**Practical 8**

**Software Testing and Quality Assurance**

2CSDE80

**Mistry Unnat**

20BCE515



Department of Computer Science and Engineering

Institute of Technology

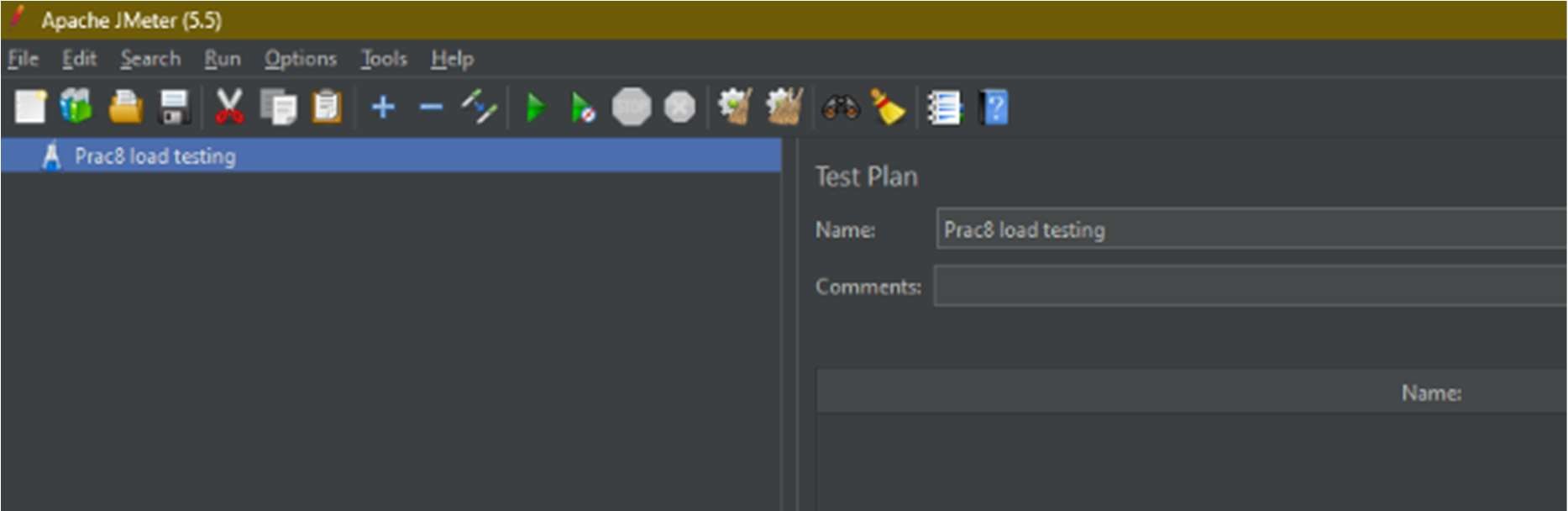
Nirma University

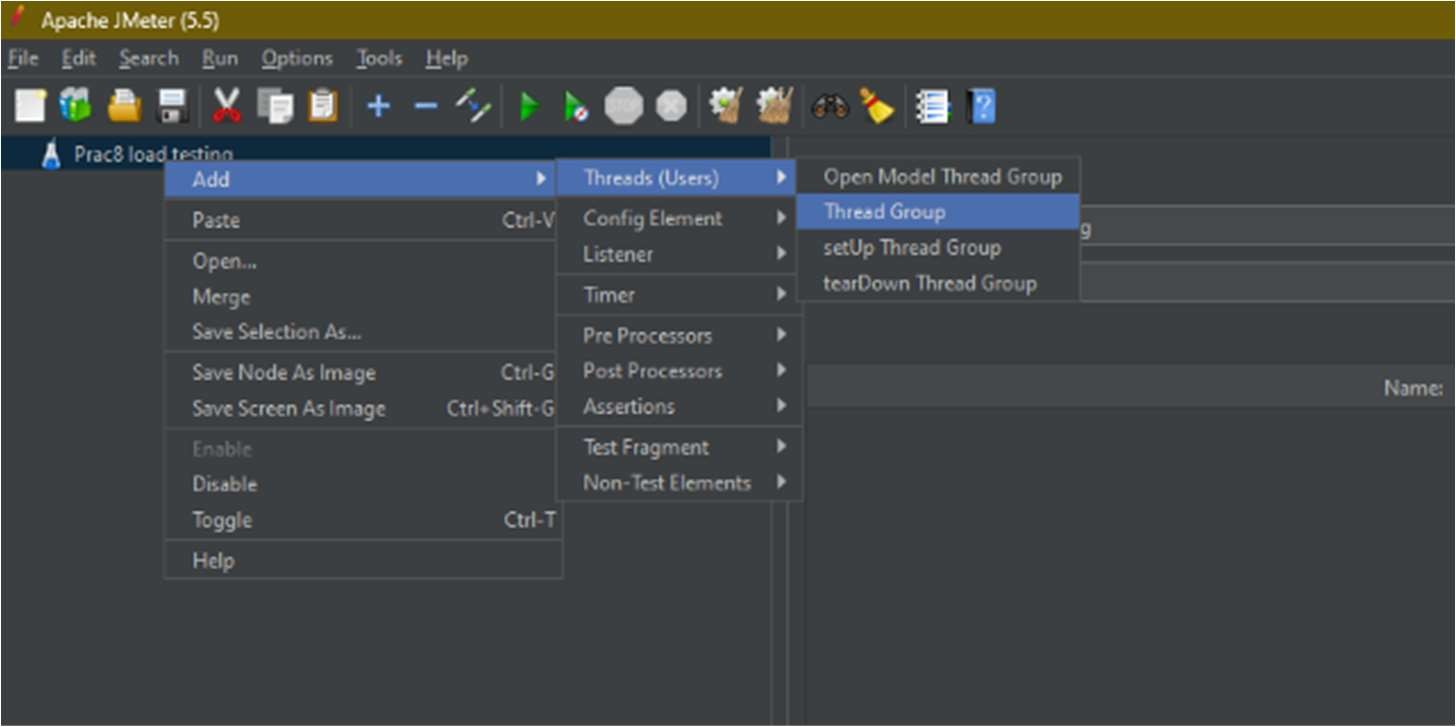
Ahmedabad

**AIM :** To implement load testing method.

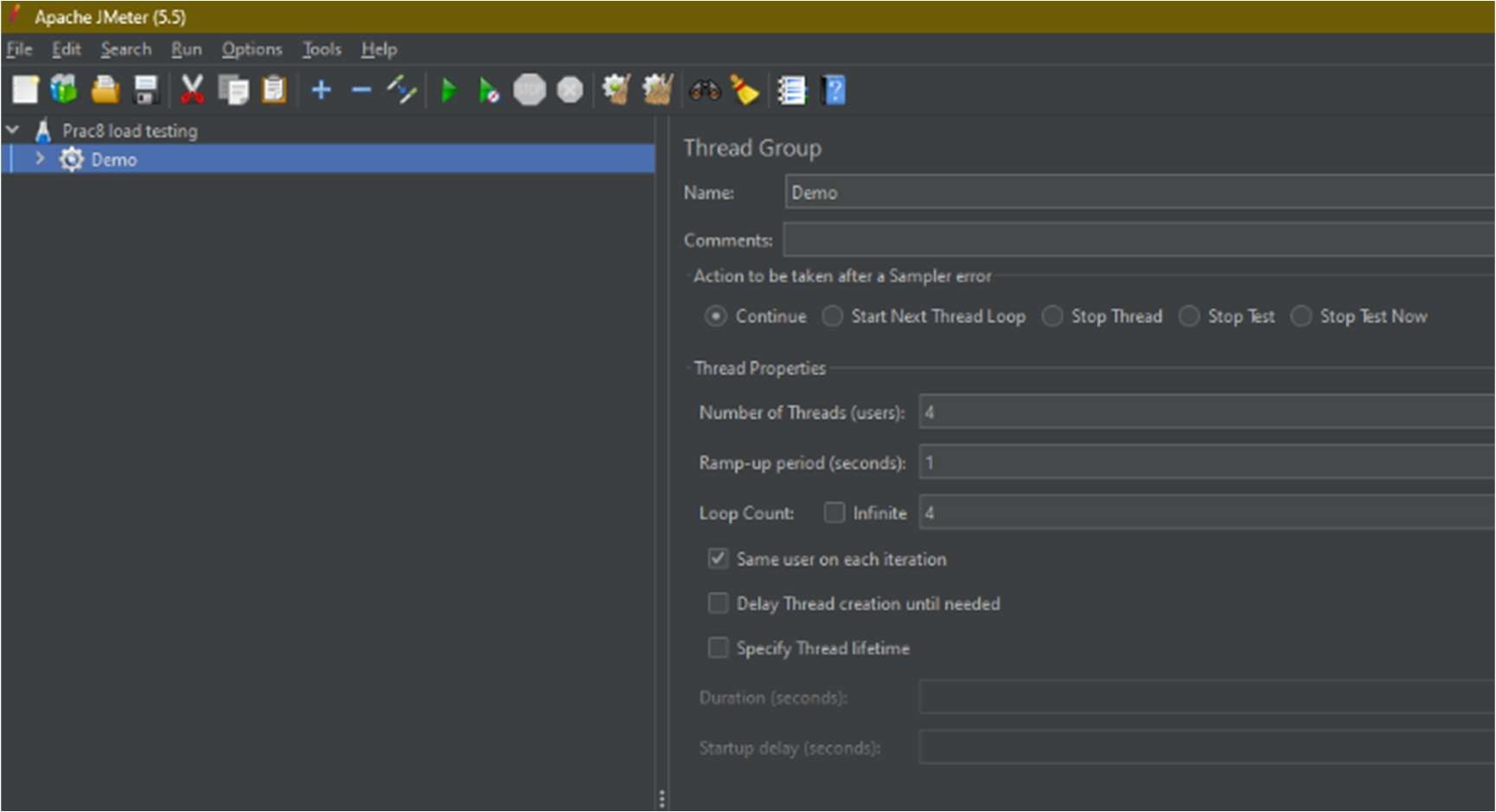
Step-1:

Right click on Test Plan and go to Add -> Threads -> Thread Group.

