22 HTML Assertions

This section will guide you to understand:

* How to add HTML assertions

**Development Environment:**

* Apache JMeter 5.1.1 version

This guide has two subsections, namely:

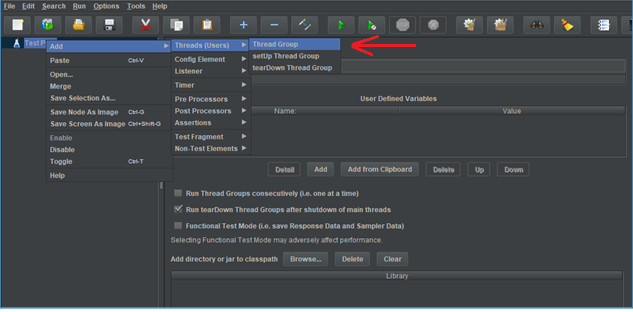
1.22.1 Adding HTML assertions in JMeter

1.22.2 Pushing the code to GitHub repositories

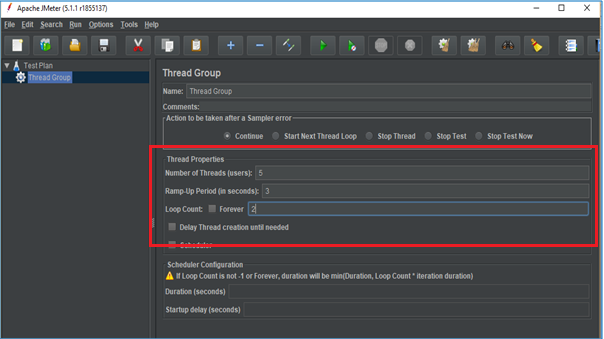
**Step 1.22.1:** Adding HTML assertions in JMeter

The HTML assertion is used to check the HTML syntax of the response.

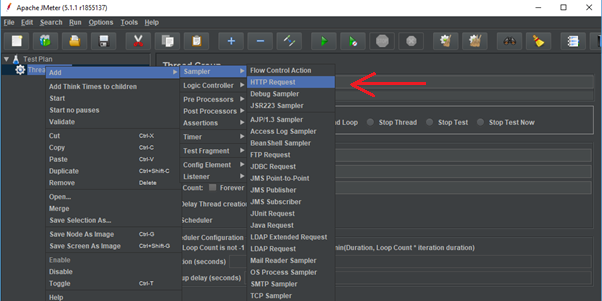
* Open the Apache JMeter.
* Click on the Test Plan.
* Rename the Test Plan.
* Right click on Test Plan --->Add--->Thread(users)--->Thread Group.



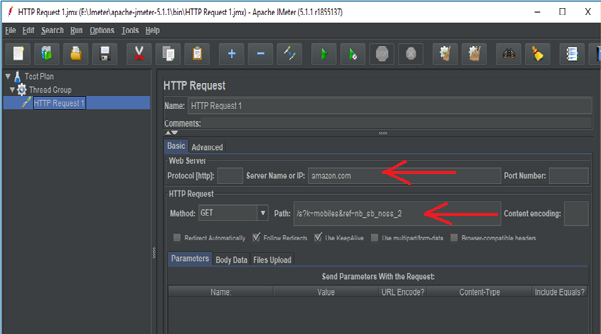
* Go to Thread Group--->Name--->Comments---> Continue --->Thread Properties--->Number of Threads(users): ---> Ramp-Up period (in seconds): ---> Loop Count --->Save.



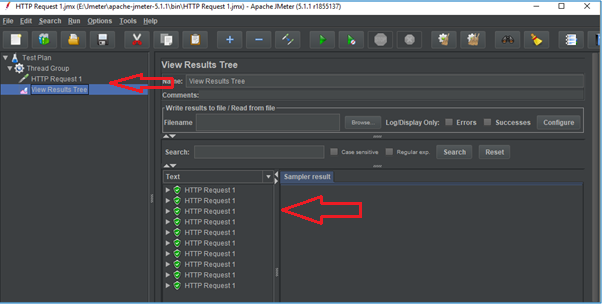
* Right click on Thread Group --->Add---> Sampler---> HTTP Request.

