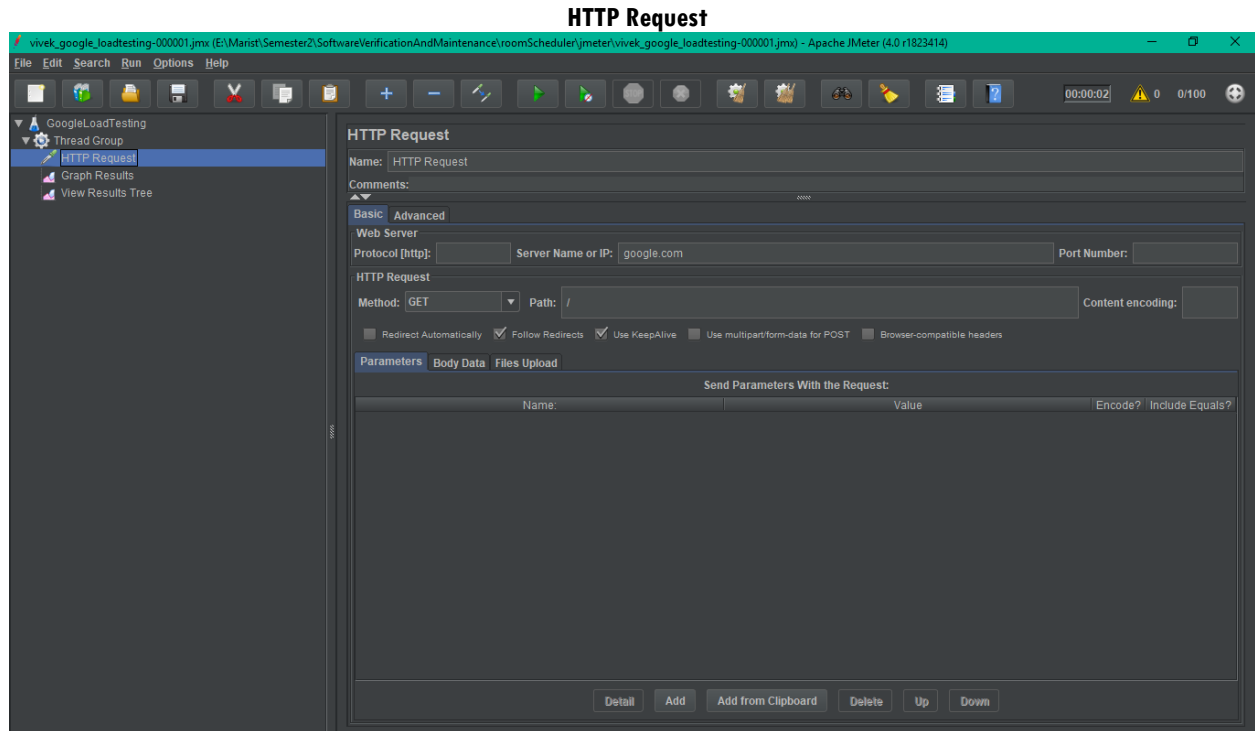


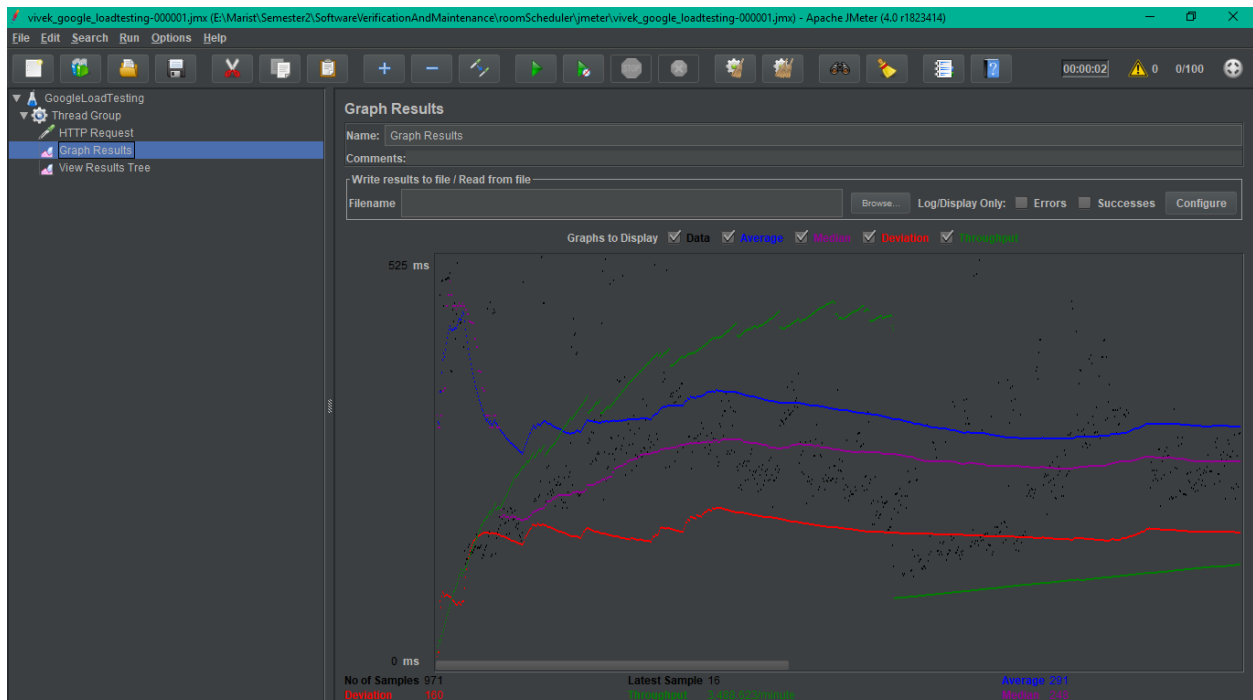
# Load Testing Using Jmeter

## Google Page Testing

File Name: google\_loadtesting-000001.jmx | Thread group value: 100



## Graph Results



## View Results Tree

The screenshot shows the Apache JMeter interface with the 'View Results Tree' window active. The window title is 'vivek\_google\_loadtesting-000001.jmx (E:\Marist\Semester2\SoftwareVerificationAndMaintenance\roomScheduler\jmeter\vivek\_google\_loadtesting-000001.jmx) - Apache JMeter (4.0 r1823414)'. The left sidebar shows a tree view with 'GoogleLoadTesting' expanded, containing 'Thread Group', 'HTTP Request', 'Graph Results', and 'View Results Tree'. The 'View Results Tree' window has a 'Name' field set to 'View Results Tree' and a 'Comments' field. Below these is a section for 'Write results to file / Read from file' with a 'Filename' field and buttons for 'Browse...', 'Log/Display Only:', 'Errors', 'Successes', and 'Configure'. The 'Log/Display Only:' section is set to 'Errors'. The 'View Results Tree' window has a 'Search' field and buttons for 'Case sensitive', 'Regular exp.', 'Search', and 'Reset'. The main area displays a list of 'HTTP Request' items, each with a green checkmark icon. The first item is