

Lab - 6

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Section: 4

1. Screenshot of website : <https://jmeter.apache.org>

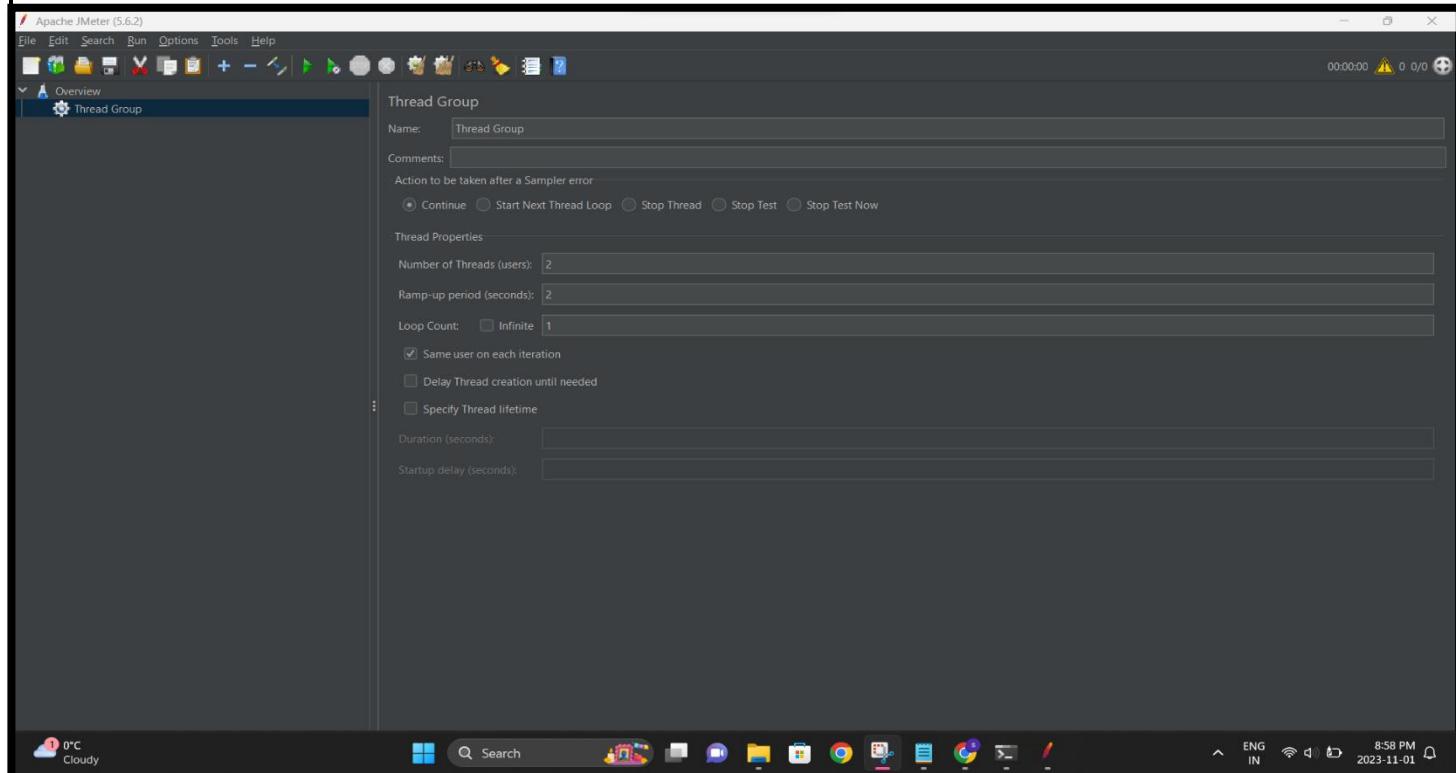
The screenshot shows the official Apache JMeter website. At the top, there's a navigation bar with links for Home, Documentation, Tutorials, and Community. The main content area features the Apache Software Foundation logo, the Apache JMeter logo, and a "Community CODE" badge. Below the header, there are sections for "About", "Download", "Documentation", "Tutorials", and "Community". The "About" section includes links for Overview and License. The "Download" section links to Download Releases and Release Notes. The "Documentation" section links to Get Started, User Manual, Best Practices, Component Reference, Functions Reference, Properties Reference, Change History, Javadoc, JMeter Wiki, and FAQ (Wiki). The "Tutorials" section links to Distributed Testing, Recording Tests, JUnit Sampler, Access Log Sampler, and Extending JMeter. The "Community" section links to Issue Tracking. In the center, there's a large heading "Apache JMeter™" with a sub-section titled "What can I do with it?". This section describes JMeter's capabilities for testing performance on static and dynamic resources, web applications, and various protocols like Web, SOAP, REST, and Database. It also highlights features such as a Test IDE, recording from browsers or native applications, and headless mode. The footer contains standard links for Support, Help, and Contact, along with social media icons for Twitter and GitHub.

