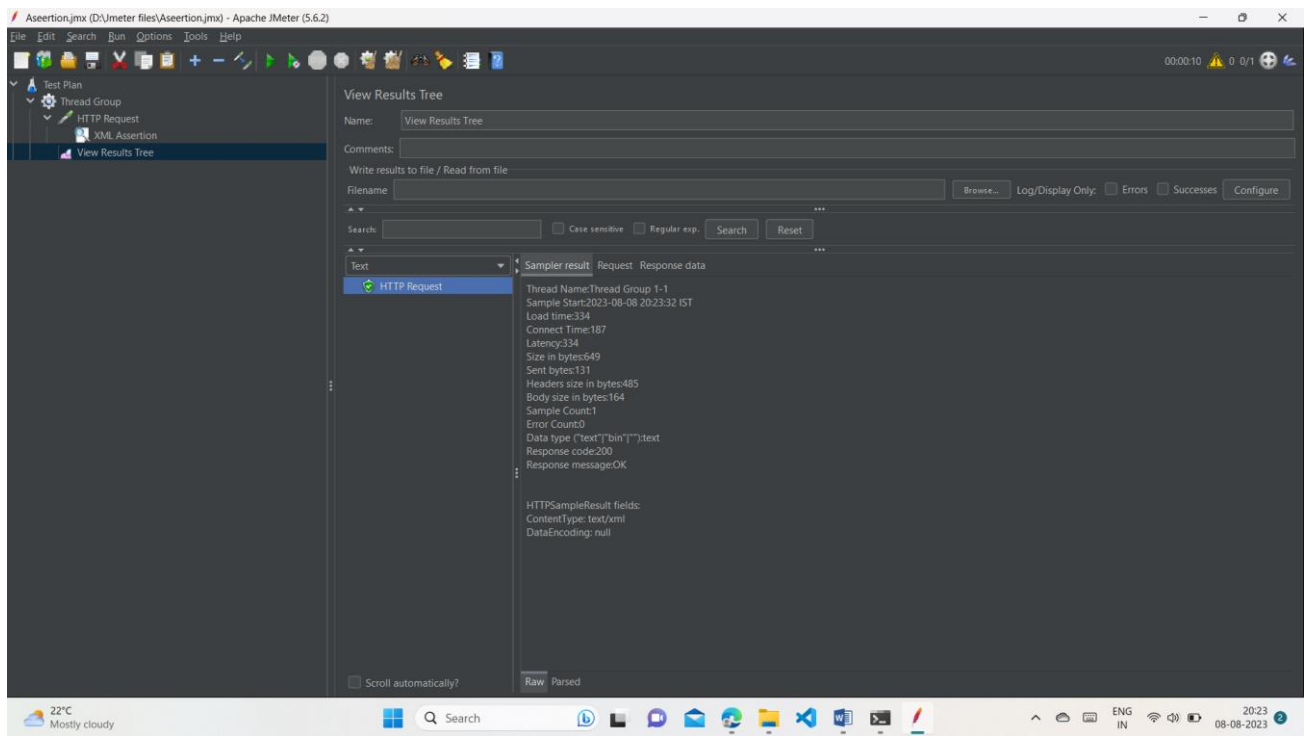
Search

ENG IN 20:16 08-08-2023

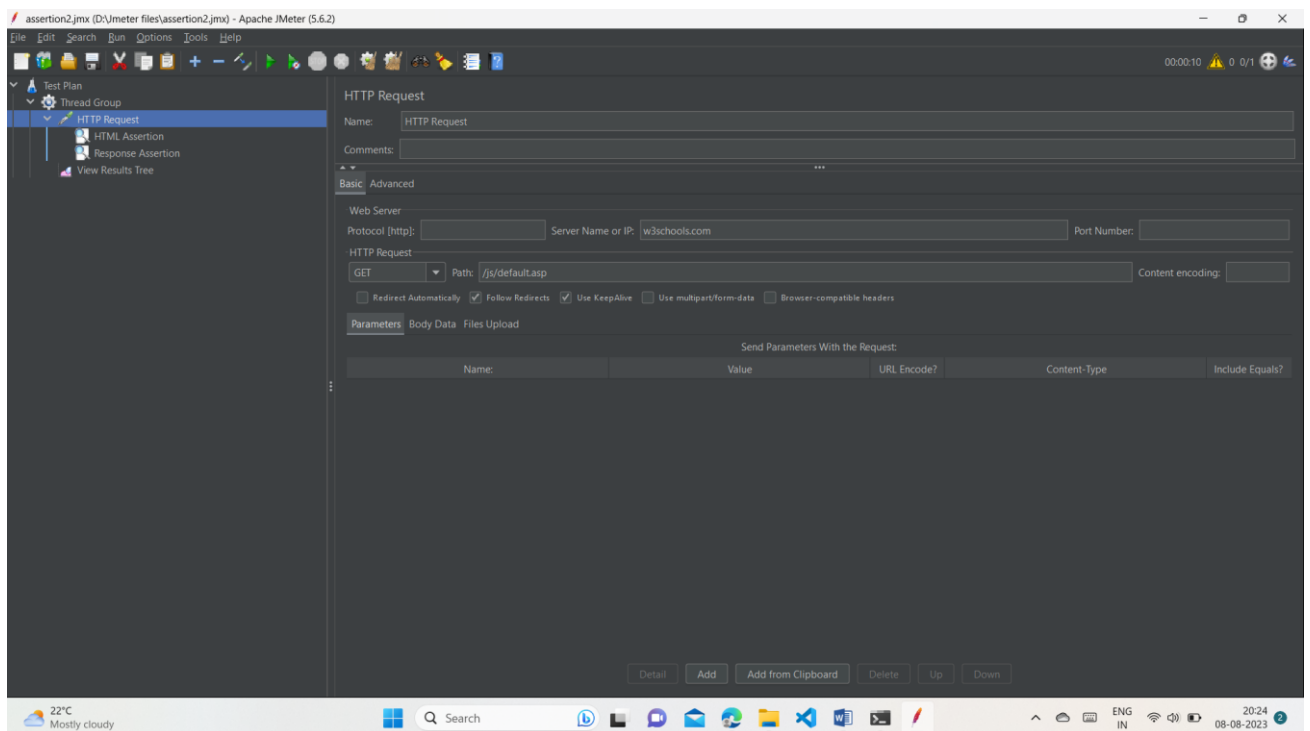


22 .Write a program to demonstrate XML and XML schema assertions in JMeter.

