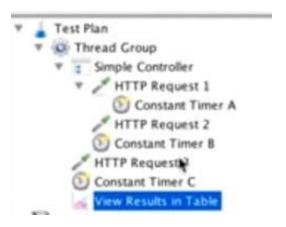
# **Demo: Simple Controller & Timers**

Add the Simple Controllers & Constant Timer as shown in the hierarchy of TestPlan.

Set the Thread Delay for Timer A: 3000 ms. Timer B: 5000 ms. Timer C: 7000 ms

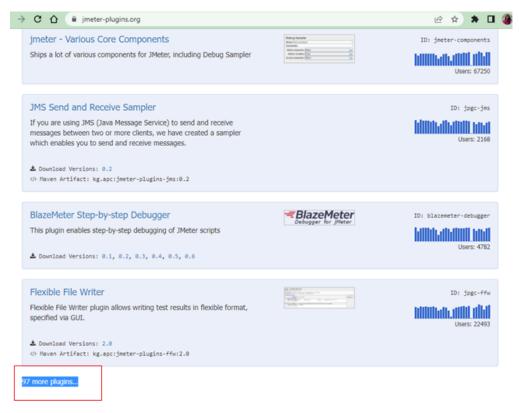


Therefore. HTTP Request 1 runs after 15 sec; HTTP Request 2 runs after 5 sec after HTTP Req. 1 & HTTP Request 3 runs after 7 sec after HTTP Request 2.

TO DO: Use Uniform Random Timer

# **Demo: Adding additional Plugins**

You can check the various plugins available for Jmeter on the url: <a href="https://jmeter-plugins.org/">https://jmeter-plugins.org/</a>



If you want to add any new jmeter plugins, follow the steps:

### METHOD 1:

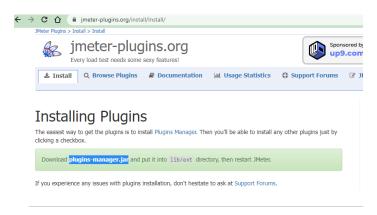
Install jar file of any plugin u want to add

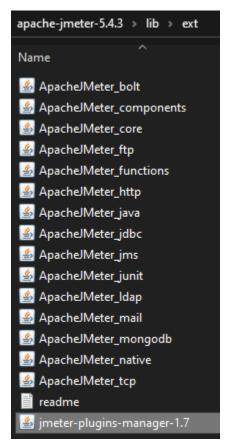
Paste it in \apache-jmeter-5.4.3\lib\ext\place the jar file here.

Restart your jmeter to apply the changes

### METHOD 2: Quick & easy way - using Jmeter Plugin Manager

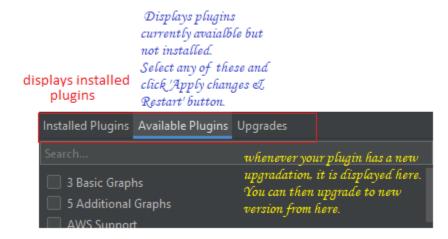
Downland plugin manager jar and add to lib\ext folder from the url: <a href="https://jmeter-plugins.org/install/Install/">https://jmeter-plugins.org/install/Install/</a> and paste it in \apache-jmeter—5.4.3\lib\ext\





Restart the Jmeter.

You will see 'PLUGINS MANAGER' under OPTIONS menu getting added.



You can make use of Available Plugins to add any new plugins instead of every time downloading jar files from for every plugin that you want to add.

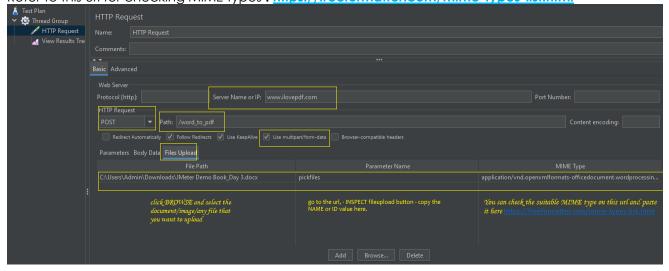
Adding Plugins Manager will be one time activity and then just and then select plugins that you want to add and apply.

# **Demo: File Upload Testing**

Test Plan – Thread Group – HTTP Request Sampler

Add listener - ViewResult Tree

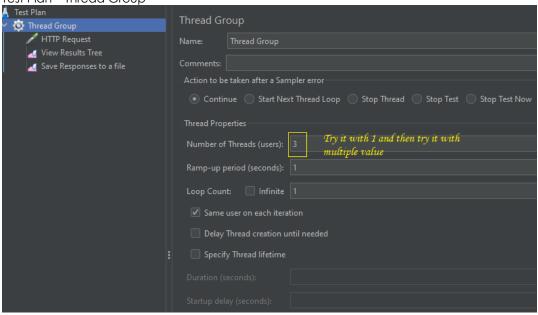
You can use this url to check FileUpload testing: https://www.ilovepdf.com/word to pdf Refer to this url for checking MIME types: https://freeformatter.com/mime-types-list.html



# **Demo: FTP Request Sampler :: File Download Testing**

You can use this FTP url for file download: <a href="ftp://speedtest.tele2.net/">ftp://speedtest.tele2.net/</a> //if you are able to access (or) use <a href="MAVEN REPOSITORY">MAVEN REPOSITORY</a> to download jar files.