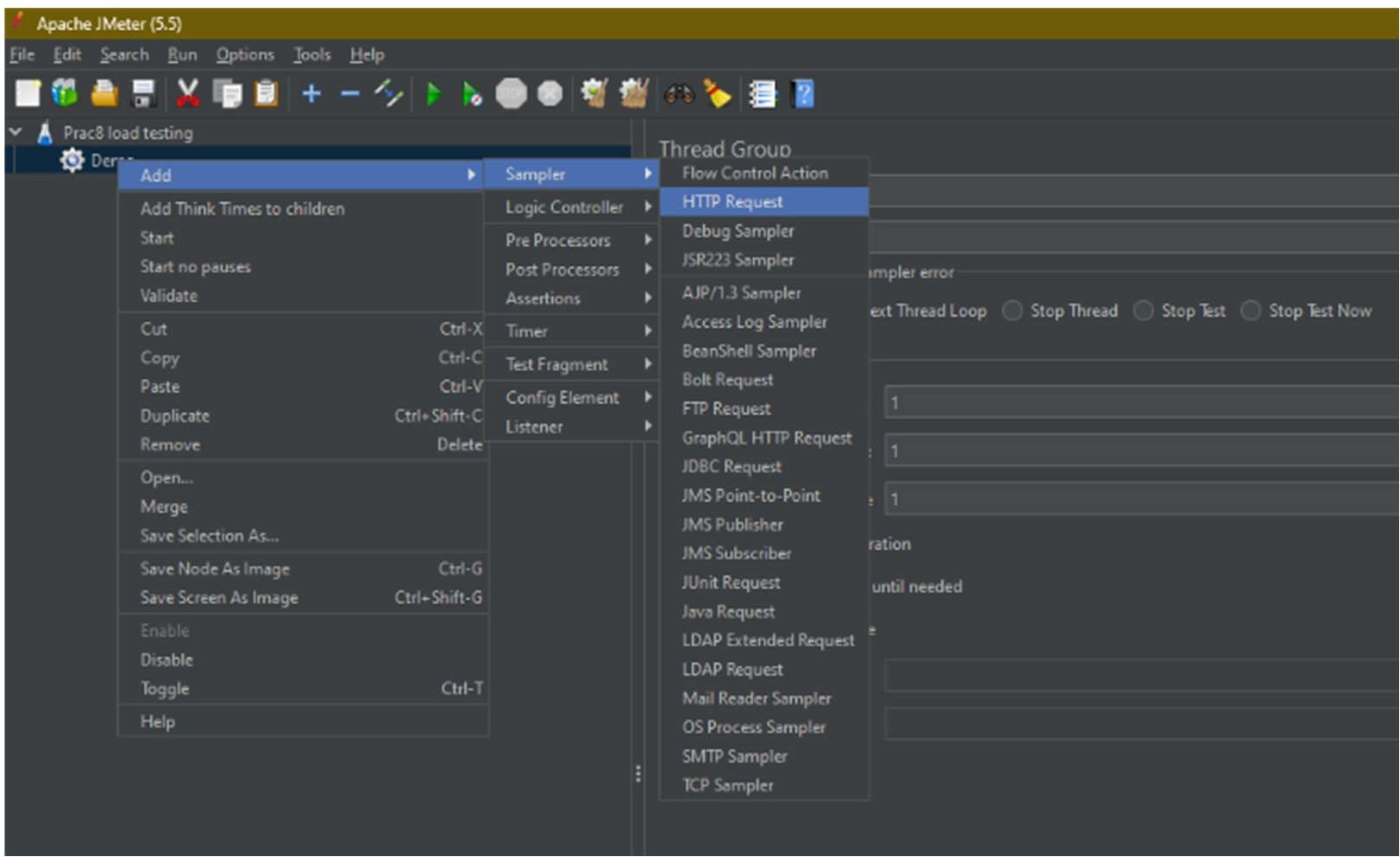
****

****

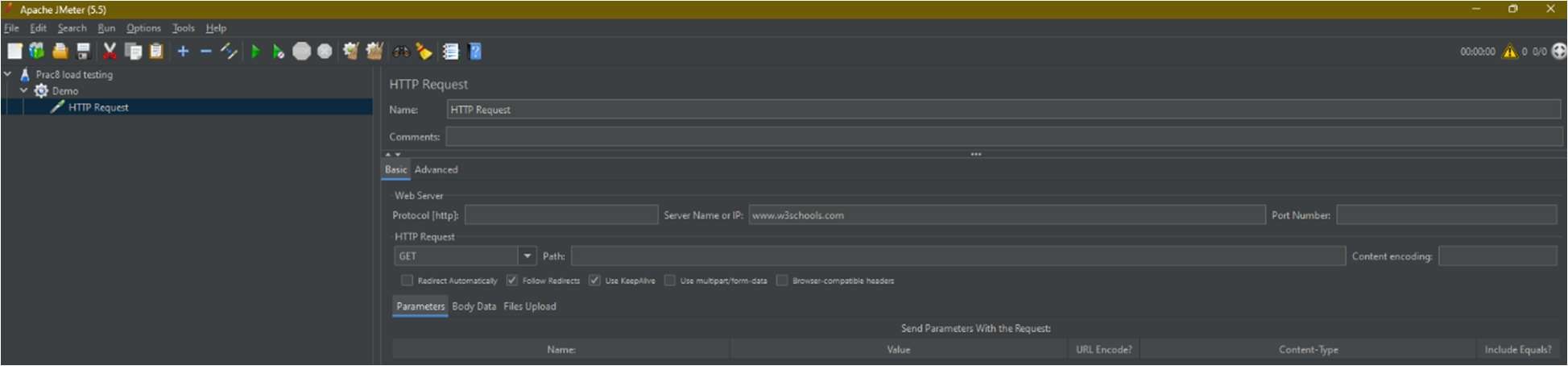
Step-2:

****Give the name of thread group and in Thread properties enter the number of users in the Number of Threads(Users) field.