selected, and its details are shown in the right pane. The details include: 'Thread Name: Thread Group 1-3', 'Sample Start: 2018-05-12 00:32:28 EDT', 'Load time: 194', 'Connect Time: 27', 'Latency: 77', 'Size in bytes: 11930', 'Sent bytes: 232', 'Headers size in bytes: 1014', 'Body size in bytes: 10916', 'Sample Count: 1', 'Error Count: 0', 'Data type ("text"|"bin"|""): text', 'Response code: 200', 'Response message: OK', 'Response headers: HTTP/1.1 200 OK', 'Date: Sat, 12 May 2018 04:32:29 GMT', 'Expires: -1', 'Cache-Control: private, max-age=0', 'Content-Type: text/html; charset=ISO-8859-1', 'P3P: CP="This is not a P3P policy! See g.co/p3phelp for more info."', 'Server: gws', and 'X-XSS-Protection: 1; mode=block'. At the bottom of the right pane, there are buttons for 'Raw' and 'Parsed'.

## Roomscheduler Load Testing

File Name: loadtest\_roomscheduler\_new\_tryout.jmx | Thread group value: 100

shortNotes:

- Changed the pom.xml file with jmeter dependency values
- Ran mvn package and placed the "RoomScheduler-0.0.1-SNAPSHOT.jar" inside "C:\Users\Vivek-Pc\Downloads\apache-jmeter-4.0\apache-jmeter-4.0\lib\ext" -> after this only ran the java request test
- Followed this tutorial: <https://www.seleniumtests.com/2017/02/test-java-classes-with-jmeter.html>

