# Practical 8 Software Testing and Quality Assurance 2CSDE80

Mistry Unnat 20BCE515

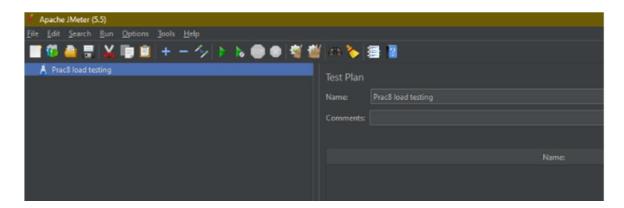


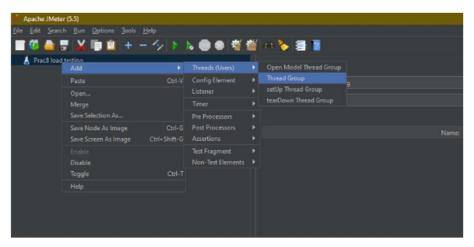
Department of Computer Science and Engineering
Institute of Technology
Nirma University
Ahmedabad

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

# Step-1:

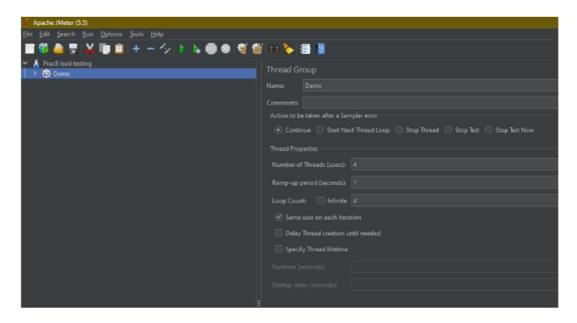
Right click on Test Plan and go to Add -> Threads -> Thread Group.





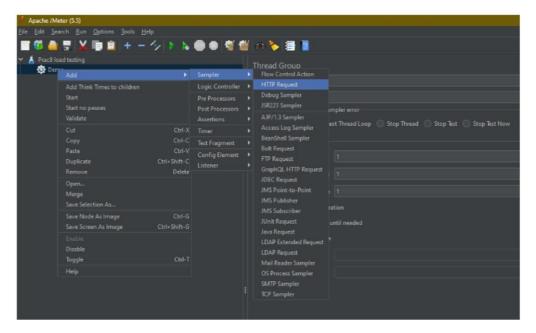
## Step-2:

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



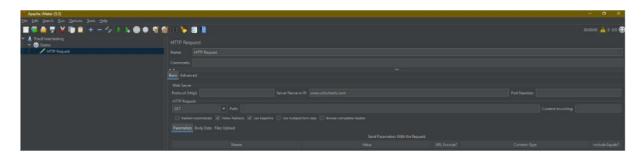
# Step-3:

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



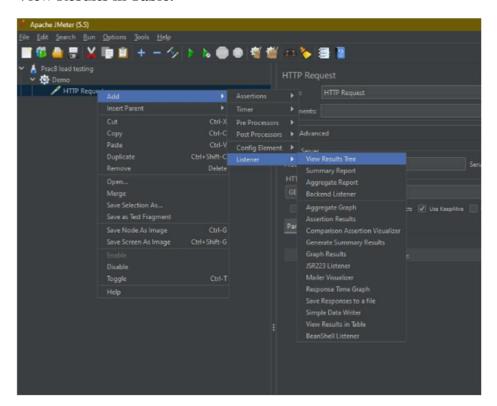
## Step-4:

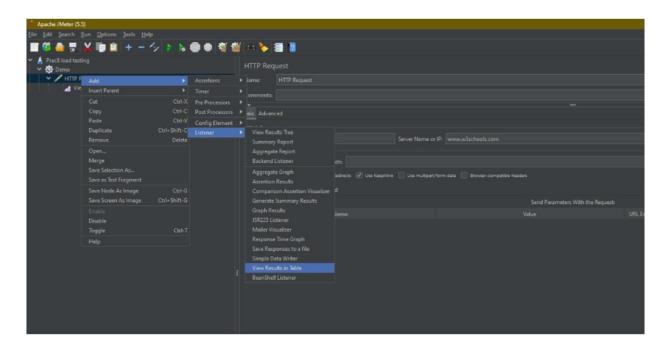
Give the url of the website on the performance test is to be done in Server Name orIP and click on Add at the Bottom Pane.