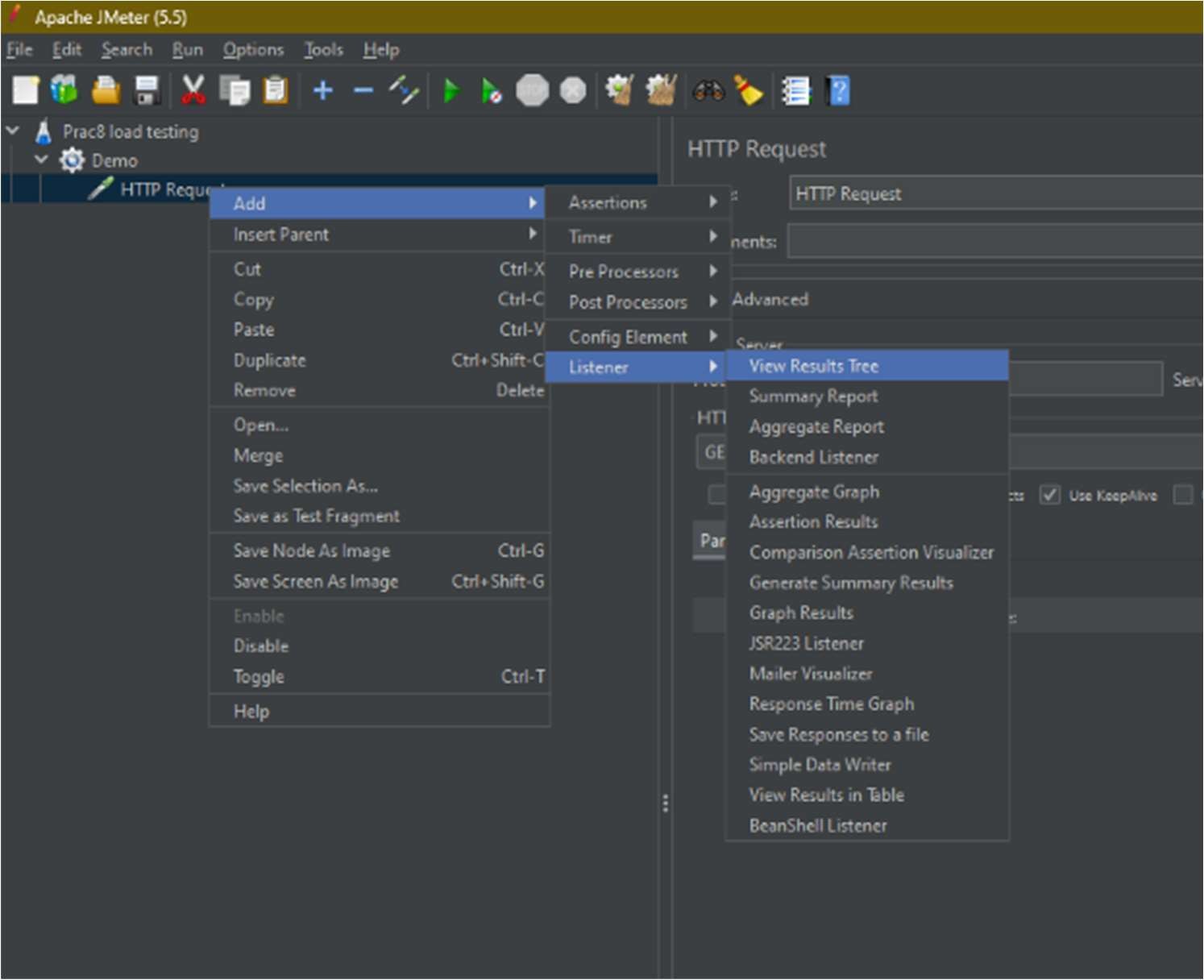
Step-3:

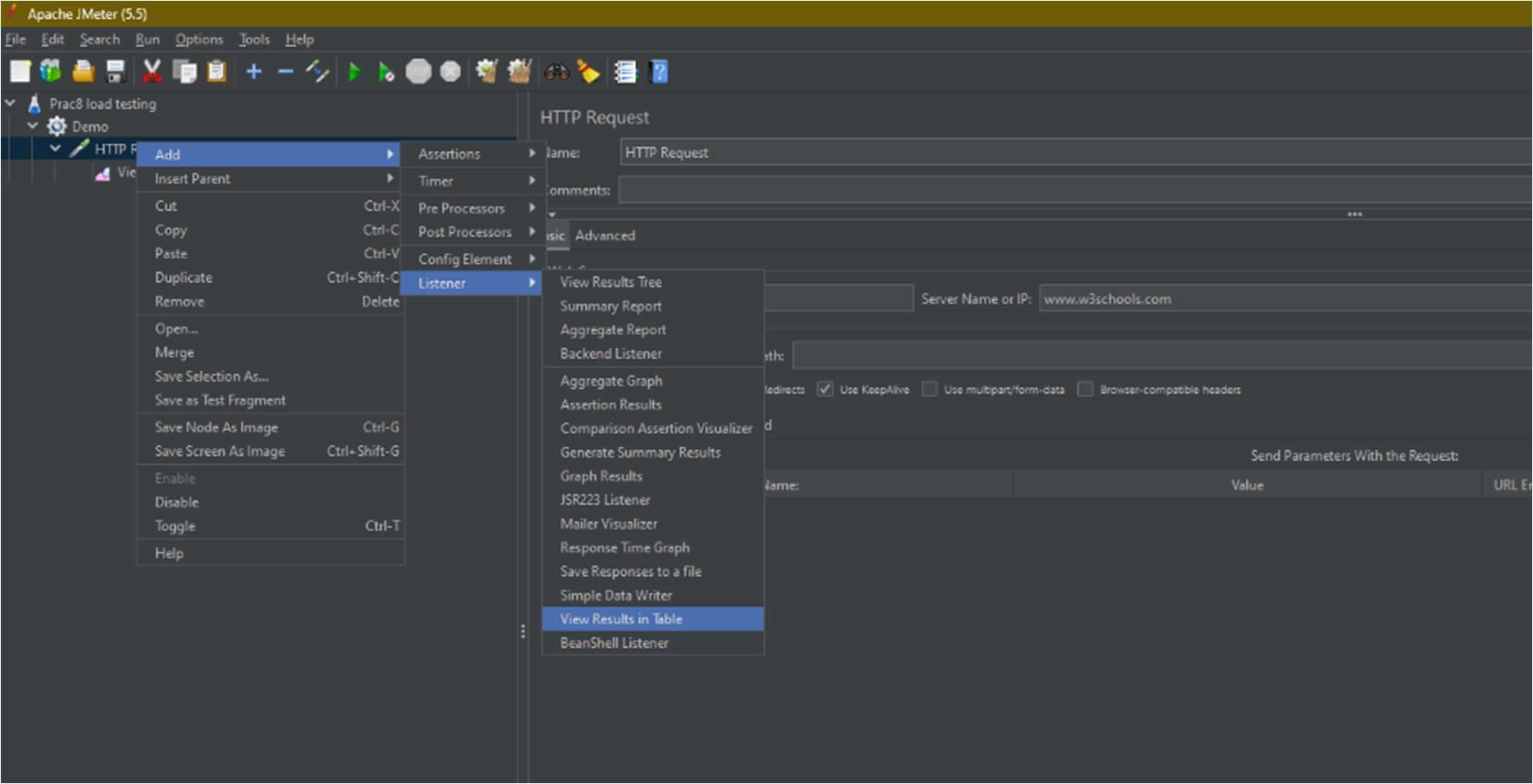
****Right click on the created Test Group and go to Add -> Sampler -> HTTP Request.

Step-4:

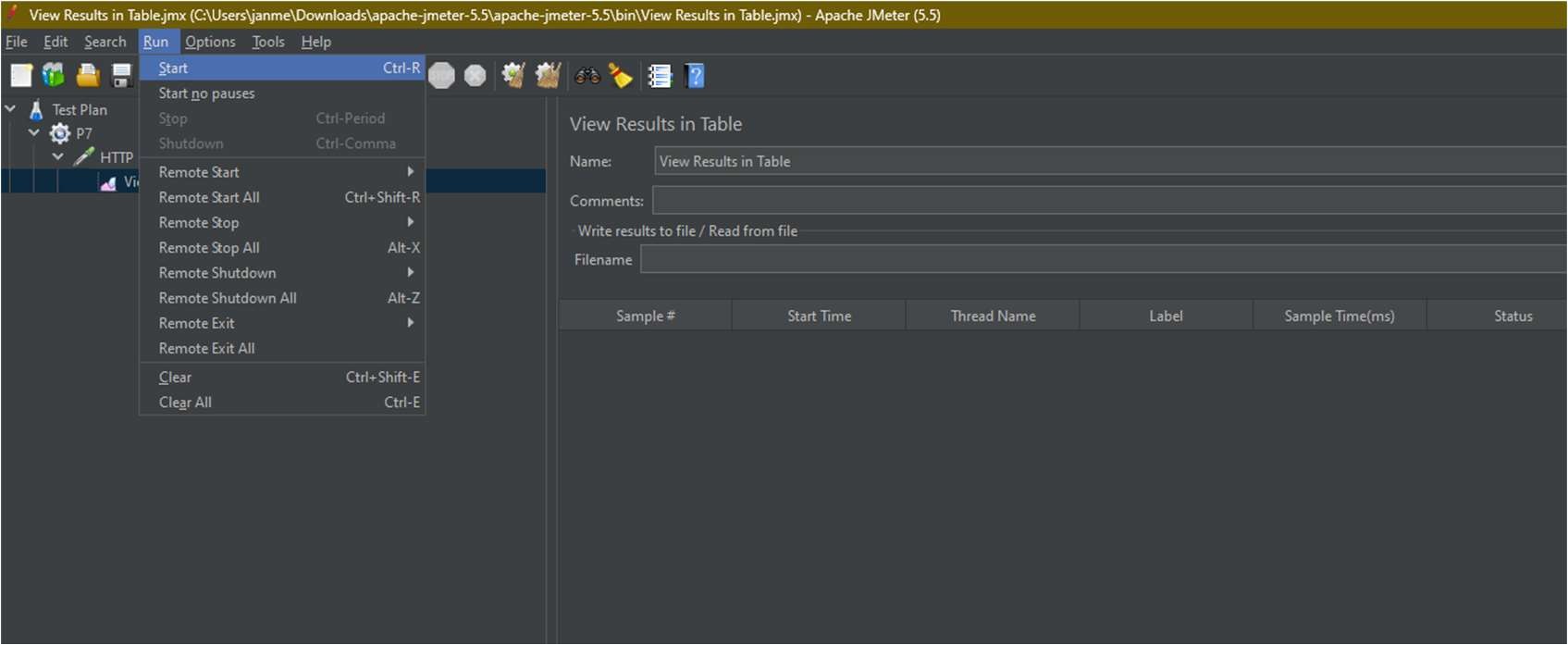
****Give the url of the website on the performance test is to be done in Server Name or IP and click on Add at the Bottom Pane.