2. Screenshot of thread group.

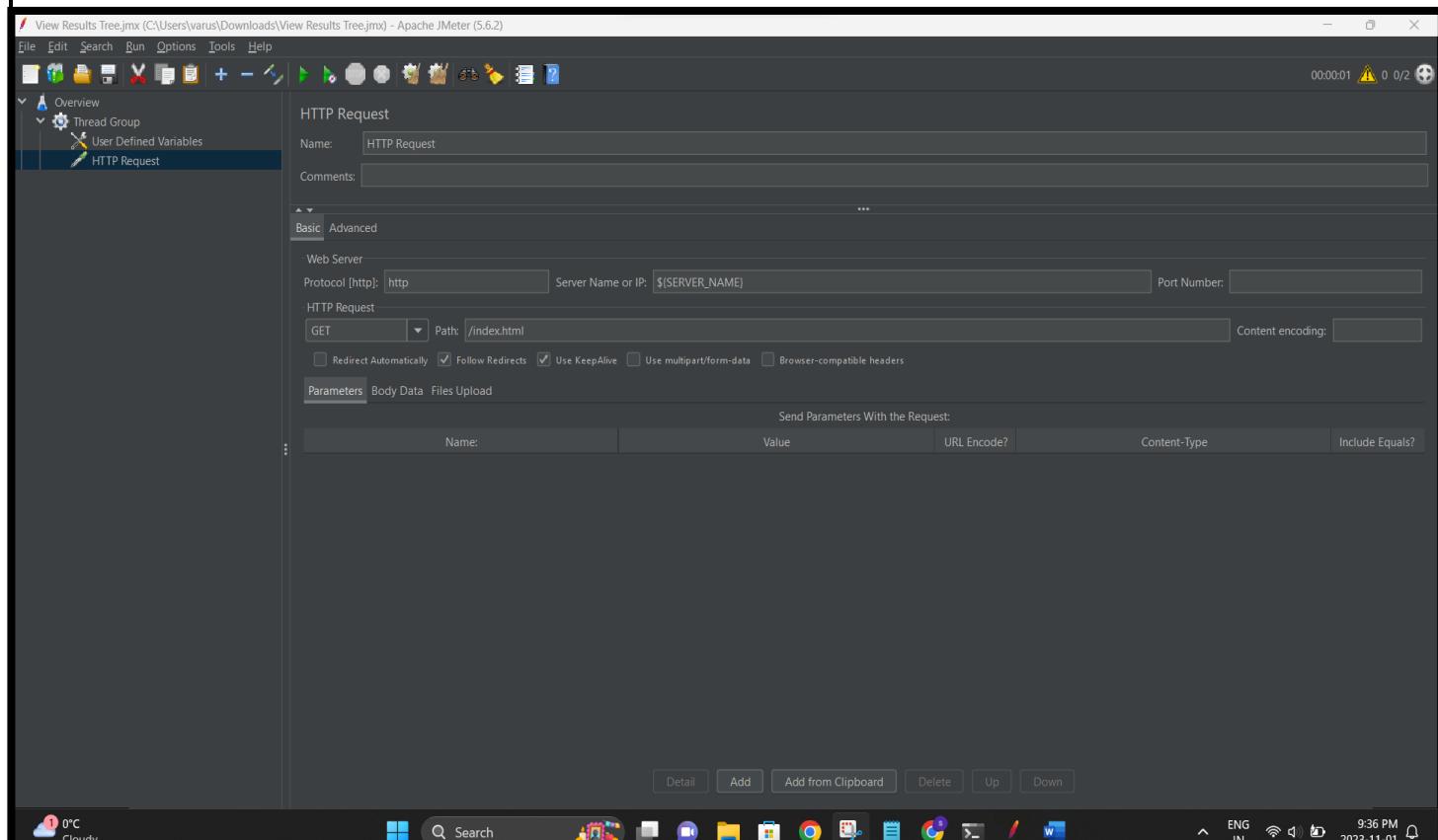
Put: No. of threads= 2

Ramp up period= 2s