### Step-5:

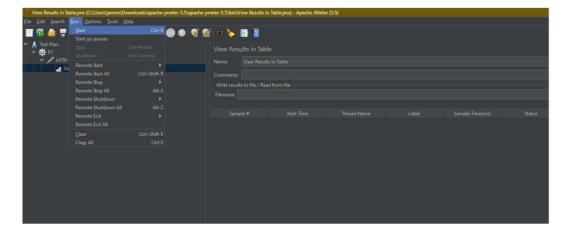
Right click on HTTP Request and go to Add->Listener->View Result Tree sameway add View Results in Table.





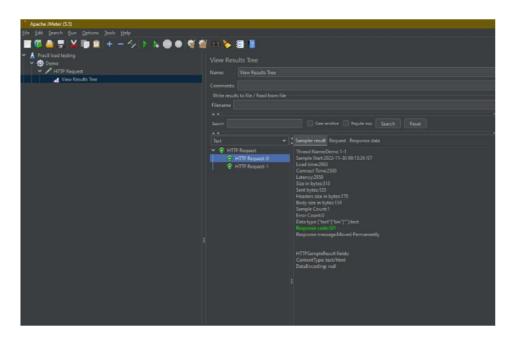
# Step-6:

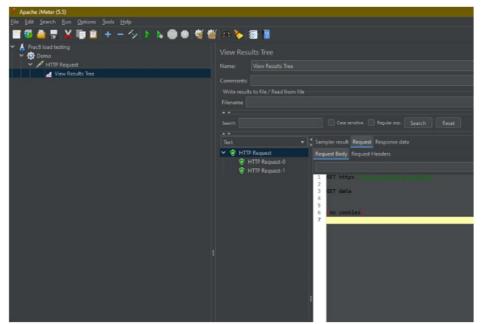
In the top pane click on Run and click on Start.



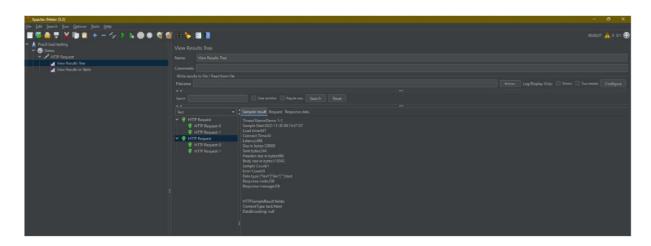
# Step-7:

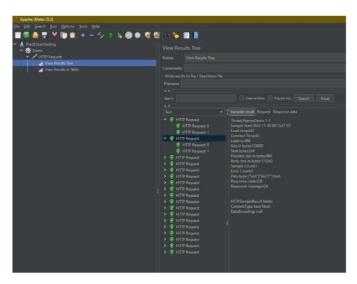
You can see all the test cases recorded and their status.