Step-5:

****Right click on HTTP Request and go to Add->Listener->View Result Tree same way add View Results in Table.

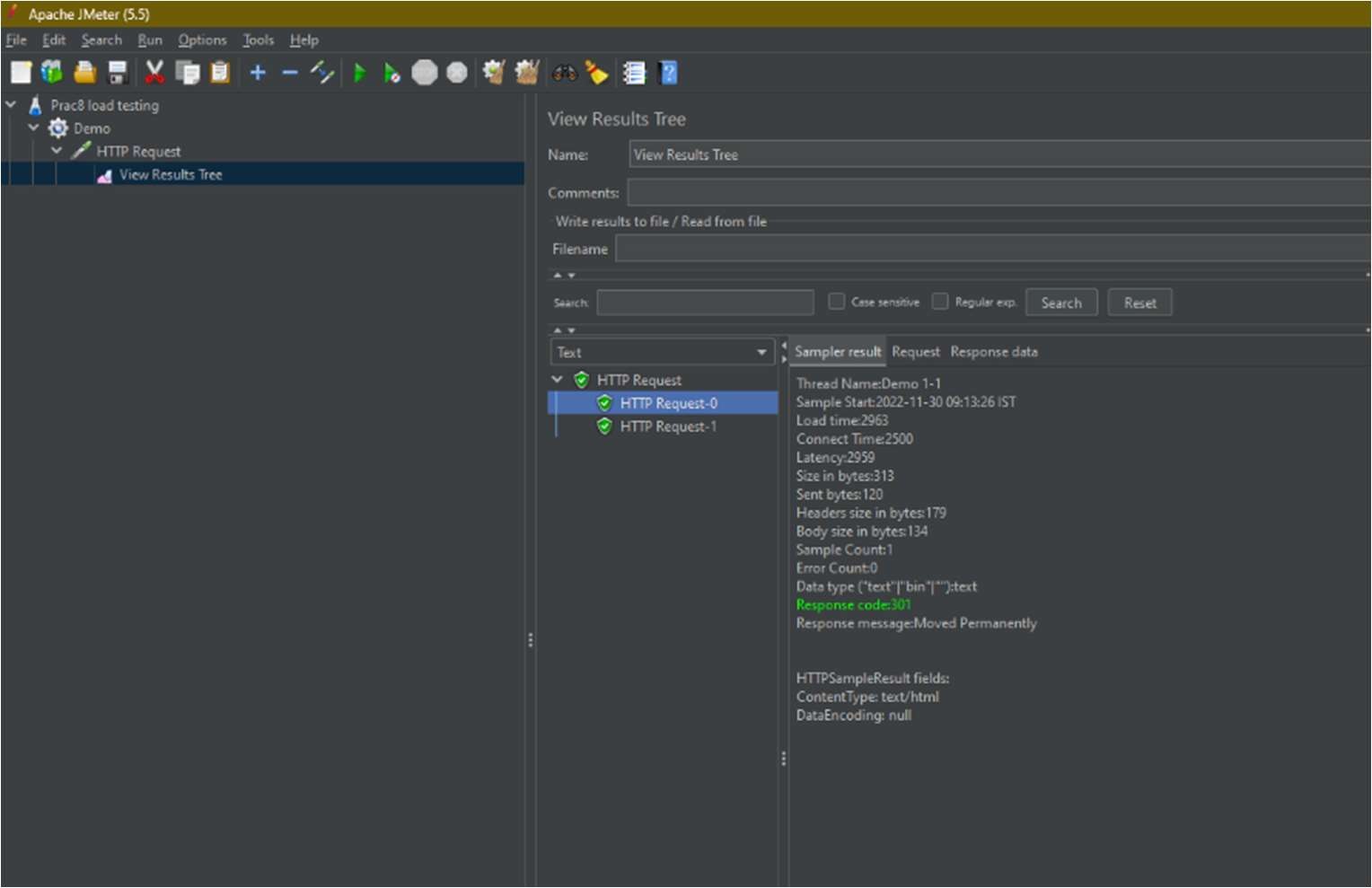


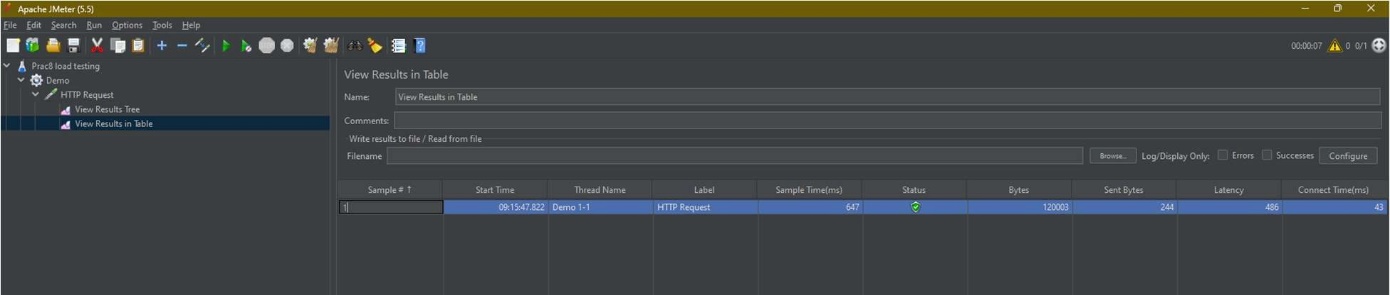
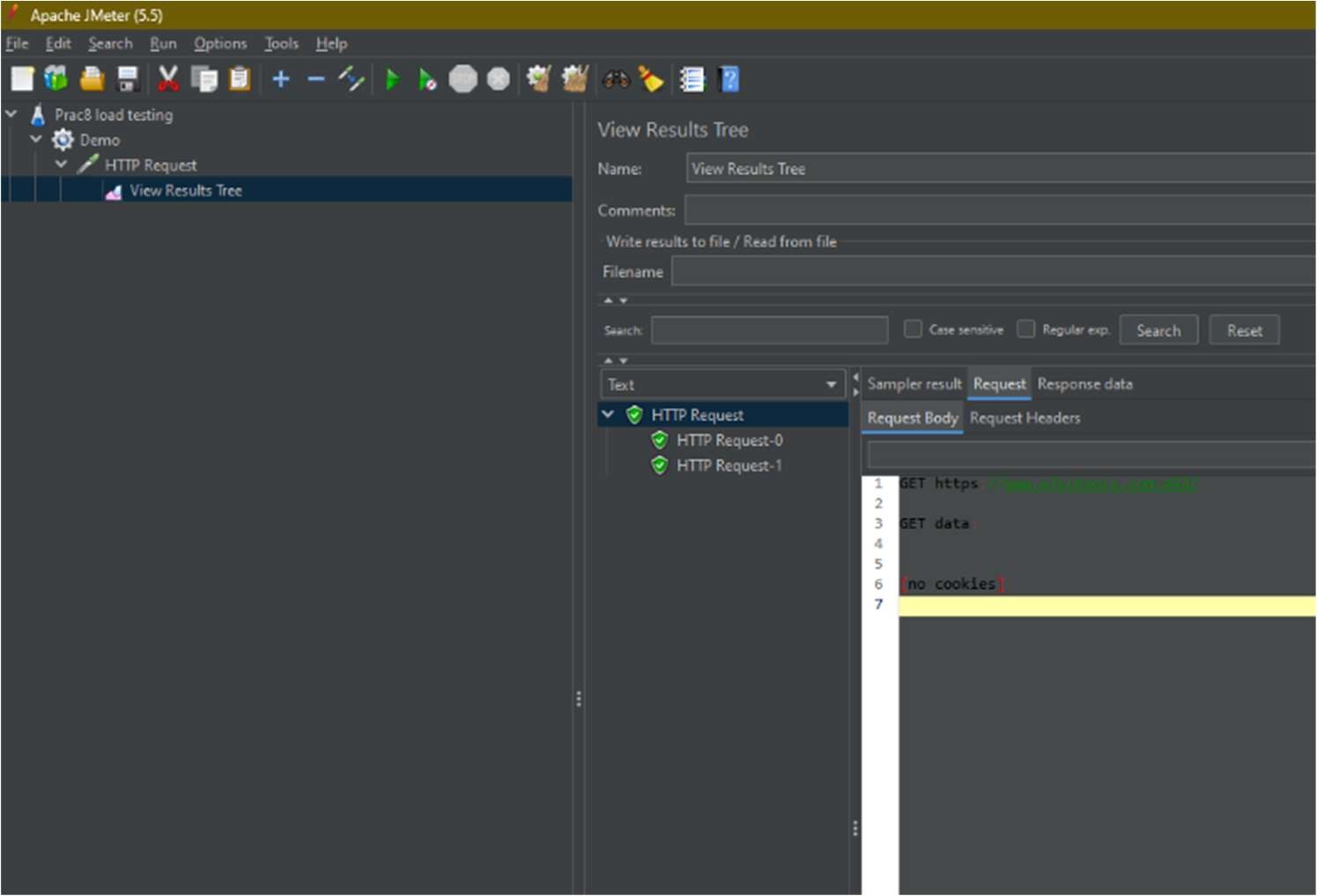
Step-6:

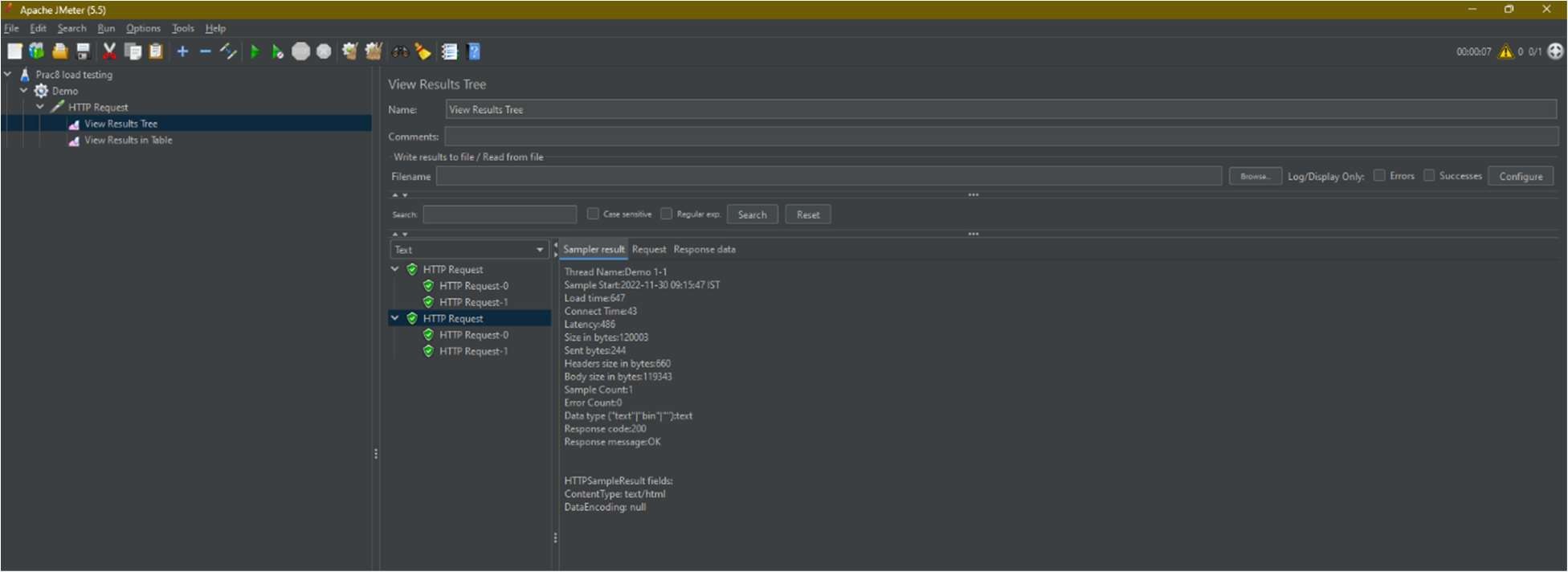
In the top pane click on Run and click on Start.

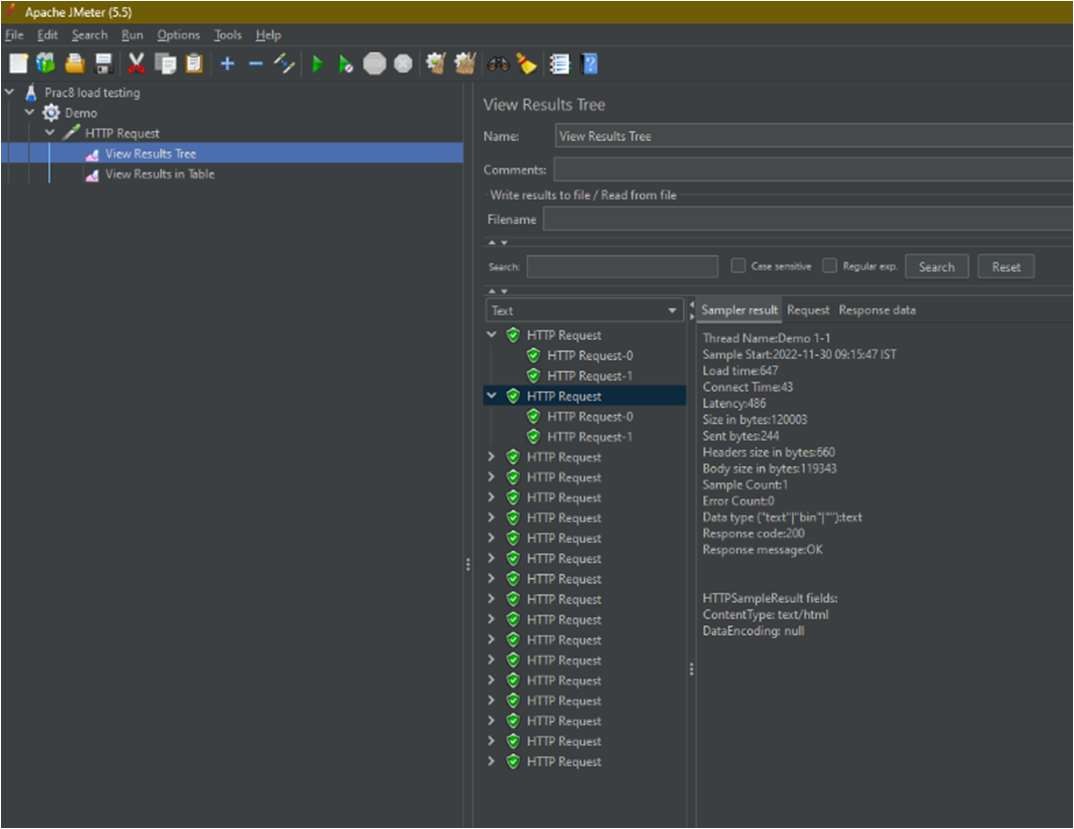
Step-7:

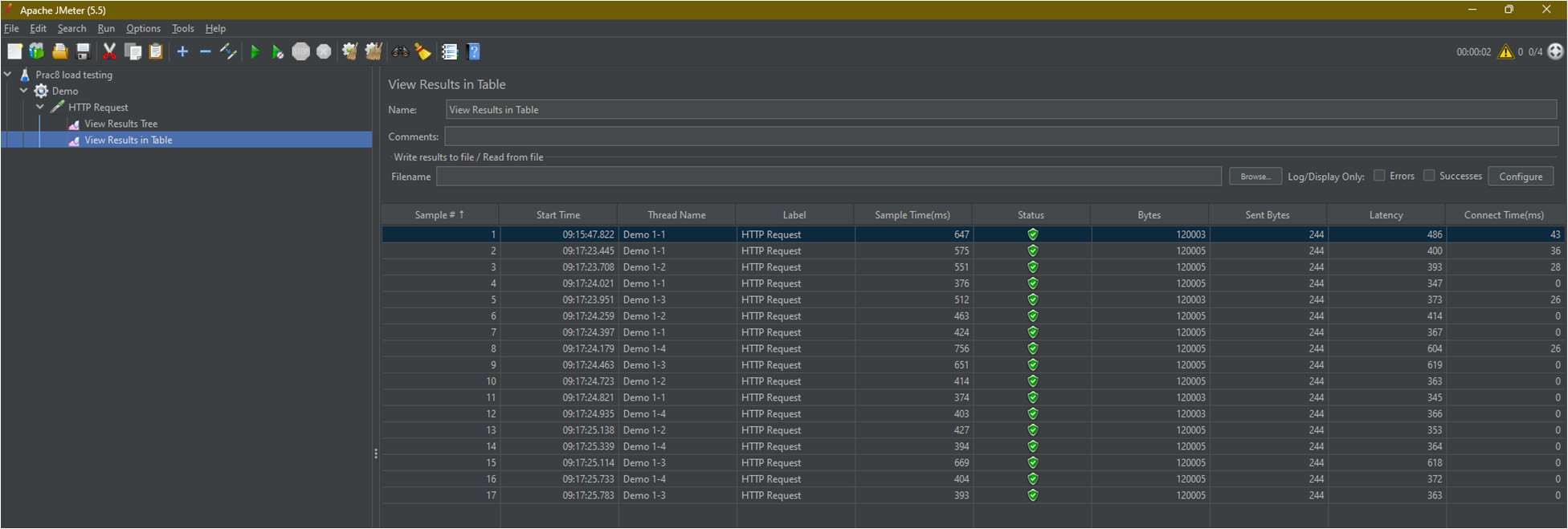
You can see all the test cases recorded and their status.



