

How to install and Run JMeter

The image is a composite of two screenshots. The top screenshot is a terminal window showing the installation and execution of JMeter. The bottom screenshot is the JMeter GUI.

Terminal Window:

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Last login: Sun Sep 27 16:15:16 on console

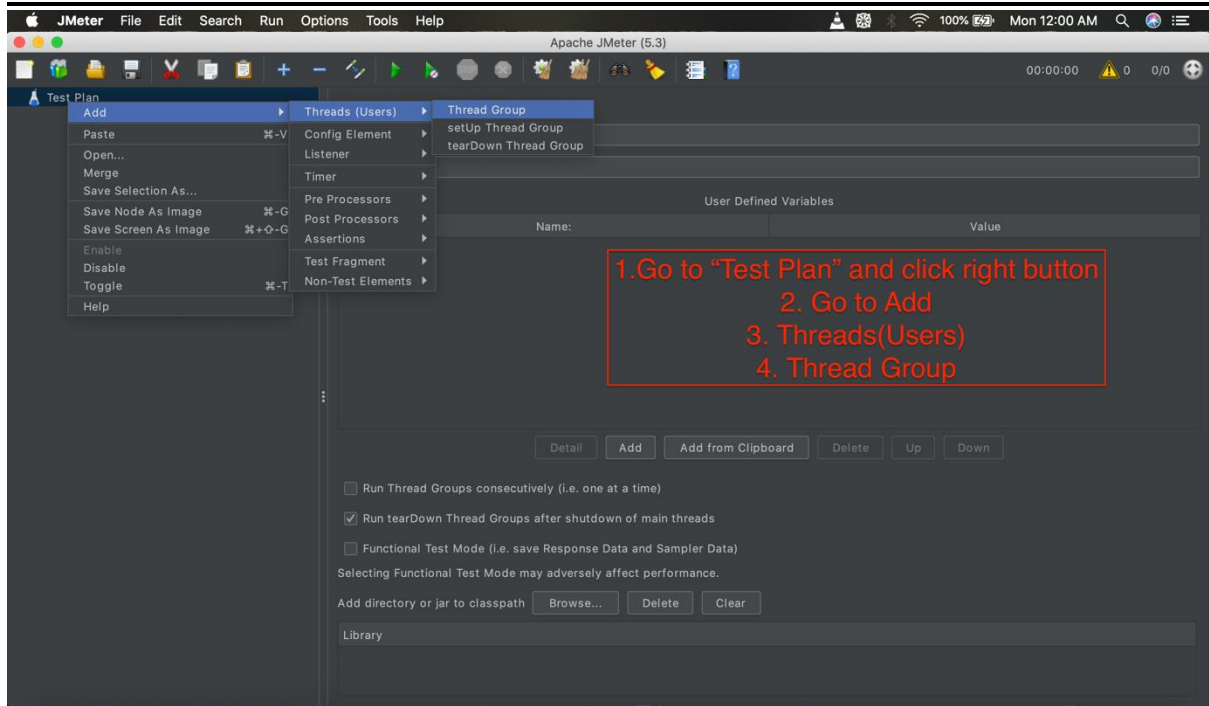
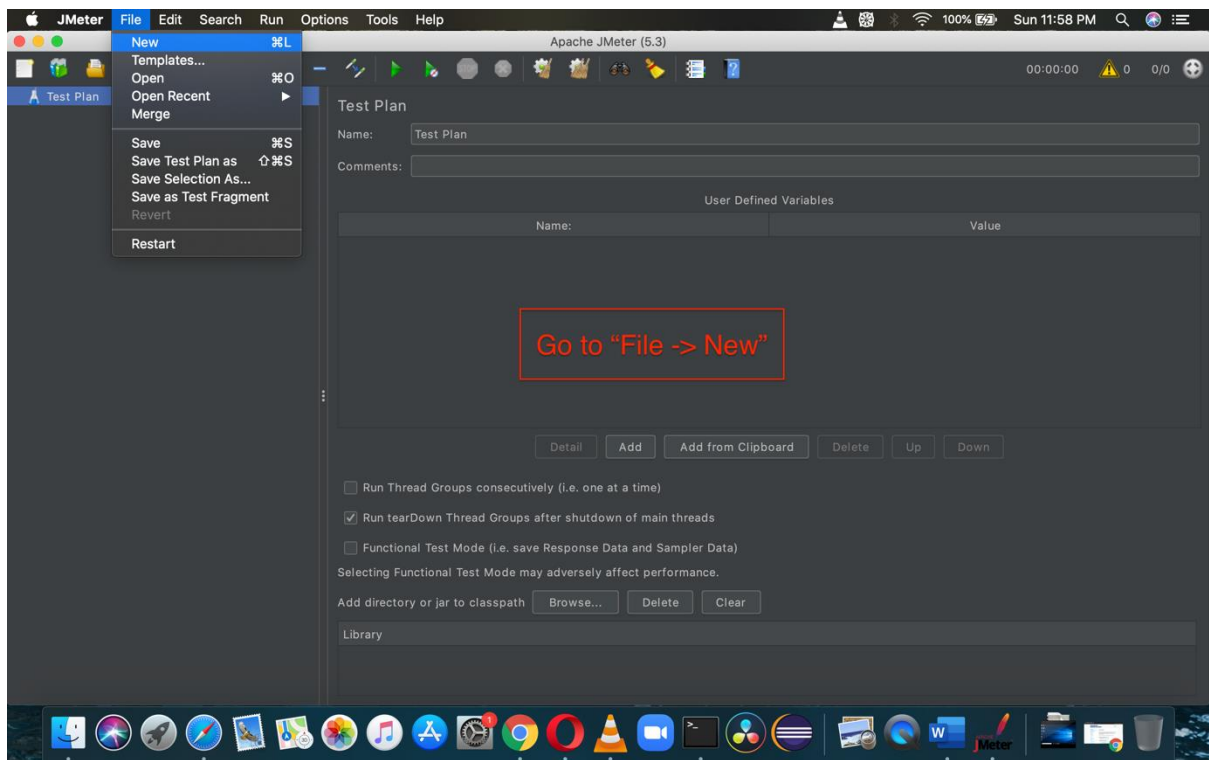
The default interactive shell is now zsh.
To update your account to use zsh, please run 'chsh -s /bin/zsh'.
For more details, please visit https://support.apple.com/kb/HT208050.
(base) Brintos-MacBook-Pro:~ brinto$ ls
Applications      Projects          jMeter
Desktop           Public           opt
Documents         PycharmProjects project1
Downloads         apache-jmeter-5.3 python
Library           apache-maven-3.6.3 setu
Movies            brinto          test_newman
Music             eclipse          thanos
Pictures          eclipse-workspace thanosback
Postman           env             workspace
(base) Brintos-MacBook-Pro:~ brinto$ cd apache-jmeter-5.3 brinto$ ls
LICENSE  README.md  bin      docs      extras  licenses  printable_docs
NOTICE   backups   jmeter.sh
(base) Brintos-MacBook-Pro:apache-jmeter-5.3 brinto$ cd bin
(base) Brintos-MacBook-Pro:bin brinto$ ls
ApacheJMeter.jar  jmeter.sh
BeanShellAssertion.bshrc  jmeterw.cmd