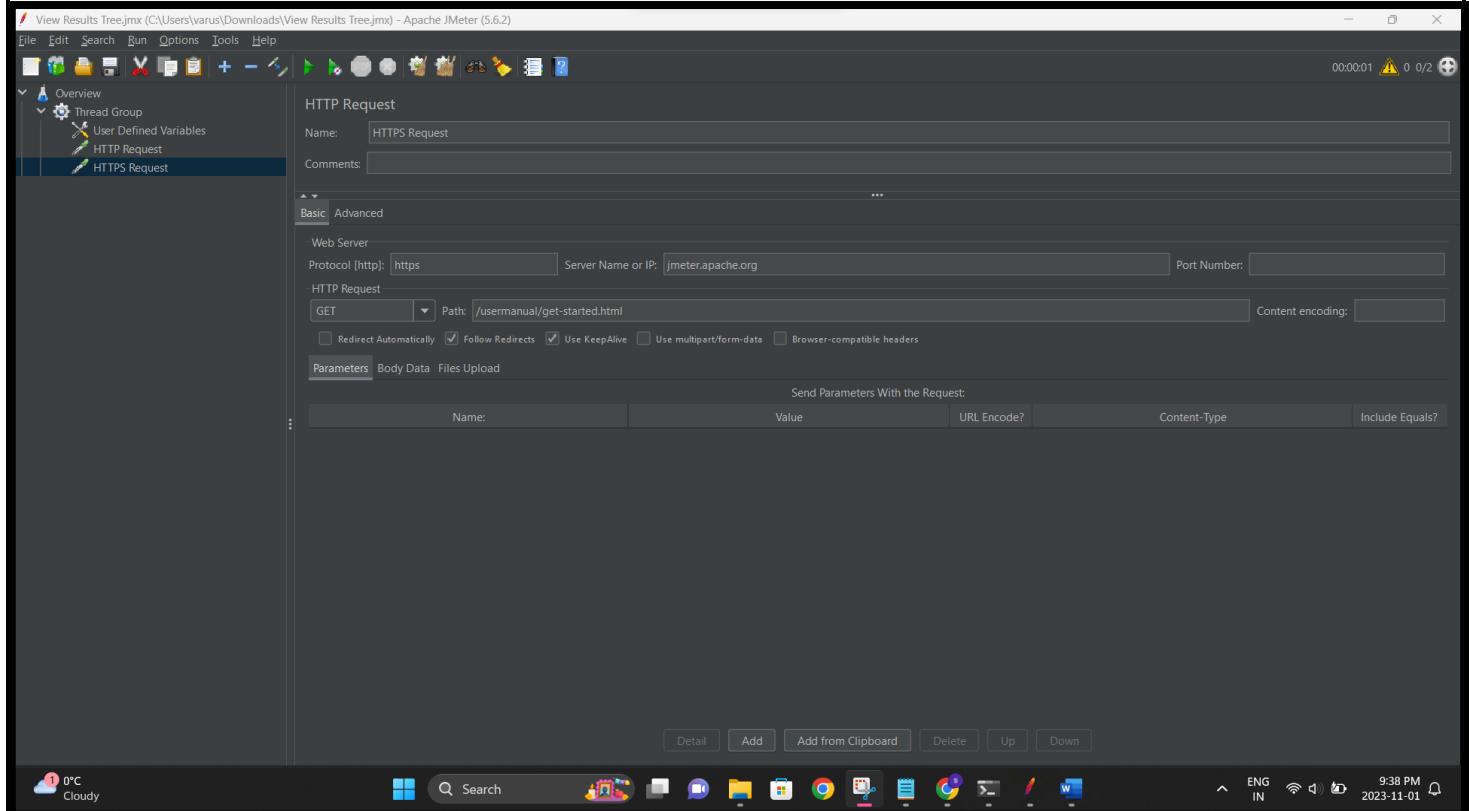
Loop count = 1



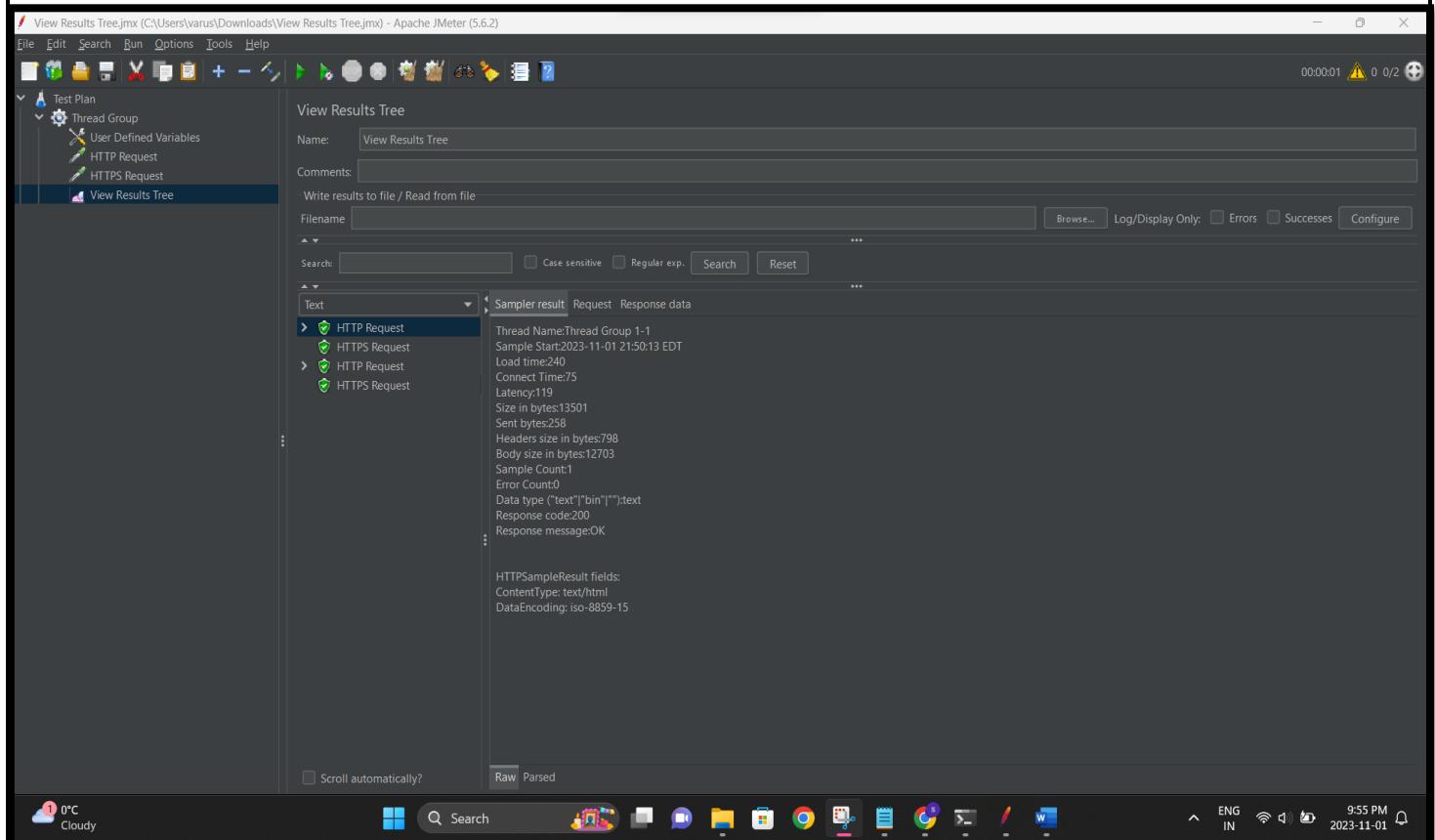
3. First Sampler (HTTP request): Use user defined variable in server name or IP(<https://jmeter.apache.org/index.html>)