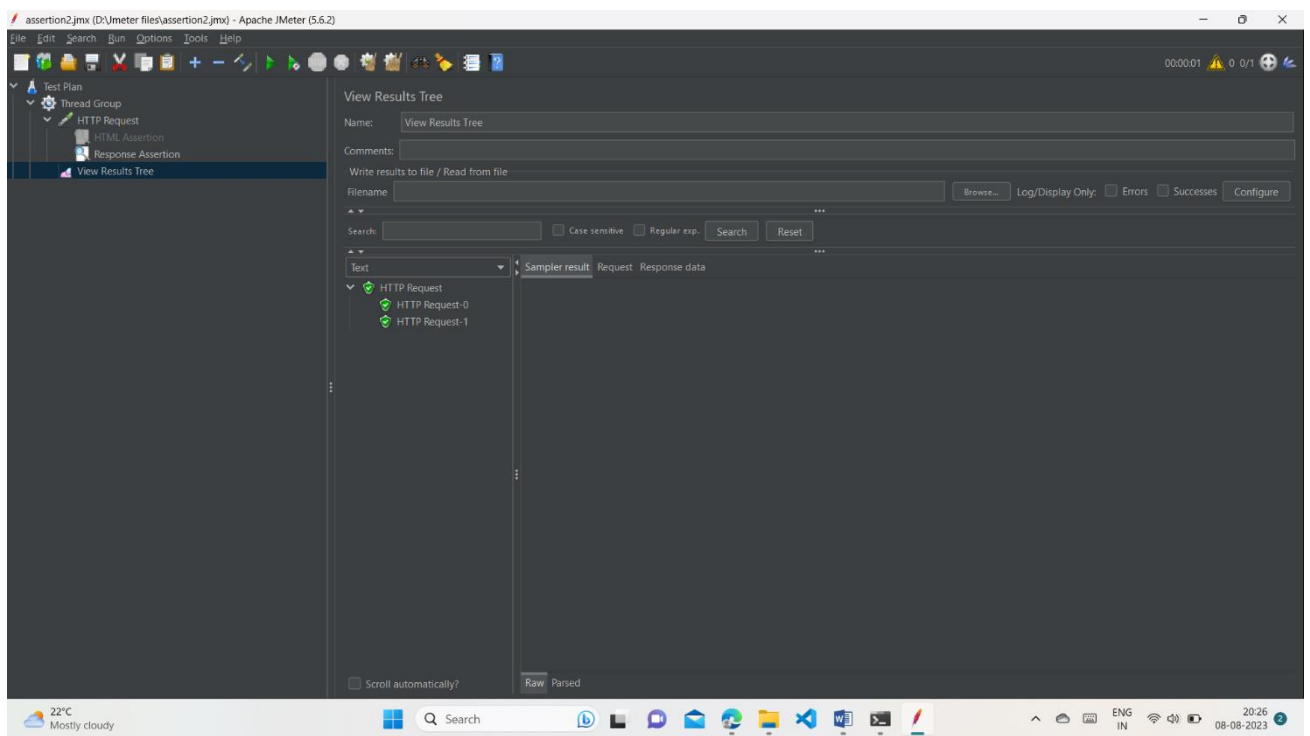
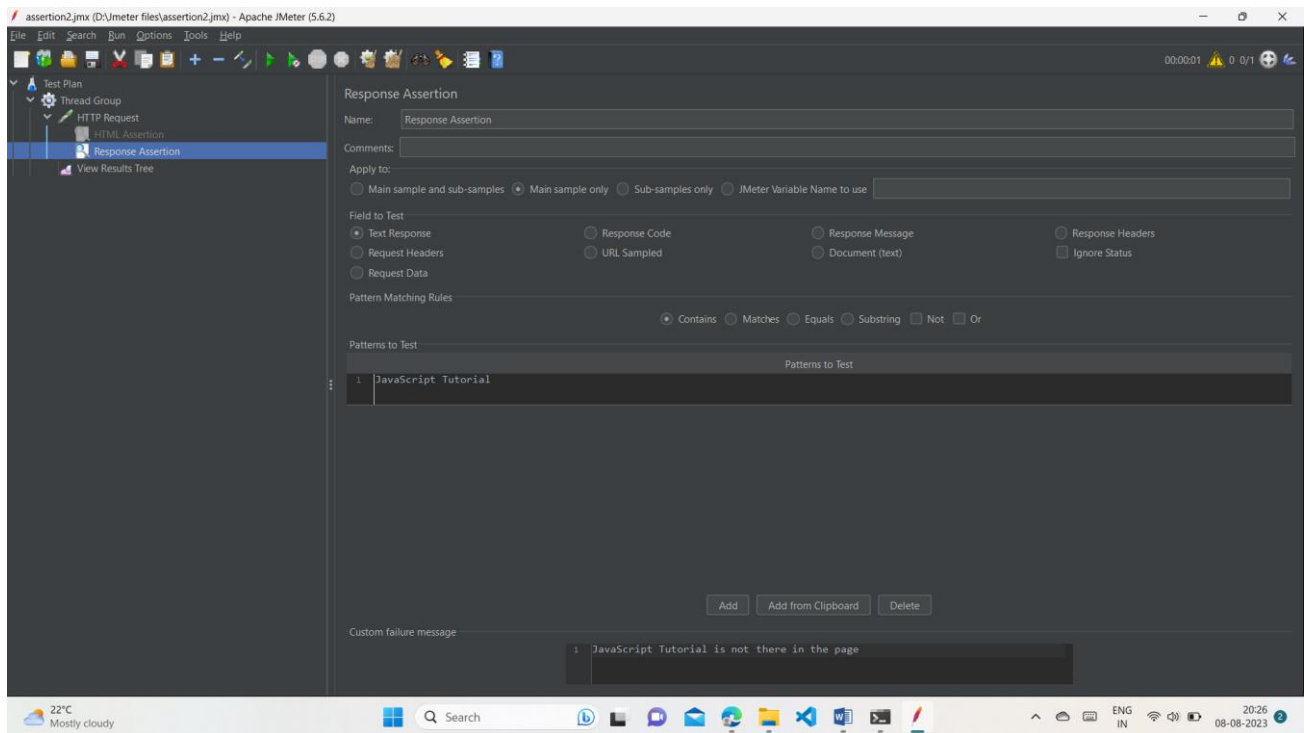