BeanShellFunction.bshrc  krb5.conf
BeanShellListeners.bshrc  log4j2.xml
BeanShellSampler.bshrc  mirror-server
View Results in Table.jmx  mirror-server.cmd
create-rmi-keystore.bat  mirror-server.sh
create-rmi-keystore.sh  report-template
examples                reportgenerator.properties
hc.parameters           saveservice.properties
heapdump.cmd            shutdown.cmd
heapdump.sh             shutdown.sh
jaas.conf               stoptest.cmd
jmeter                 stoptest.sh
jmeter-n-r.cmd          system.properties
jmeter-n.cmd            templates
jmeter-server           threaddump.cmd
jmeter-server.bat       threaddump.sh
jmeter-t.cmd            upgrade.properties
jmeter.bat              user.properties
jmeter.log              utility.groovy
jmeter.properties
(base) Brintos-MacBook-Pro:bin brinto$ sh jmeter.sh
=====
Don't use GUI mode for load testing !, only for Test creation and Test debugging.
For load testing, use CLI Mode (was NON GUI):
    jmeter -n -t [jmx file] -l [results file] -e -o [Path to web report folder]
& increase Java Heap to meet your test requirements:
    Modify current env variable HEAPSIZE=-Xms1g -Xmx1g -XX:MaxMetaspaceSize=256m in the jmeter batch file
Check : https://jmeter.apache.org/usermanual/best-practices.html
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```

