Practical 7
Software Testing and Quality Assurance
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AIM : To study and perform sample tests using Apache JMeter Testing Tool
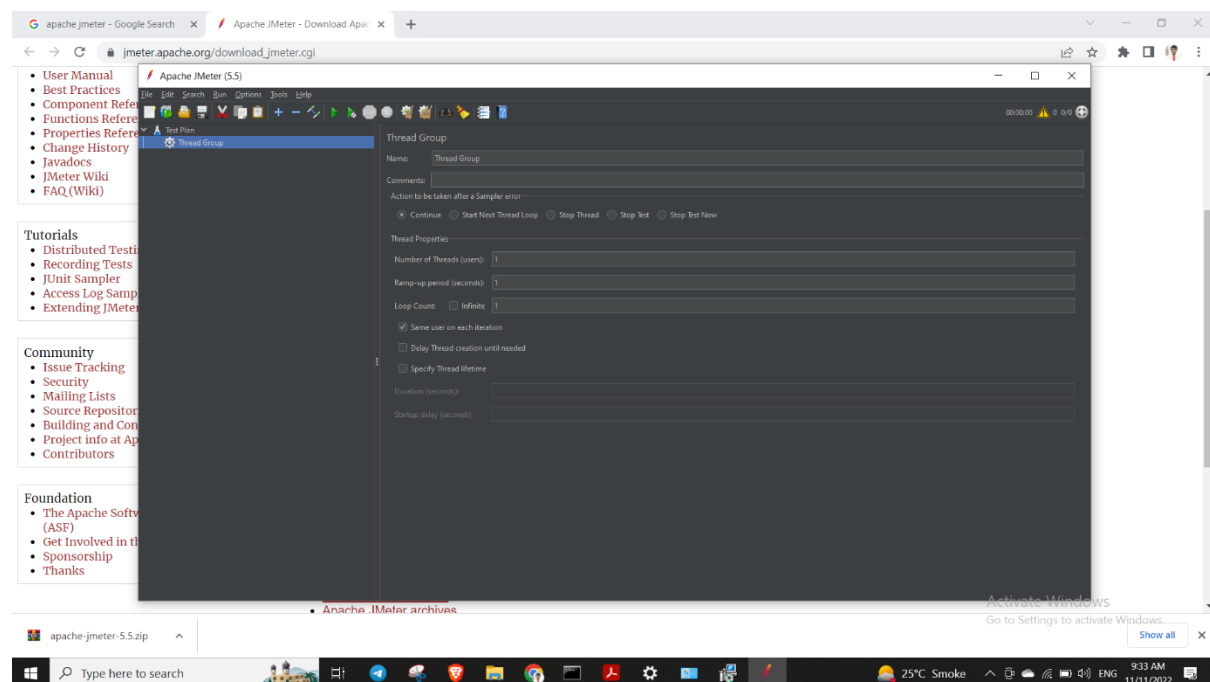
Introduction:

Performance Testing is crucial to determine that the web application under test will satisfy high load requirements. It can be used to analyze overall server performance under heavy load.

o   JMeter testing tool offers following benefit in Performance Testing:
o   JMeter can be used to test performance of both static resources such as JavaScript and HTML, as well as dynamic resources, such as JSP, Servlets, and AJAX.
o   JMeter can discover maximum number of concurrent users that your website can handle
o   JMeter provides a variety of graphical analyses of performance reports.
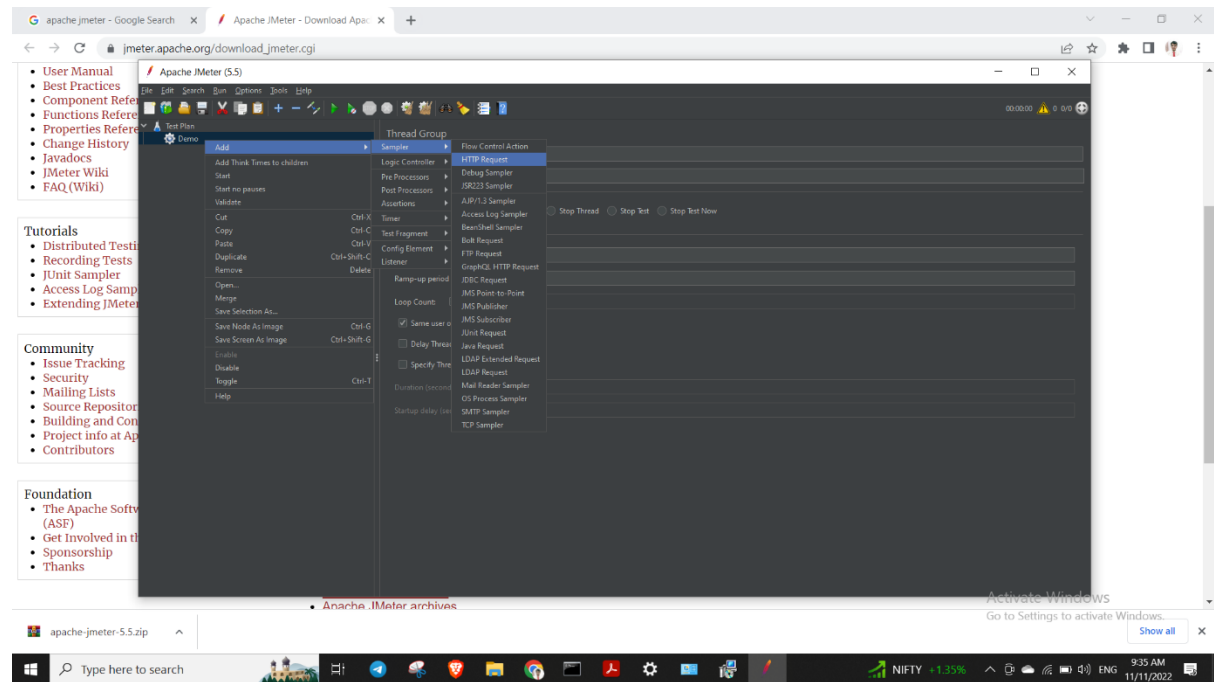
Create a Performance Test Plan in Jmeter:
Step 1)