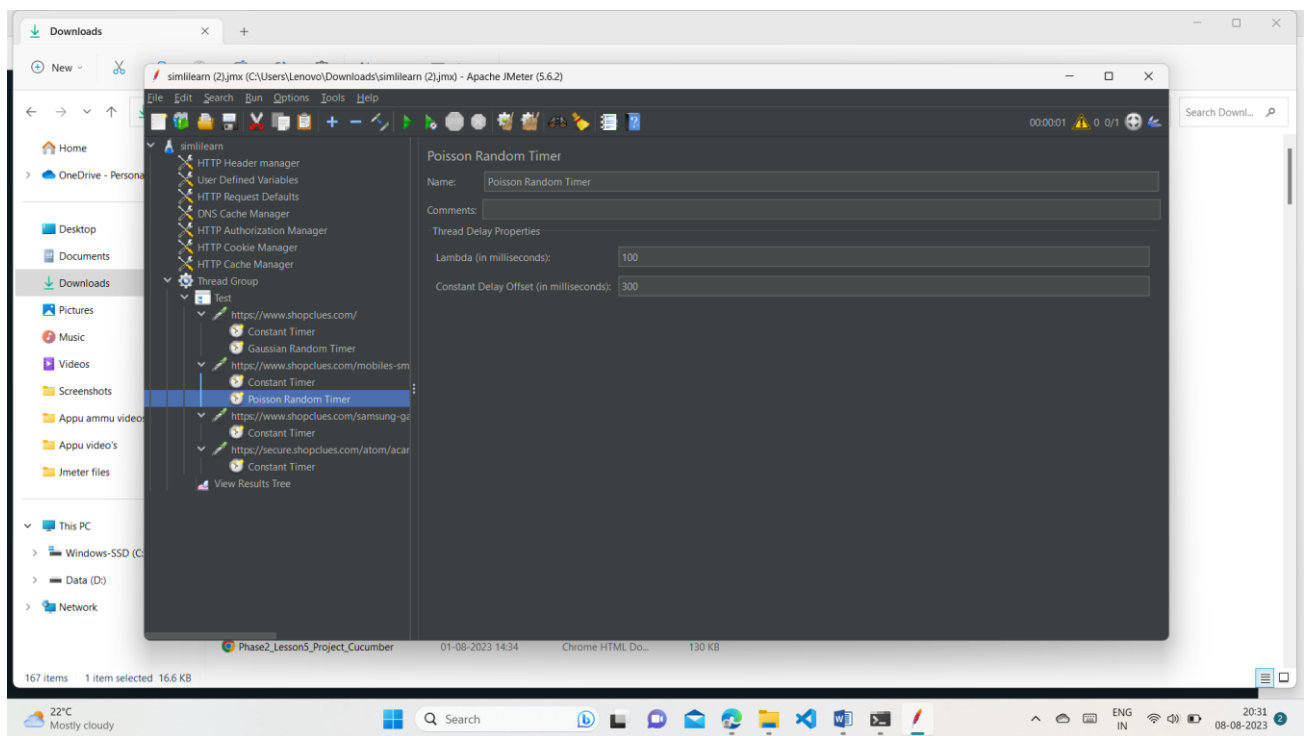
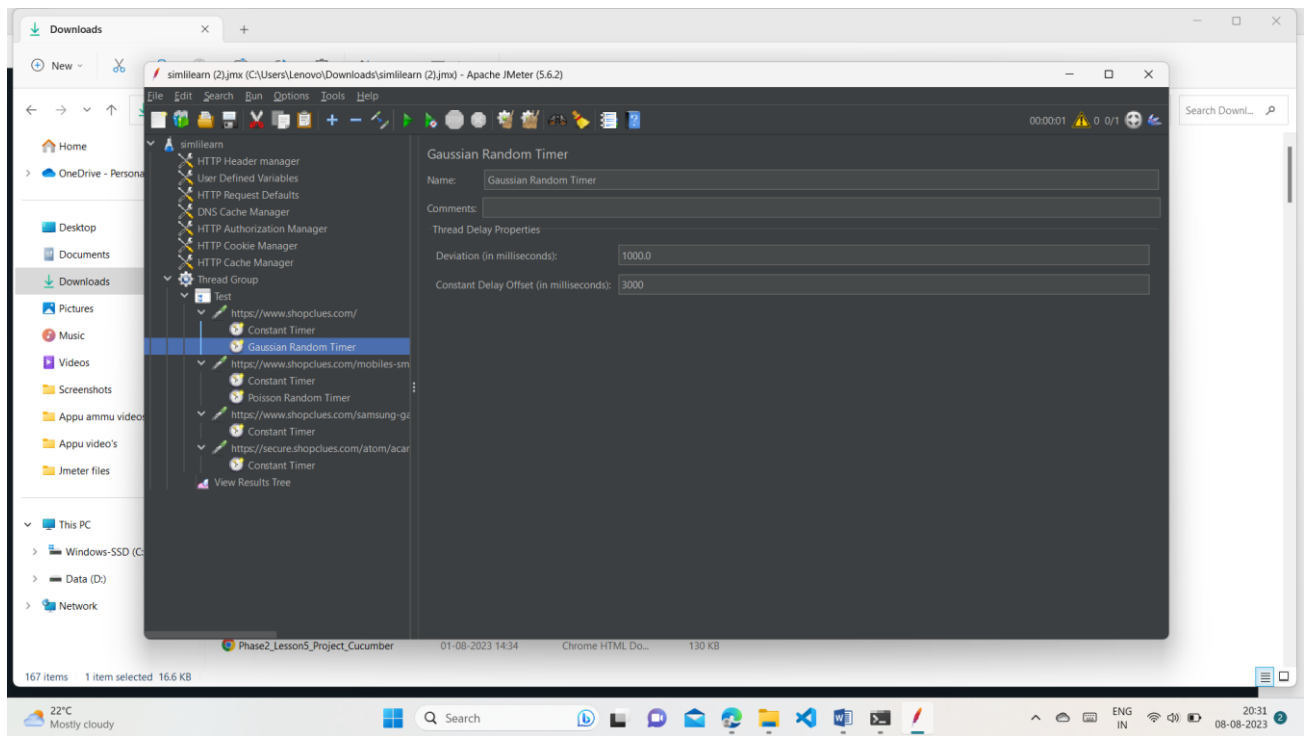
23. Write a program to demonstrate HTML assertions in JMeter.