pom.xml

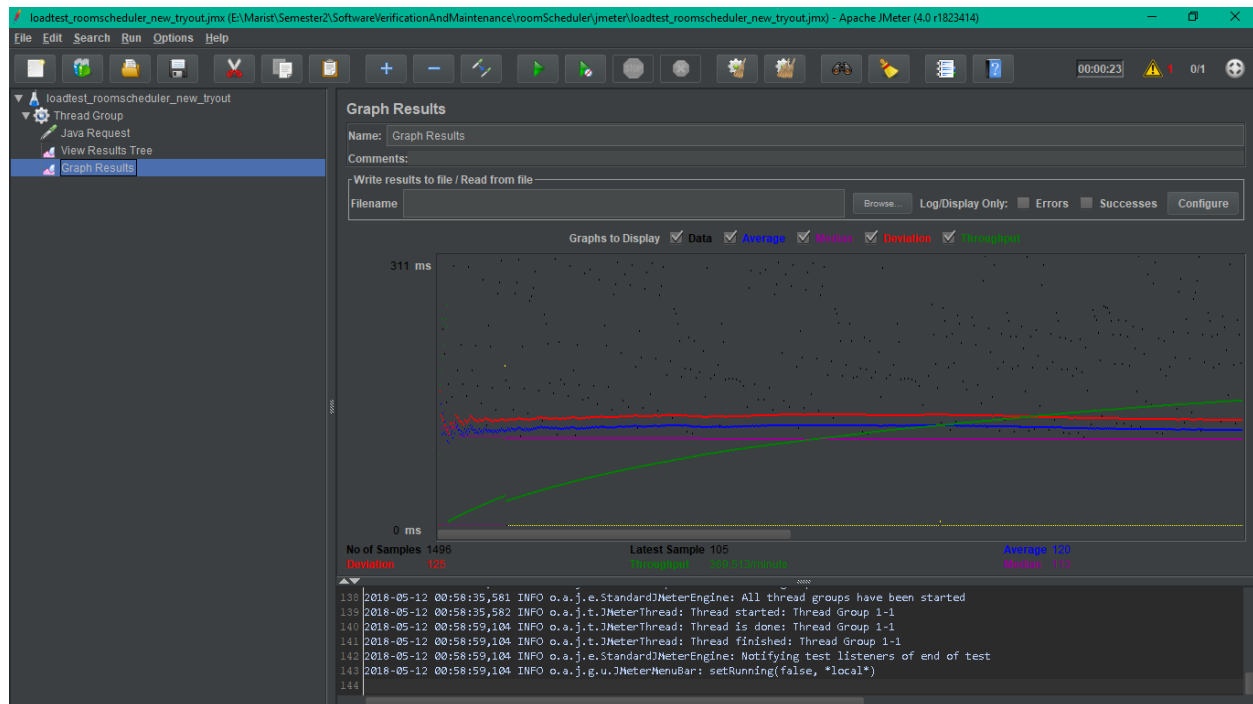
```
<!-- https://www.seleniumtests.com/2017/02/test-java-classes-with-jmeter.html -->
<dependency>
  <groupId>org.apache.jmeter</groupId>
  <artifactId>ApacheJMeter_core</artifactId>
  <version>3.1</version>
</dependency>
<dependency>
  <groupId>org.apache.jmeter</groupId>
  <artifactId>ApacheJMeter_java</artifactId>
  <version>3.0</version>
</dependency>
```

### Java Request

The screenshot shows the Apache JMeter 4.0 interface. The main window is titled "loadtest\_roomscheduler\_new\_tryout.jmx (E:\Marist\Semester2\SoftwareVerificationAndMaintenance\roomScheduler\jmeter\loadtest\_roomscheduler\_new\_tryout.jmx) - Apache JMeter (4.0 r1823414)". The left sidebar shows a tree view with "loadtest\_roomscheduler\_new\_tryout" expanded, containing "Thread Group", "Java Request", "View Results Tree", and "Graph Results". The "Java Request" element is selected, and its configuration is shown in the main panel. The "Name" field is "Java Request". The "Comments" field is empty. The "Classname" dropdown is set to "org.apache.jmeter.protocol.java.test.JavaTest". Below this, the "Send Parameters With the Request" section is visible, showing a table with parameters: "Sleep\_Time" (100), "Sleep\_Mask" (0xFF), "Label", "ResponseCode", "ResponseMessage", "Status" (OK), "SamplerData", and "ResultData". At the bottom, there is a log window showing the following messages:

```
138 2018-05-12 00:58:35,581 INFO o.a.j.e.StandardJMeterEngine: All thread groups have been started
139 2018-05-12 00:58:35,582 INFO o.a.j.t.JMeterThread: Thread started: Thread Group 1-1
140 2018-05-12 00:58:59,104 INFO o.a.j.t.JMeterThread: Thread is done: Thread Group 1-1
141 2018-05-12 00:58:59,104 INFO o.a.j.t.JMeterThread: Thread finished: Thread Group 1-1
142 2018-05-12 00:58:59,104 INFO o.a.j.e.StandardJMeterEngine: Notifying test listeners of end of test
143 2018-05-12 00:58:59,104 INFO o.a.j.g.u.JMeterMenuBar: setRunning(false, *local*)
144
```

## Graph Results



### View Results Tree