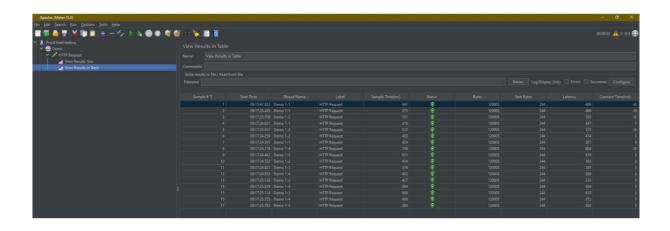






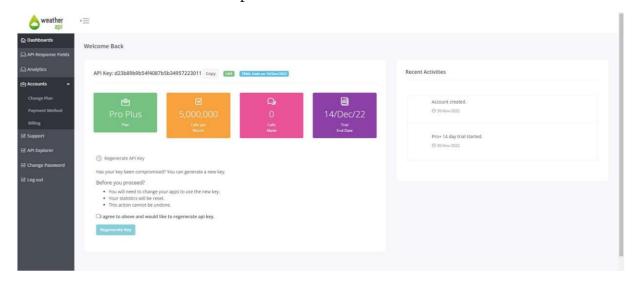




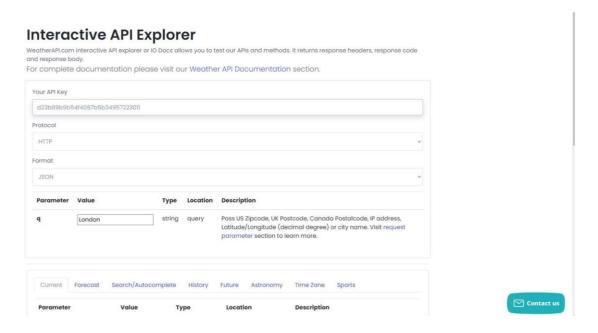


### Load Testing on WeatherApi

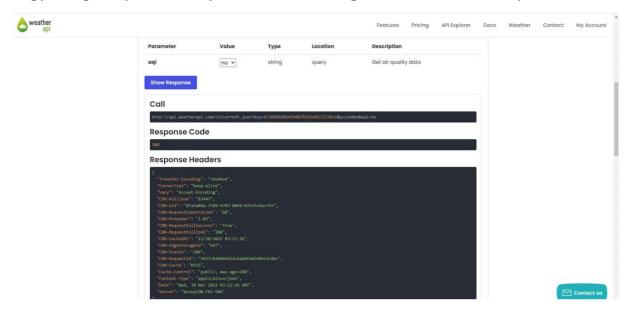
# Step-1: Create an account in WeatherApi.com



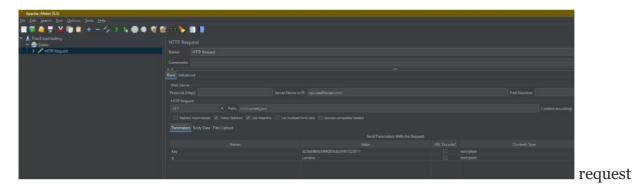
Step-2: **Copy the API key and Go to API Explorer.** 



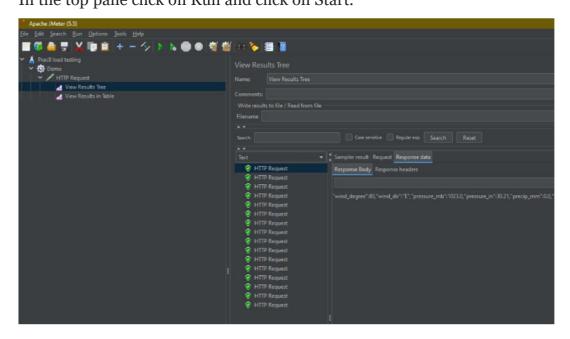
Copy and paste your API key and click show response to check if the key is valid or not.

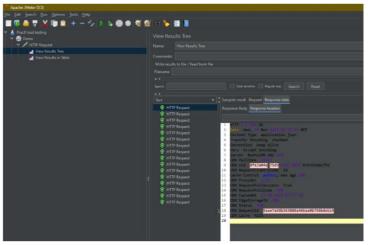


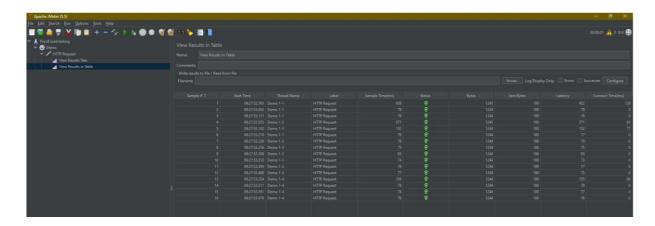
# Step-3: Configure the HTTP accordingly.

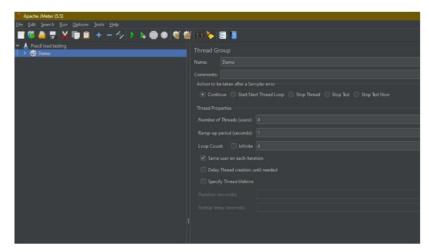


# Step-4: In the top pane click on Run and click on Start.









END