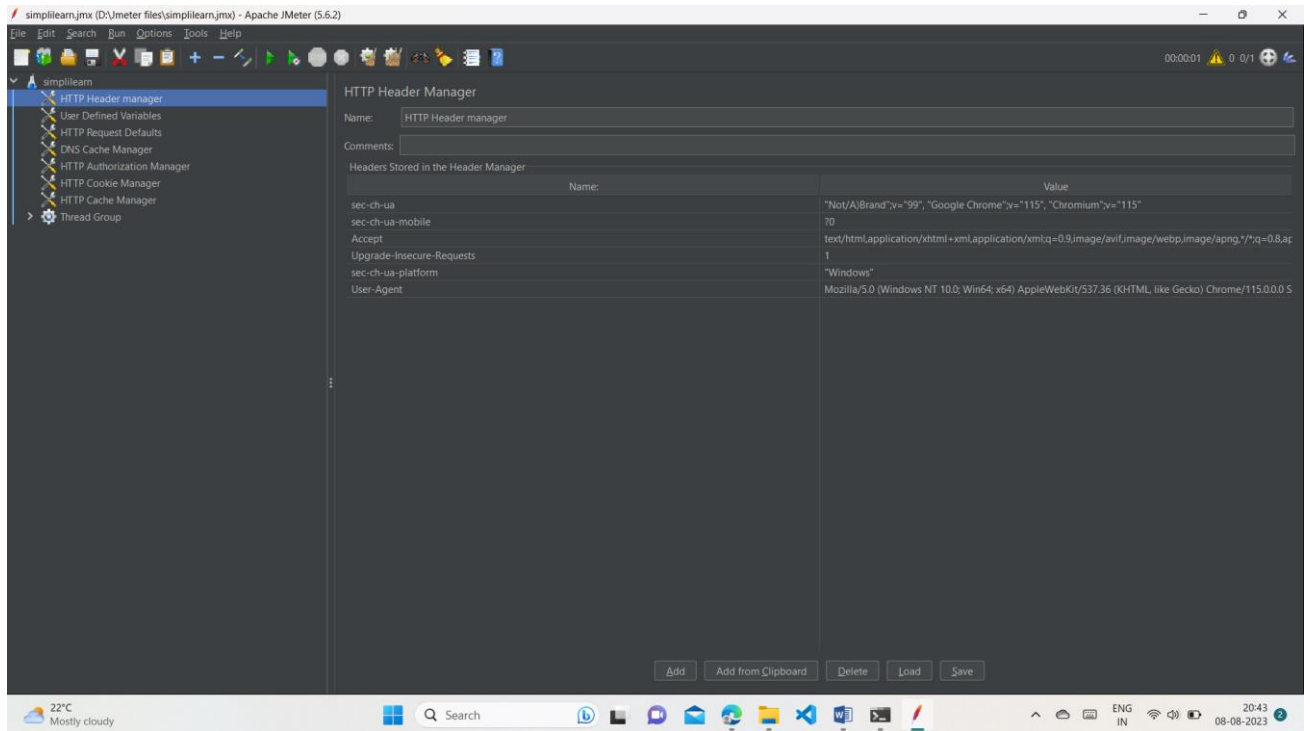
24. Write a program to demonstrate response assertions in Jmeter



26. Write a program to demonstrate random timers (Constant, Gaussian, and Poisson timers) in JMeter.



29. Write a program to demonstrate configuration elements for HTTP, FTP, Java, JDBC, and UDV in JMeter.



30. Write a program to demonstrate Http Authentication Manager, cookies, and CSV Data Set Config in JMeter.