Add Thread Group:
1. Start JMeter.
2. Select Test Plan on the tree.
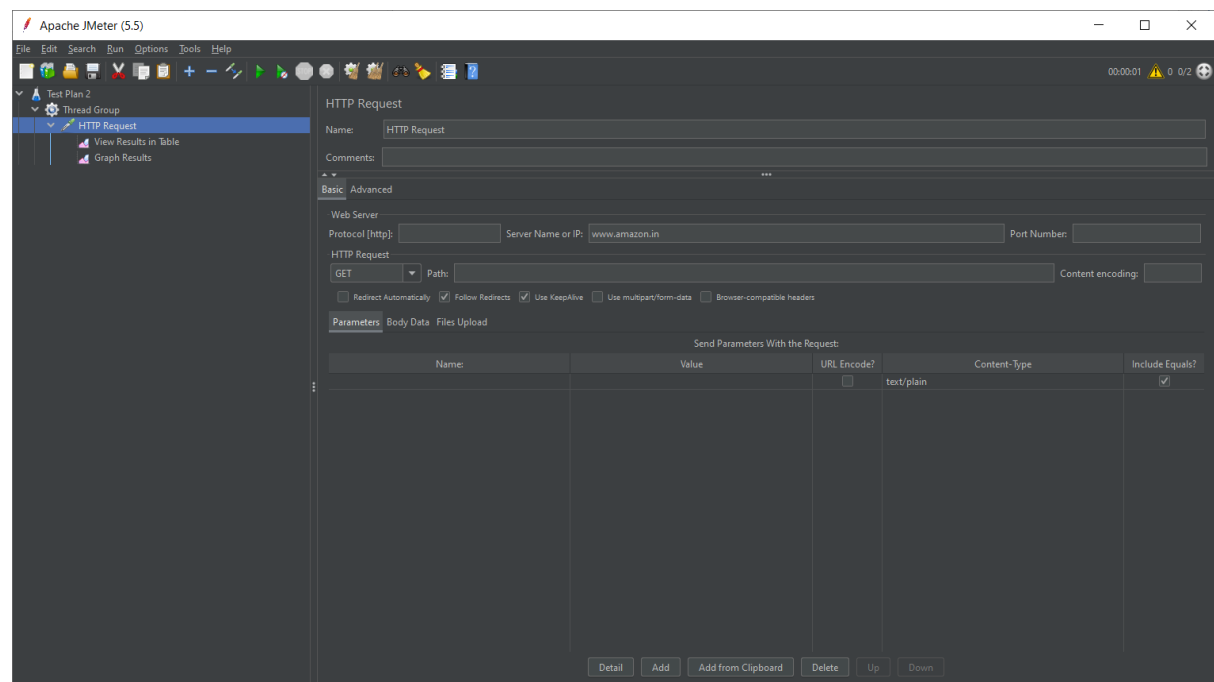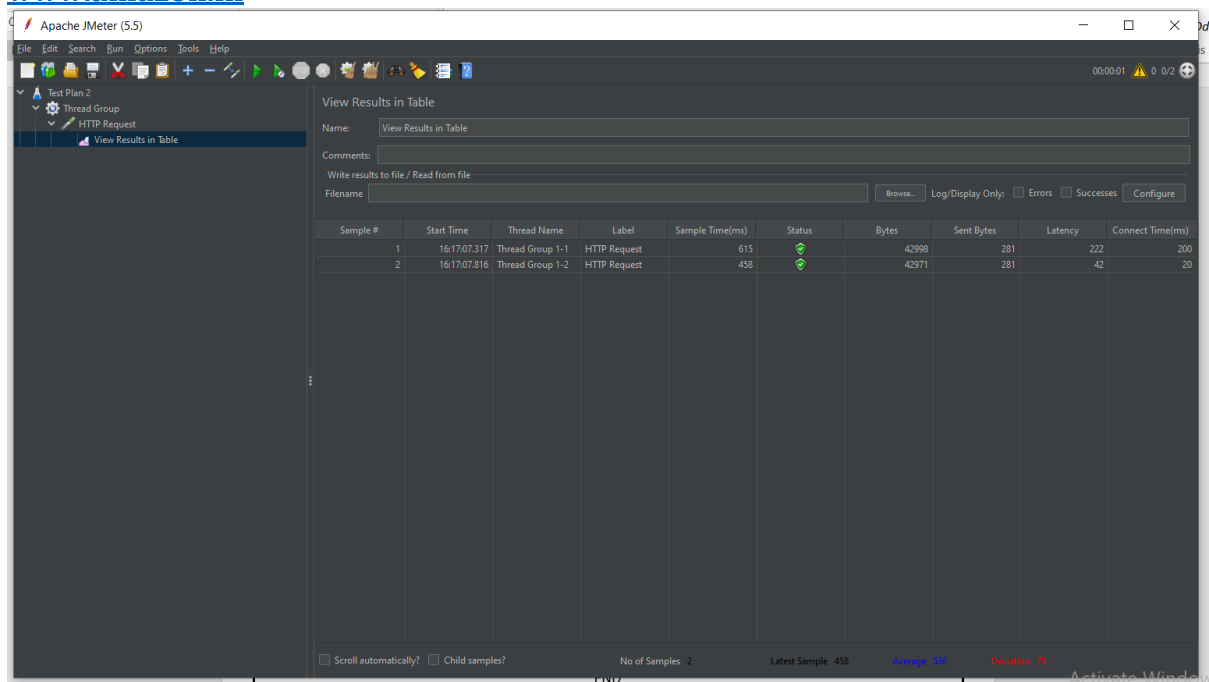**3. Add Thread Group.**