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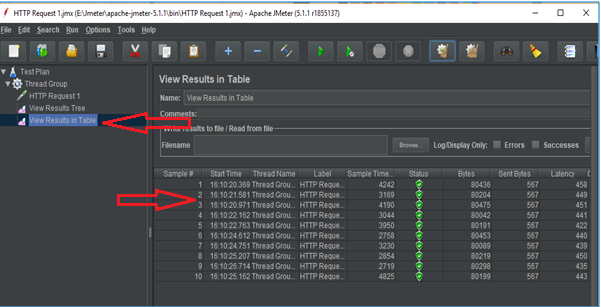
* HTTP Request---> Server Name or IP :---> Path :/---> Save.



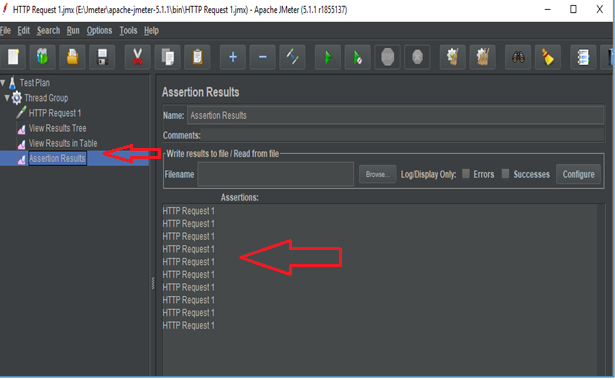
* Right click on Thread Group --->Add--->Listeners---> View Results Tree---> Run.



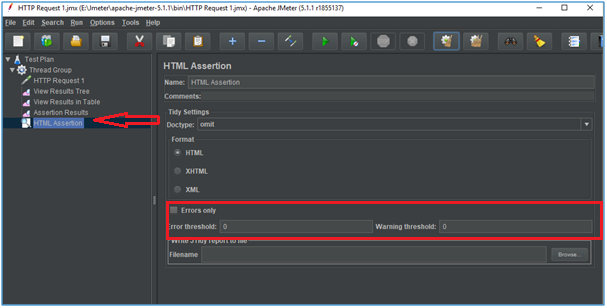
* Right click on Thread Group --->Add--->Listeners---> View Results in Table---> Clear All---> Save---> Run.



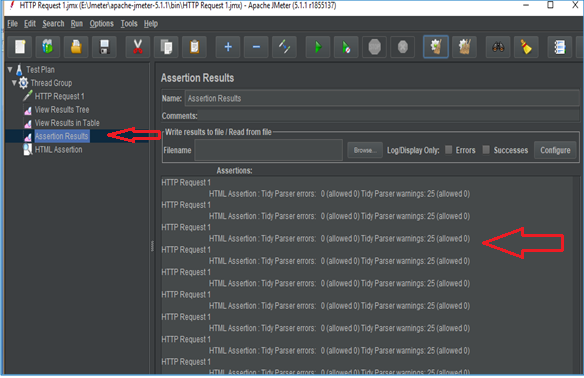
* Right click on Thread Group --->Add--->Listeners---> Assertions Results---> Clear All---> Save---> Run.



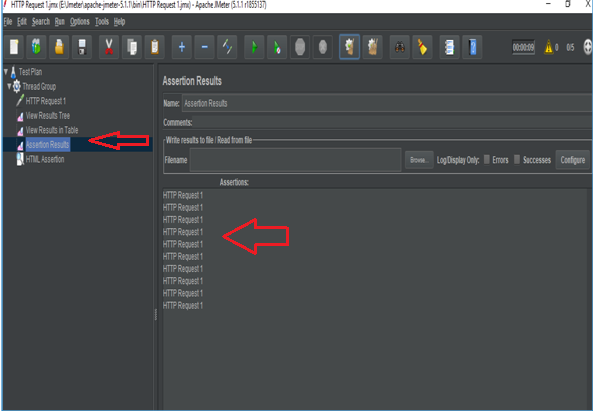
* Right click on Thread Group --->Add--->Assertions ---> HTML Assertions---> Error threshold---> Warning threshold--->Clear All---> Save.



* Go to Assertion Results---> Run. This gives an error.



* Go to HTML Assertions---> Error threshold: 0---> Warning threshold: 25--->Clear All---> Save---> Assertion Results---> Run.



**Step 1.22.2**: Pushing the code to GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add . 

Commit the changes using the following command:

git commit . -m “Changes have been committed.”

Push the files to the folder you initially created using the following command:

git push -u origin master