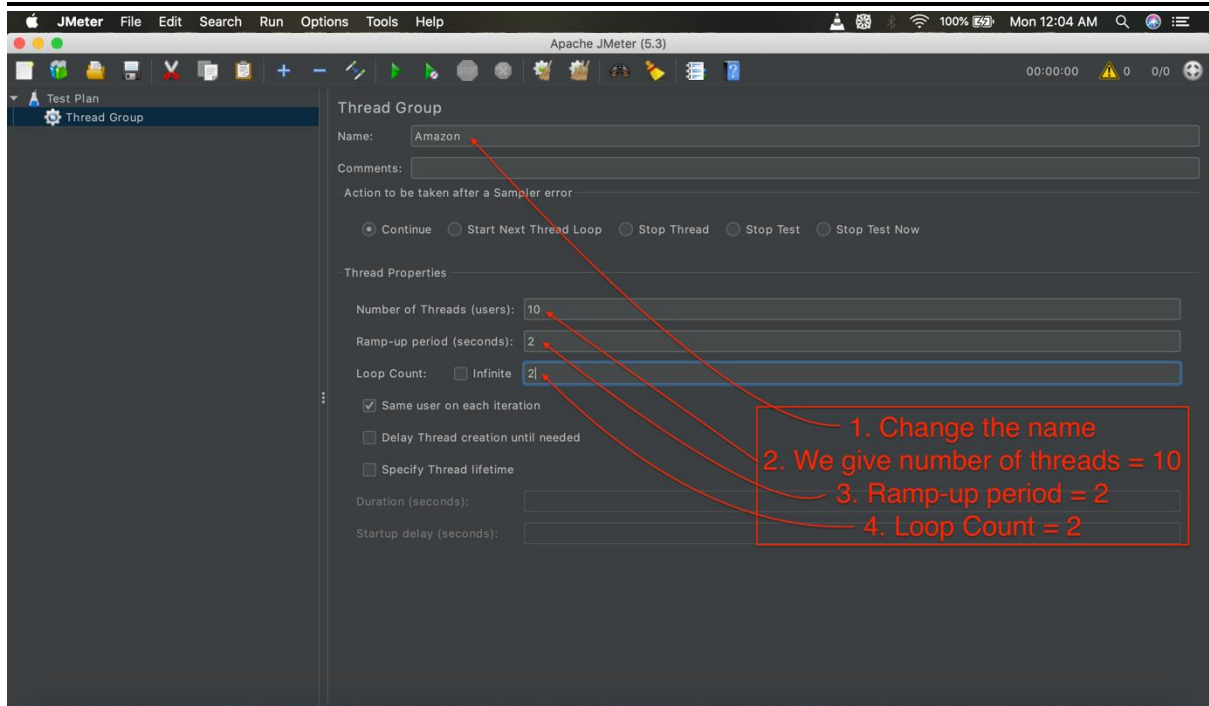
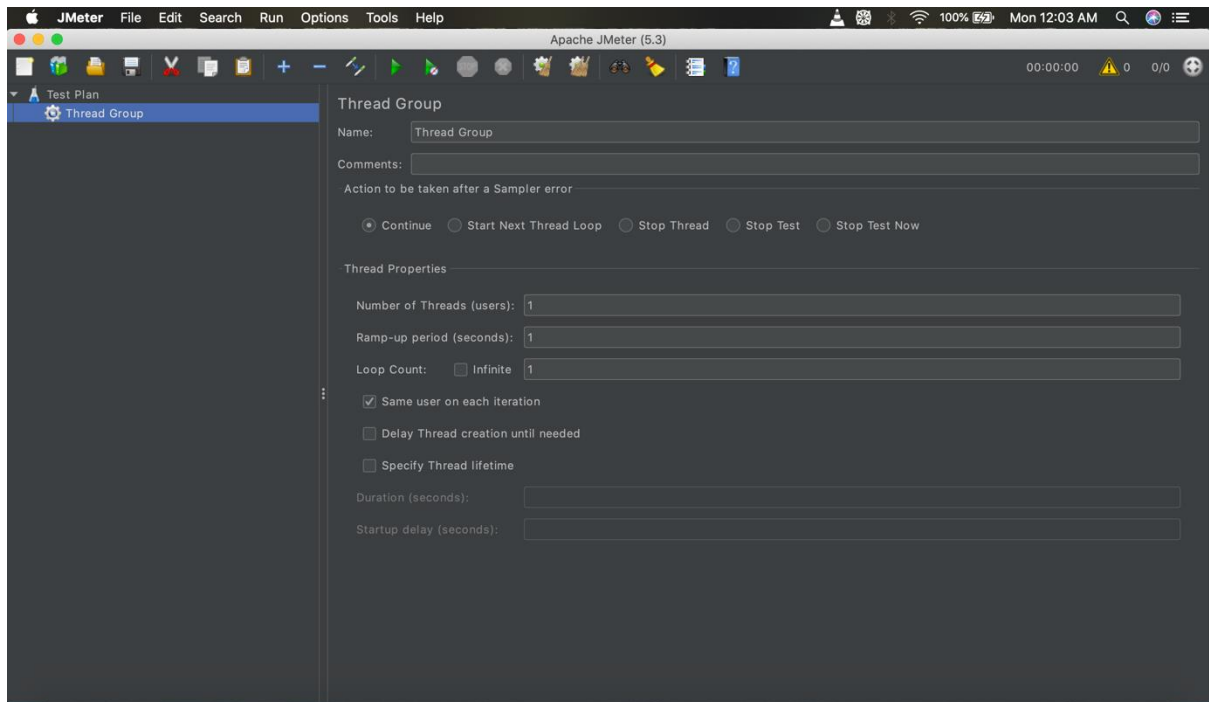
Annotations:

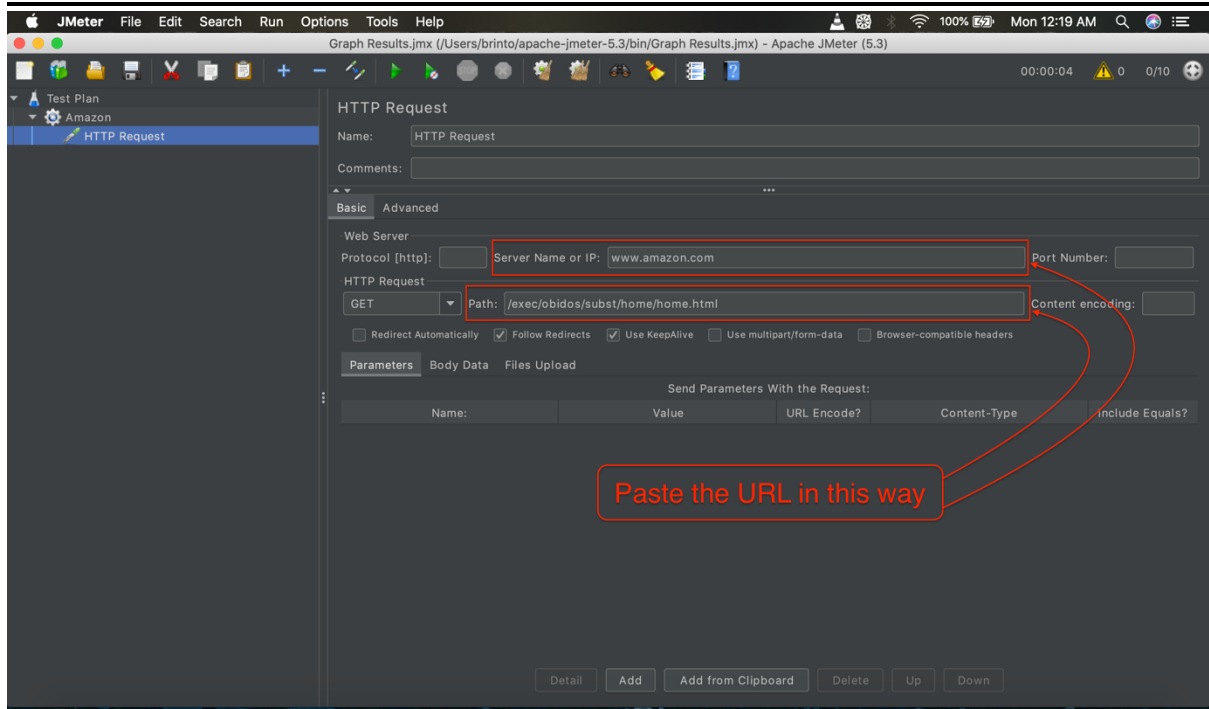
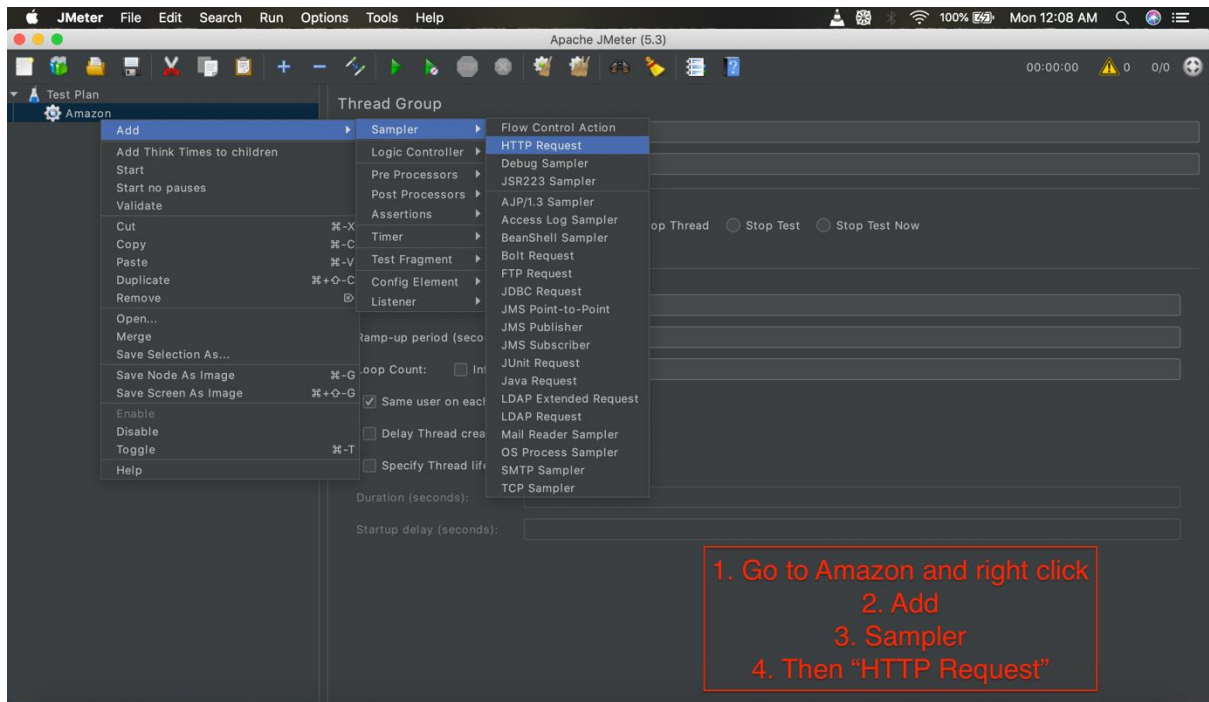
- 1. Go to "apache-jmeter-5.3" folder
- 2. Go to "bin" folder
- 3. Run "jmeter.sh"
- After that JMeter open automatically