HTTP Request
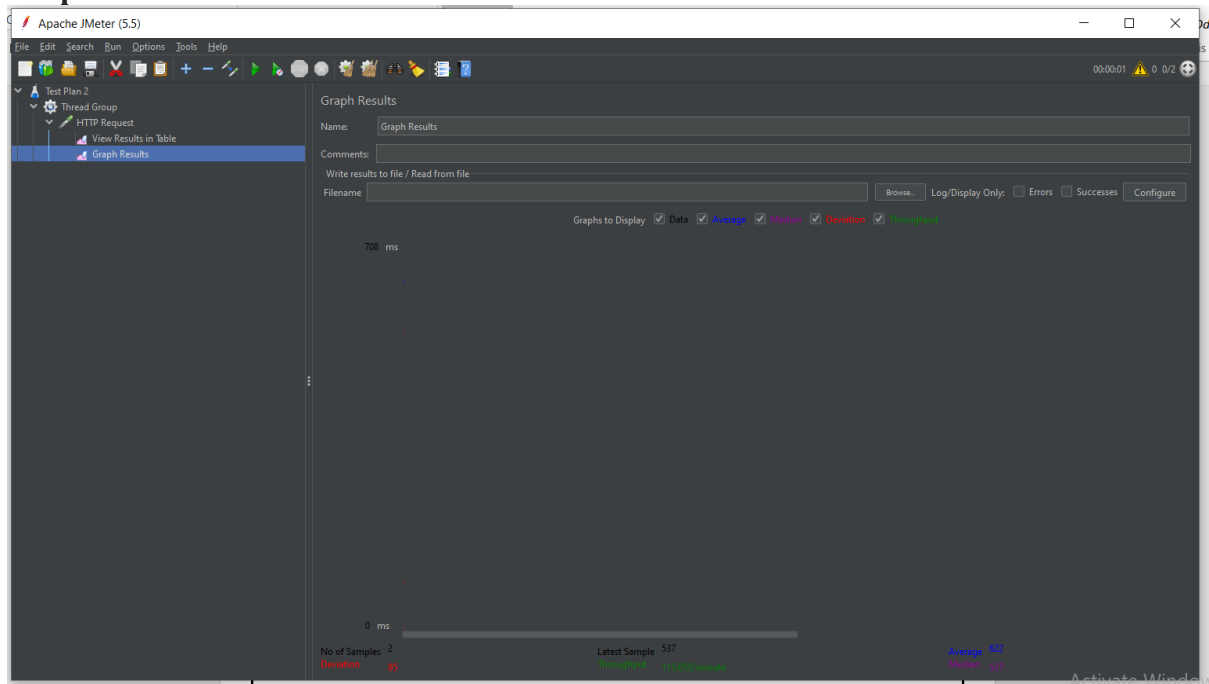## Right-click on Thread Group and select: Add -> Sampler -> HTTP Request.

Creating Http Request:

In the below snippet, we can see two success samples for http request at www.amazon.in

Graph Results for the same :

END