****

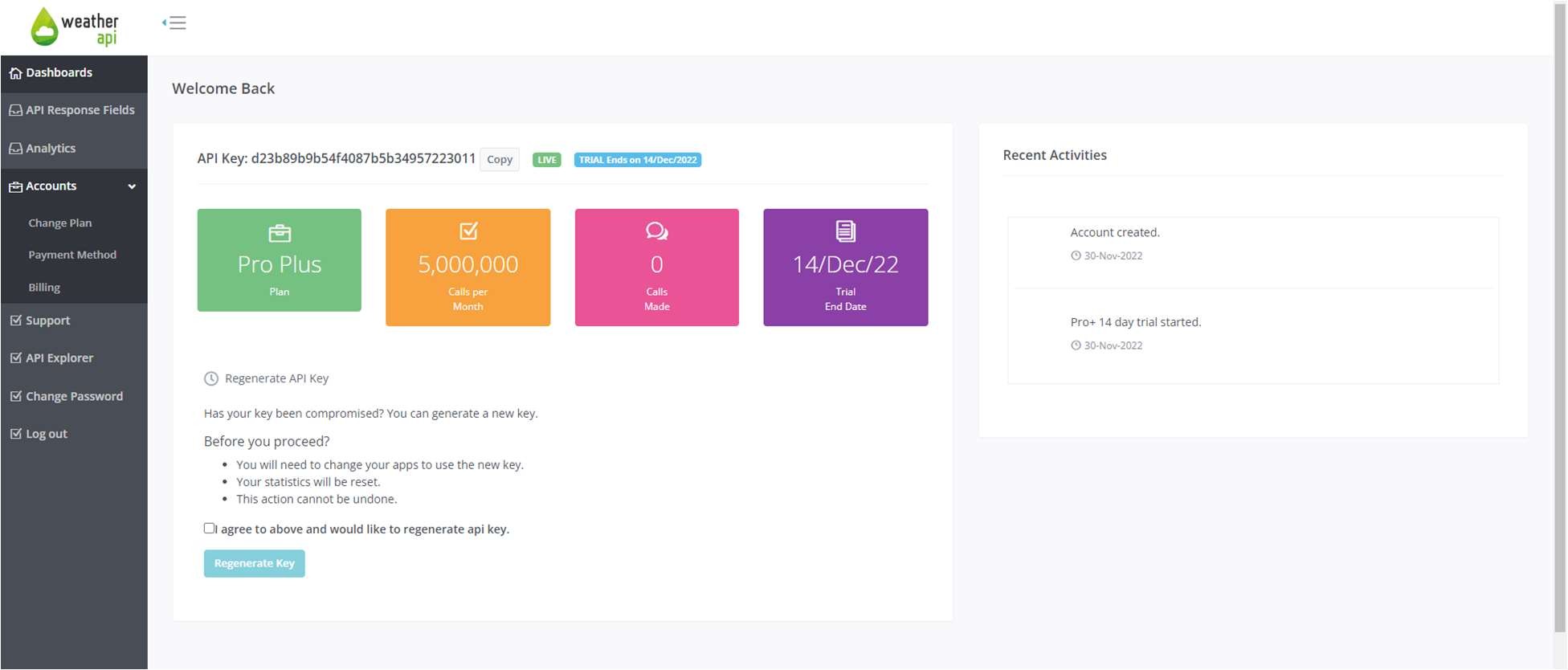
****

****



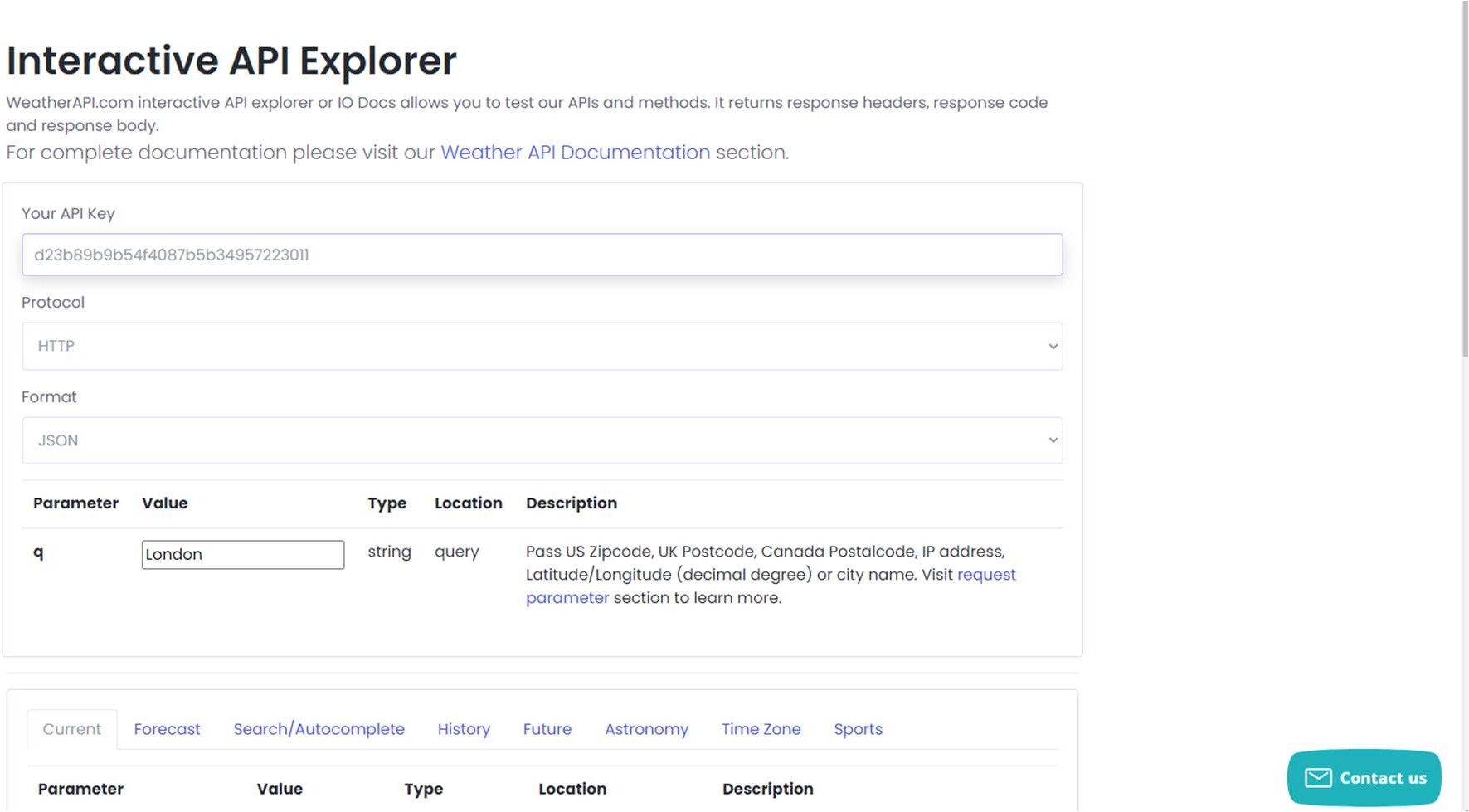
**Load Testing on WeatherApi**

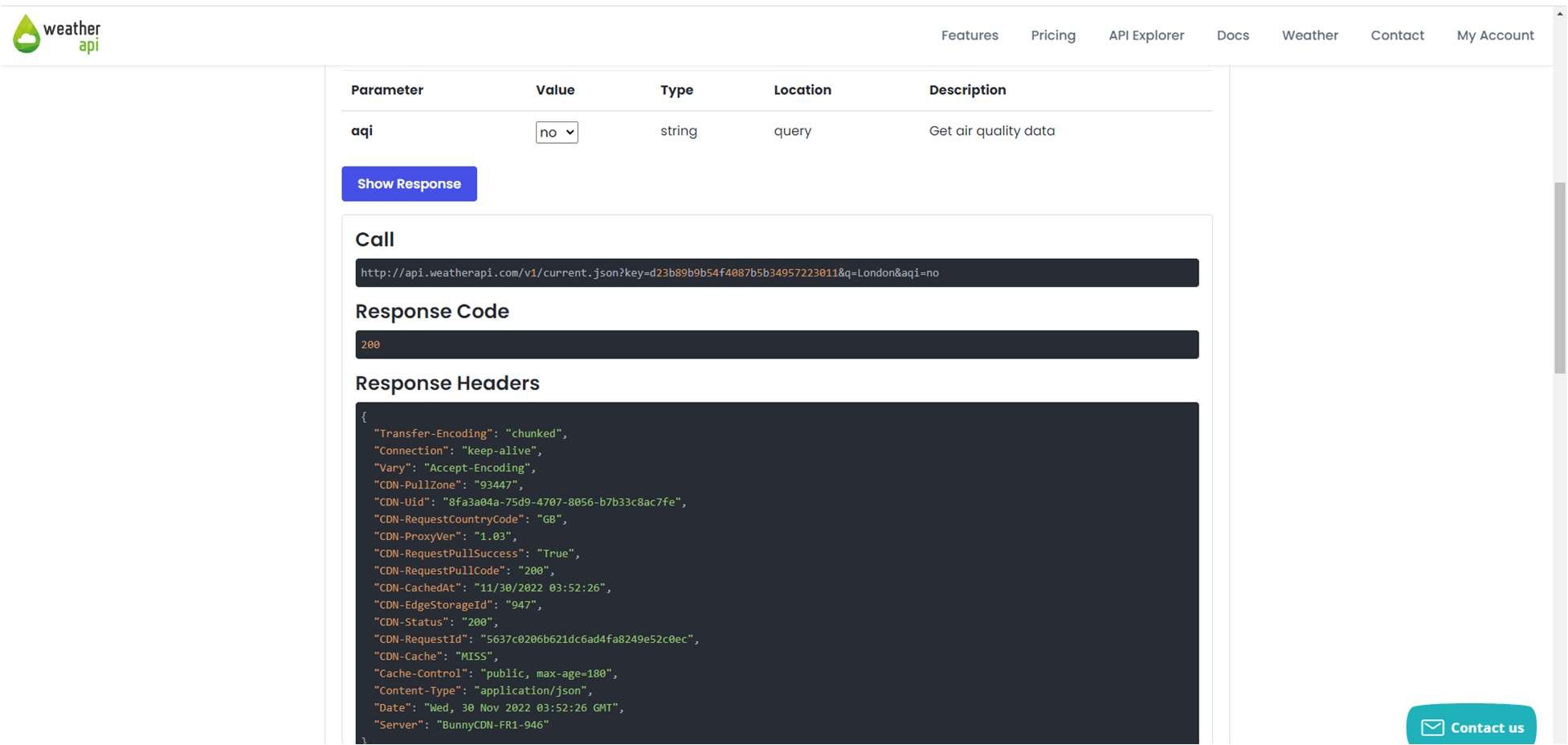
Step-1:

****Create an account in WeatherApi.com

Step-2:

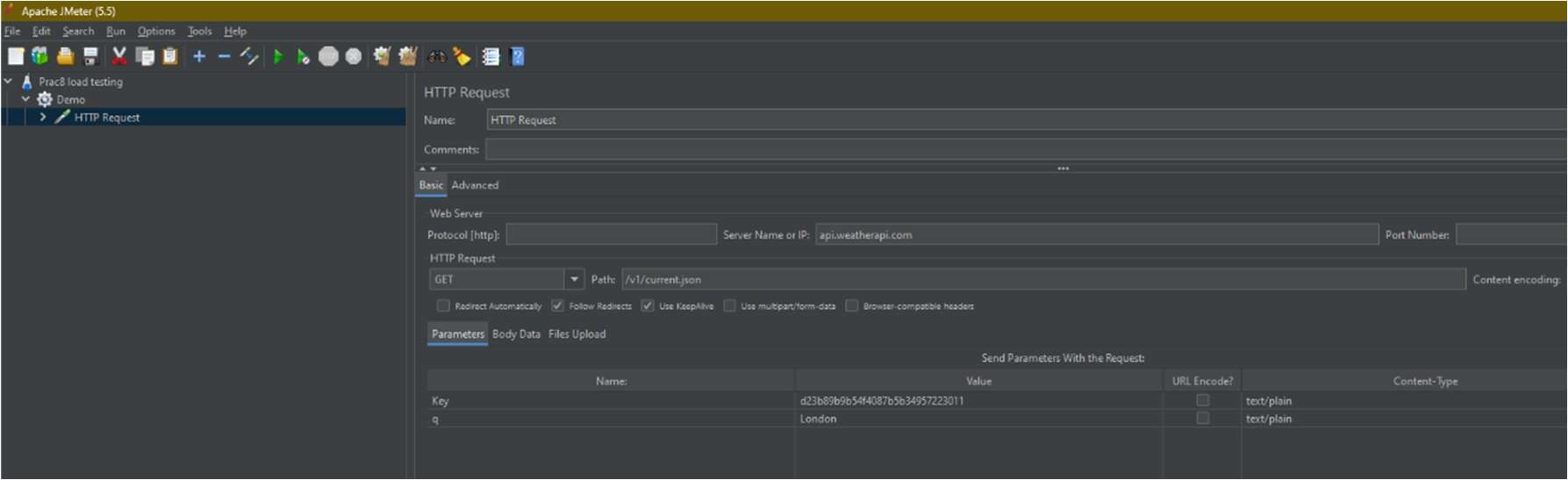
**Copy the API key and Go to API Explorer.**



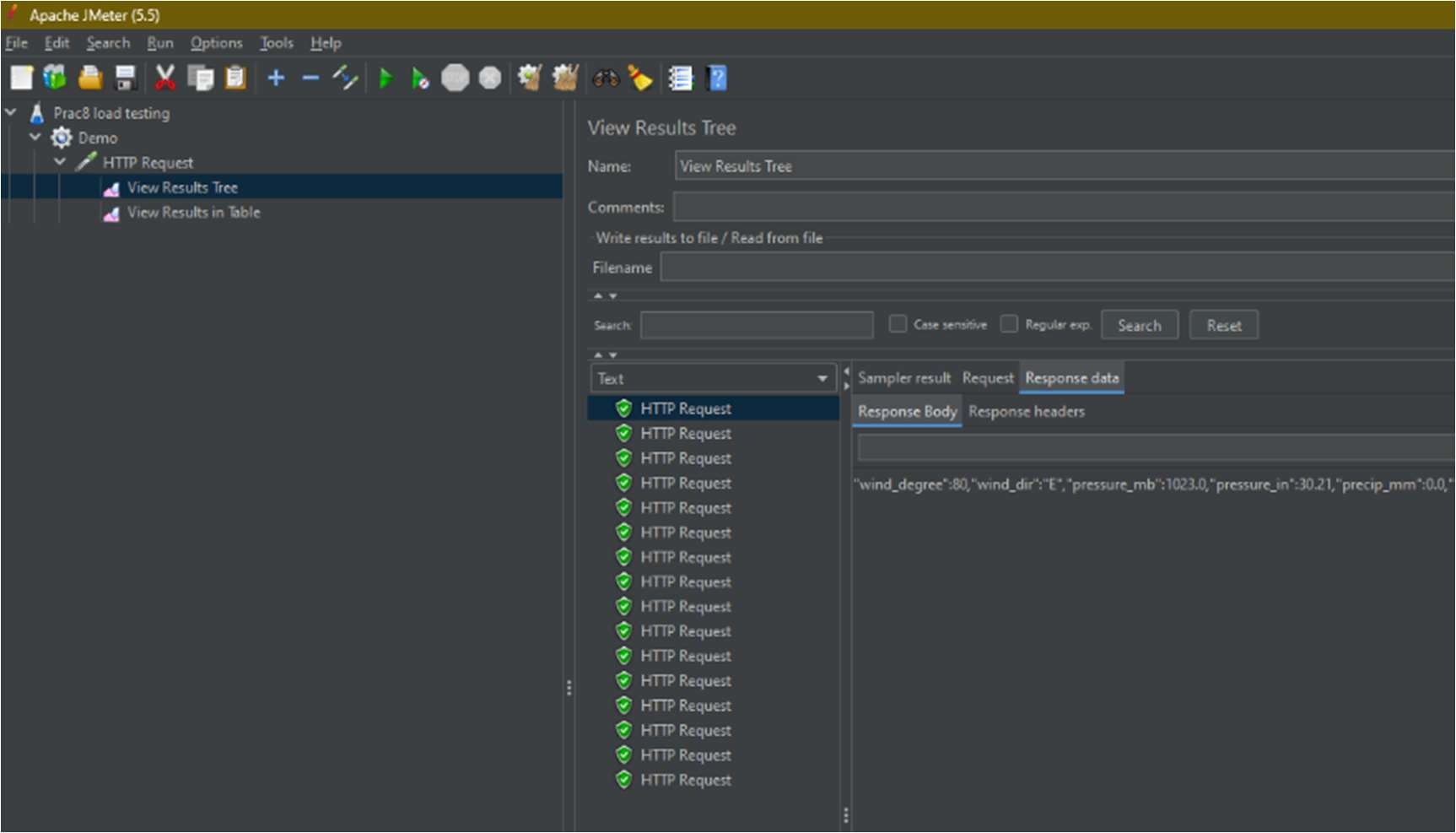
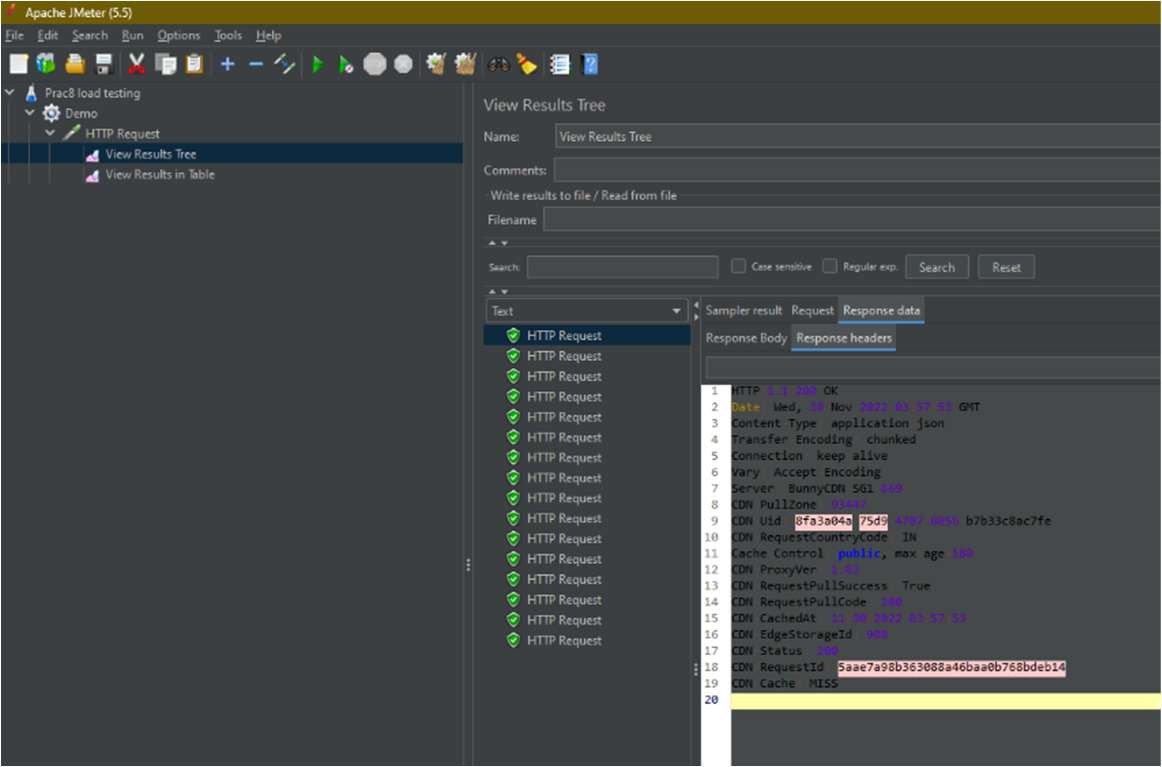
****Copy and paste your API key and click show response to check if the key is valid or not.