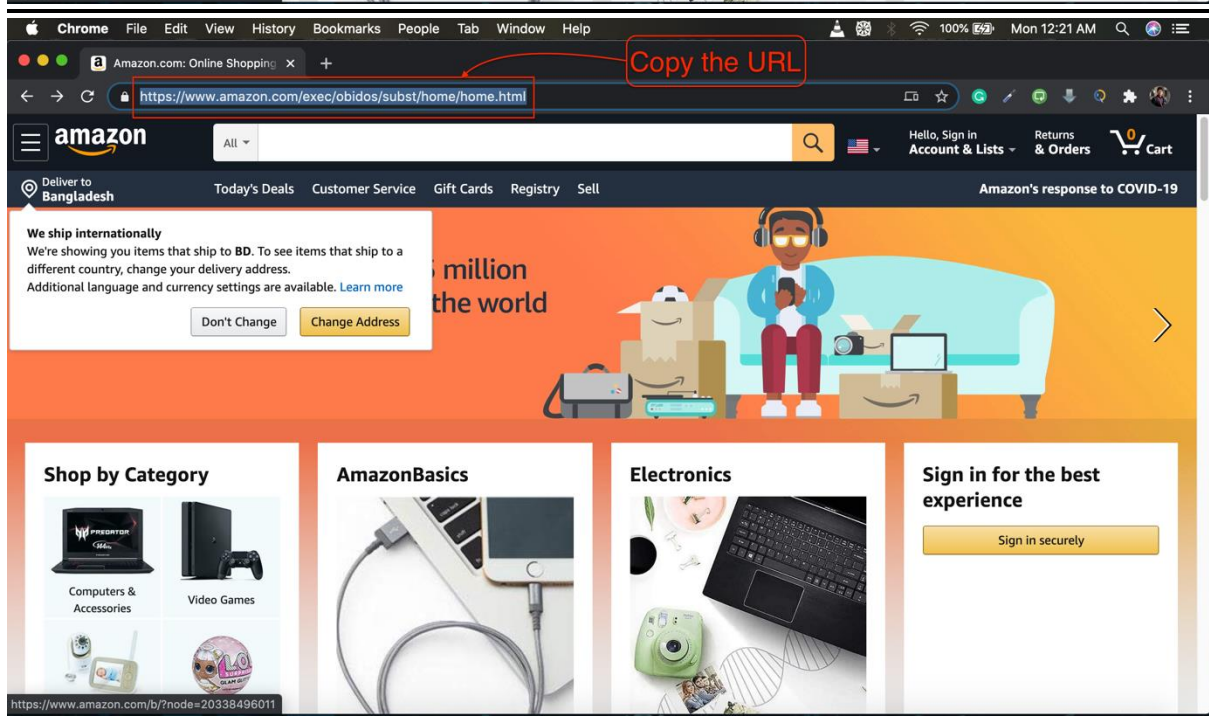
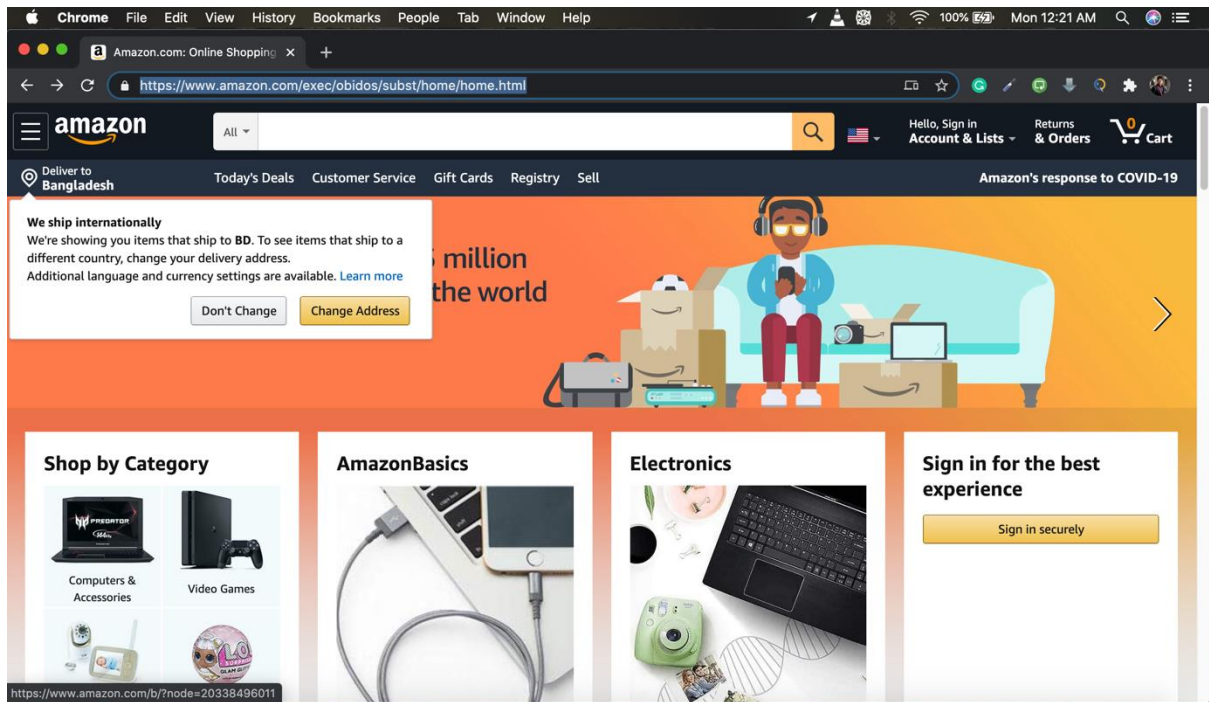
JMeter GUI:

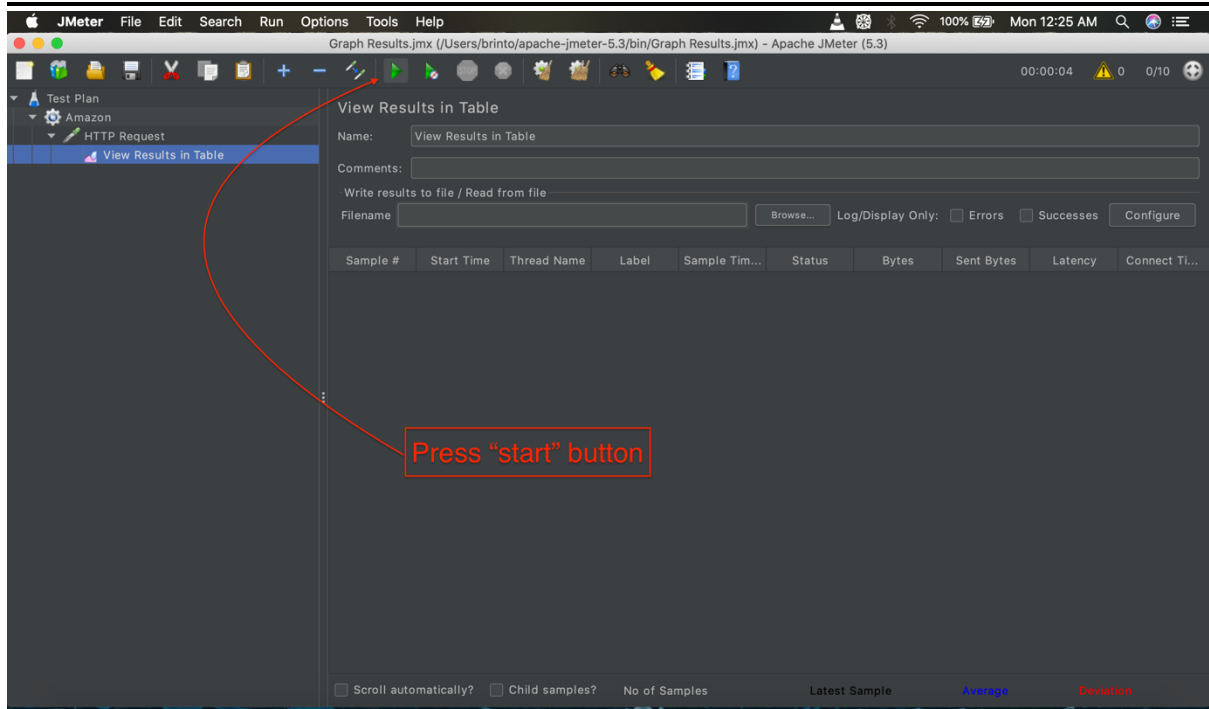
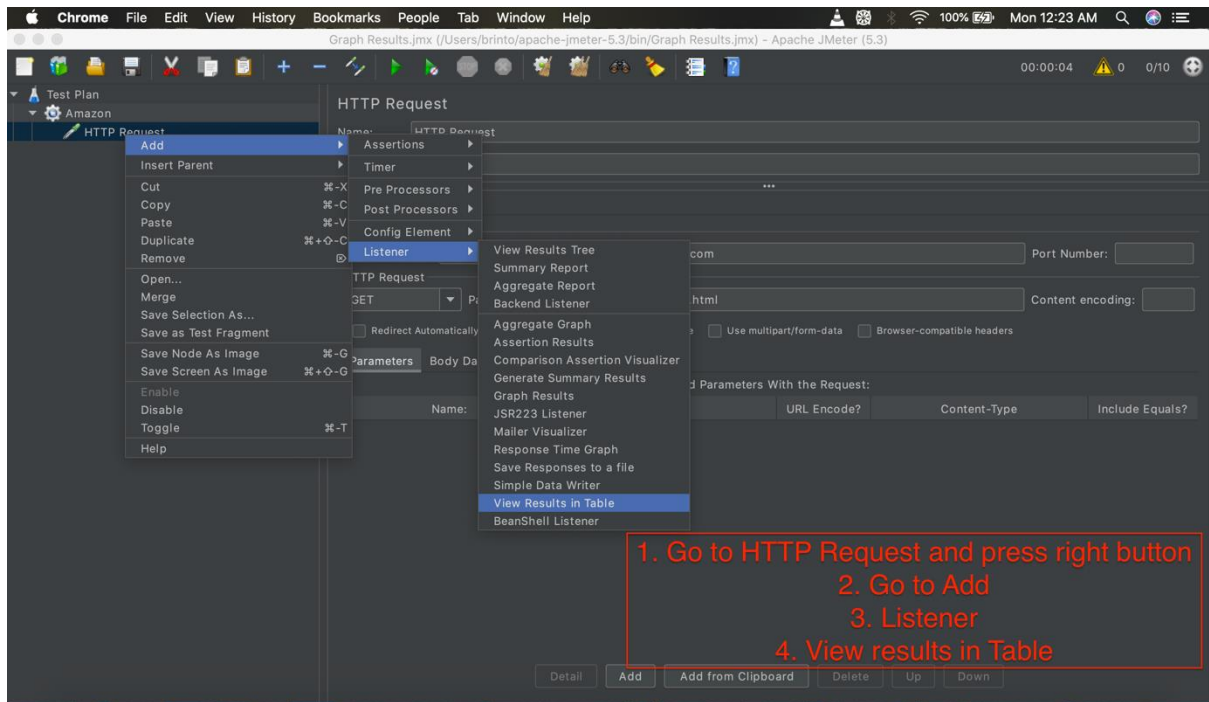
The JMeter GUI shows the "Test Plan" configuration. The "Name" field is set to "Test Plan". The "Comments" field is empty. The "User Defined Variables" table is empty. The "Run Thread Groups consecutively (I.e. one at a time)" checkbox is checked. The "Run tearDown Thread Groups after shutdown of main threads" checkbox is checked. The "Functional Test Mode (I.e. save Response Data and Sampler Data)" checkbox is unchecked. The "Selecting Functional Test Mode may adversely affect performance." message is displayed. The "Add directory or jar to classpath" field is empty. The "Library" field is empty.