4. Second Sampler (HTTPS request): url path in server name or IP (<https://jmeter.apache.org/usermanual/get-started.html>)



5. Screenshot of listener (View Result Tree)



6. Screenshot of 2nd listener (View Results in Table)

The screenshot shows the Apache JMeter interface with the 'View Results Tree.jmx' file open. The left sidebar shows a tree structure with 'Test Plan', 'Thread Group', 'User Defined Variables', 'HTTP Request', 'HTTPS Request', 'View Results Tree', and 'View Results in Table'. The 'View Results in Table' node is selected. The main panel displays a table titled 'View Results in Table' with the following data:

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	21:57:42.448	Thread Group 1-1	HTTP Request	253	✓	13501	258	104	49
2	21:57:42.702	Thread Group 1-1	HTTPS Request	58	✓	65010	146	49	0
3	21:57:43.442	Thread Group 1-2	HTTP Request	255	✓	13501	258	87	29
4	21:57:43.698	Thread Group 1-2	HTTPS Request	71	✓	65010	146	57	0

At the bottom of the table, there are checkboxes for 'Scroll automatically?' and 'Child samples?', and summary statistics: No of Samples 4, Latest Sample 71, Average 159, and Deviation 94.

7. Screenshot of 3rd listener (Summary Report)

The screenshot shows the Apache JMeter interface with the 'View Results Tree.jmx' file open. The left sidebar shows a tree structure with 'Test Plan', 'Thread Group', 'User Defined Variables', 'HTTP Request', 'HTTPS Request', 'View Results Tree', 'View Results in Table', and 'Summary Report'. The 'Summary Report' node is selected. The main panel displays a table titled 'Summary Report' with the following data:

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
HTTP Request	2	235	0	258	23.00	0.00%	1.6/sec	21.69	0.41	13501.0
HTTPS Request	2	63	0	77	14.00	0.00%	2.0/sec	126.22	0.28	65010.0
TOTAL	4	149	0	258	88.08	0.00%	3.2/sec	121.22	0.62	39255.5

At the bottom of the table, there are checkboxes for 'Include group name in label?' and 'Save Table Data' (checked), and a 'Save Table Header' button.

8. Screenshot for user defined variable

The screenshot shows the Apache JMeter interface with the title "View Results Tree.jmx (C:\Users\varus\Downloads\View Results Tree.jmx) - Apache JMeter (5.6.2)". The left sidebar shows a "Test Plan" tree with "User Defined Variables" selected. The main panel displays the "User Defined Variables" editor. The "Name:" field is set to "User Defined Variables". A table titled "User Defined Variables" lists one entry: SERVER_NAME with a value of jmeter.apache.org. The bottom of the editor has buttons for "Detail", "Add", "Add from Clipboard", "Delete", "Up", and "Down". The Windows taskbar at the bottom shows various pinned icons and the date/time as 10:00 PM on 2023-11-01.

Name:	Value	Description
SERVER_NAME	jmeter.apache.org	