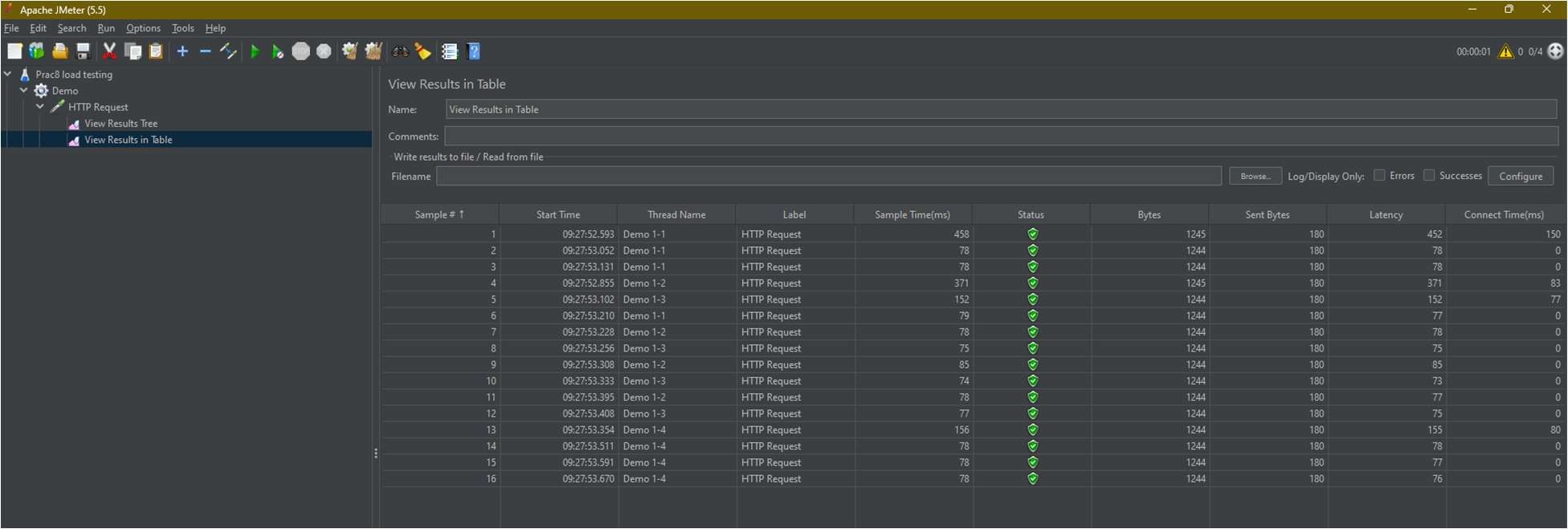
Step-3:

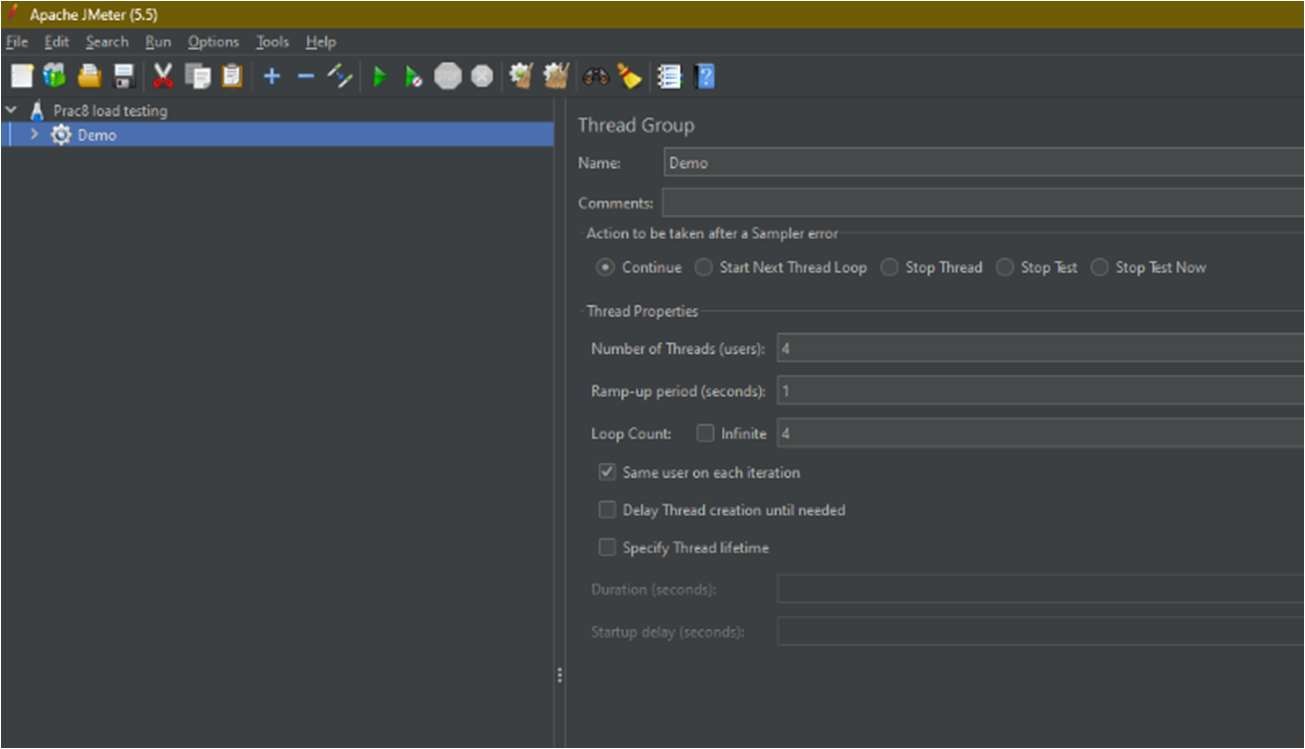
Configure the HTTP accordingly.

 request

Step-4:

****In the top pane click on Run and click on Start.



****

END