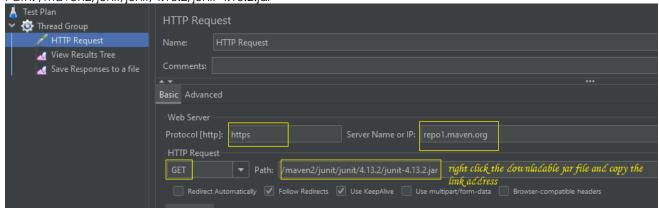
Create a folder in some path to download the files Test Plan – Thread Group



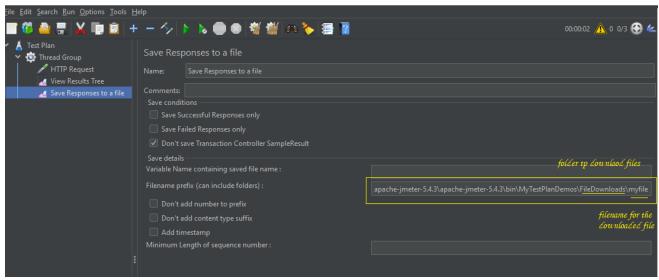
Add FTP/HTTP Request Sampler

Protocol: https://usually we don't write this but since this site is strictly secured, write it. Server Name or IP: repo1.maven.org

Path: /maven2/junit/junit/4.13.2/junit-4.13.2.jar



Add listener - ViewResult Tree Add listener - Save Response to a file



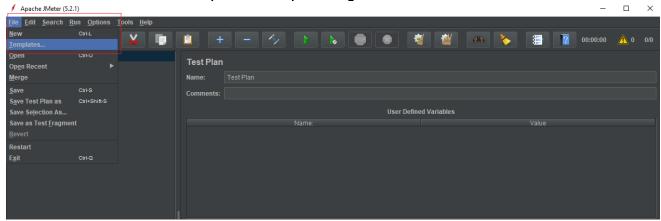
Run

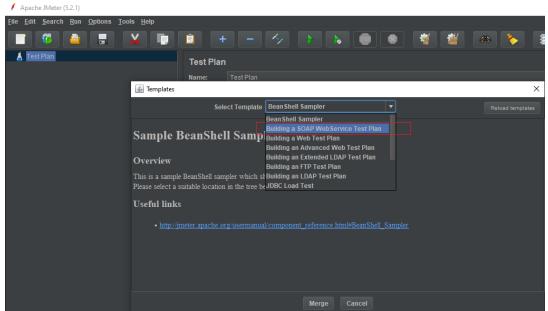
# **Demo: REST API Testing**

API - Application Programming Interface REST API - JSON,XML SOAP API - XML

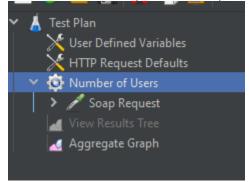
P1	interfac	e	P2	
Customer		WAITER		Kitchen
Client		API		Server
MMT		API		GoFirst, SpiceJEt, Indigo

open Templates (right side top under 'File')--> Select Template Dropdown--> Building a SOAP WebService Test Plan -> Click on Create --> The Sample SOAP test plan with get created.

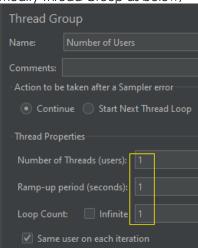




Under Number of Users -->HTTP Request(SOAP Request) sample will get created as below; Rename it as REST Request //optional since we are focusing on REST API Testing here.