Test Plan

Amazon

HTTP Request

View Results in Table

This is the result

View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

Filename

Browse...

Log/Display Only: ☐ Errors ☐ Successes

Configure

Sample #	Start Time	Thread Name	Label	Sample Tim...	Status	Bytes	Sent Bytes	Latency	Connect Ti...
1	00:26:45.814	Amazon 1-2	HTTP Requ...	1491	✓	81562	412	135	67
2	00:26:45.610	Amazon 1-1	HTTP Requ...	1717	✓	81490	412	163	93
3	00:26:46.010	Amazon 1-3	HTTP Requ...	1504	✓	81664	412	139	68
4	00:26:46.4...	Amazon 1-5	HTTP Requ...	1477	✓	81890	412	141	70
5	00:26:46.6...	Amazon 1-6	HTTP Requ...	1461	✓	81454	412	137	67
6	00:26:46.213	Amazon 1-4	HTTP Requ...	1935	✓	80032	412	139	69
7	00:26:46.8...	Amazon 1-7	HTTP Requ...	1499	✓	81407	412	139	69
8	00:26:47.008	Amazon 1-8	HTTP Requ...	1490	✓	81535	412	134	67
9	00:26:47.305	Amazon 1-2	HTTP Requ...	1263	✓	81434	412	68	0
10	00:26:47.514	Amazon 1-3	HTTP Requ...	1252	✓	81676	412	71	0
11	00:26:47.204	Amazon 1-9	HTTP Requ...	1573	✓	81438	412	143	74
12	00:26:47.327	Amazon 1-1	HTTP Requ...	1459	✓	80630	412	73	0
13	00:26:47.409	Amazon 1-10	HTTP Requ...	1534	✓	81431	412	175	104
14	00:26:48.0...	Amazon 1-6	HTTP Requ...	1280	✓	82703	412	71	0
15	00:26:48.4...	Amazon 1-8	HTTP Requ...	998	✓	82881	412	68	0
16	00:26:48.3...	Amazon 1-7	HTTP Requ...	1248	✓	81573	412	68	0
17	00:26:47.884	Amazon 1-5	HTTP Requ...	1923	✓	81469	412	68	0
18	00:26:48.9...	Amazon 1-10	HTTP Requ...	1023	✓	81439	412	69	0
19	00:26:48.777	Amazon 1-9	HTTP Requ...	1207	✓	80476	412	67	0
20	00:26:48.148	Amazon 1-4	HTTP Requ...	2191	✓	81553	412	69	0

☐ Scroll automatically? ☐ Child samples? No of Samples 20 Latest Sample 2191 Average 1476 Deviation 390