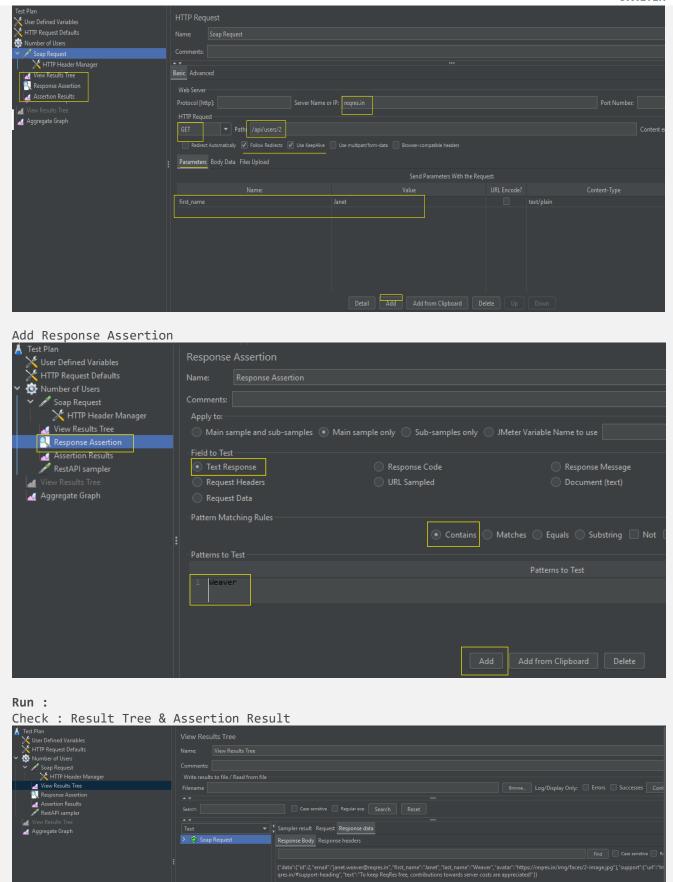


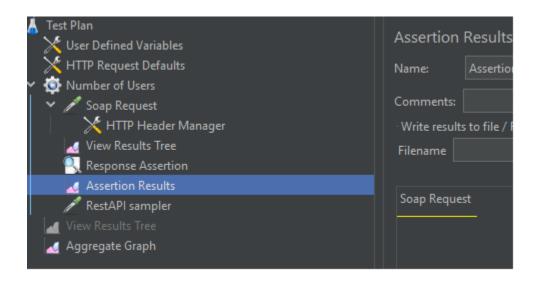
Modify Thread Group as below;



Delete any unwanted Response assertion data added under Soap Request sampler

Use REST API url: https://reqres.in/





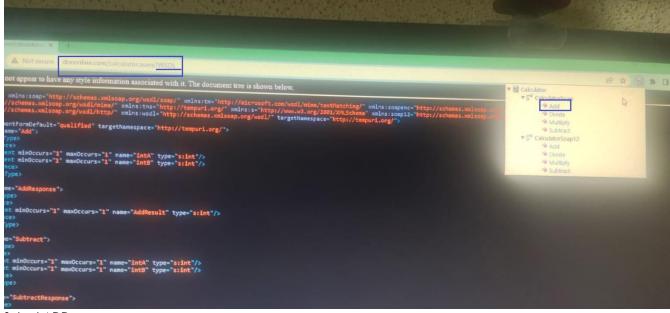
# **Demo: SOAP API Testing**

http://www.dneonline.com/calculator.asmx

Add WIZDLER extension to your chrome. Restart the browser. The WIZDLER is active only for WSDL pages.

So.. click on <u>Service Description</u> link. You will be navigated to <a href="http://www.dneonline.com/calculator.asmx?WSDL">http://www.dneonline.com/calculator.asmx?WSDL</a>

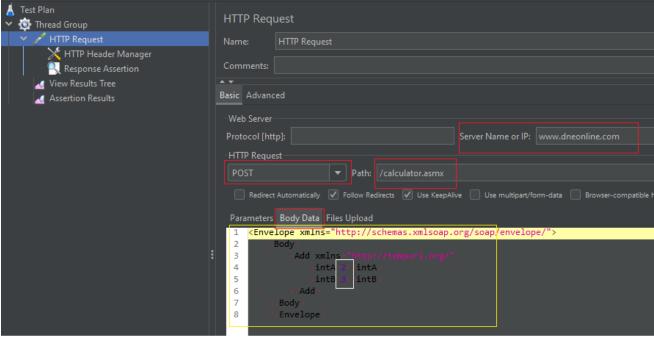
Click on WIZDLER extension.



Select ADD.



Copy pate the above xml in the jmeter HTTP Request



Add HTTP Header Maanger and add the following details from <a href="http://www.dneonline.com/calculator.asmx?op=Add">http://www.dneonline.com/calculator.asmx?op=Add</a> (Click on ADD from url <a href="http://www.dneonline.com/calculator.asmx">http://www.dneonline.com/calculator.asmx</a>)



Click here for a complete list of operations.

## Add

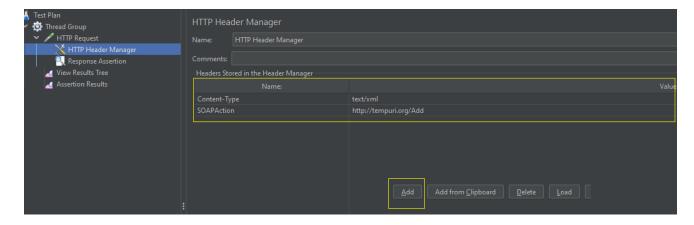
Adds two integers. This is a test WebService. ©DNE Online

#### Test

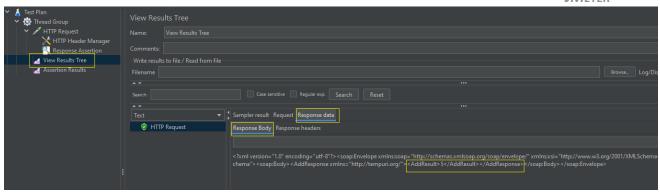
The test form is only available for requests from the local machine.

#### **SOAP 1.1**

The following is a sample SOAP 1.1 request and response. The placeholders shown need to be replaced with a



Run:



### Add RESPONSE ASSERTION once you run the Test – for the next time.

