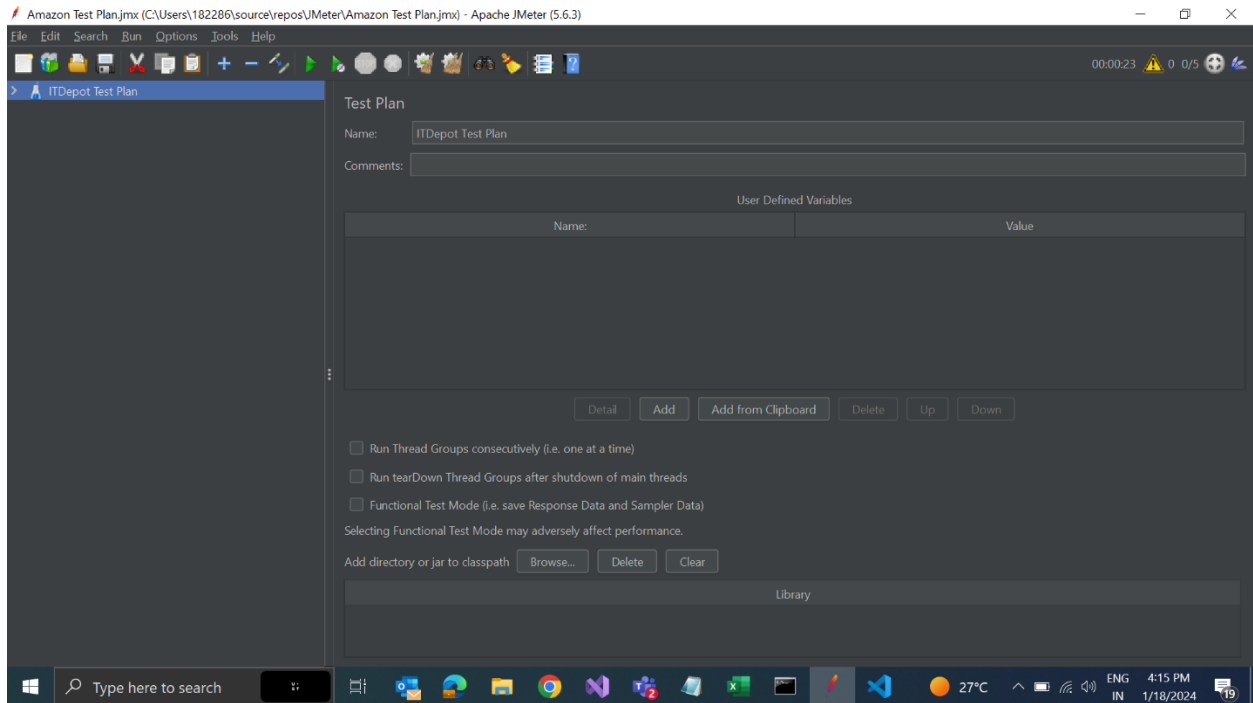
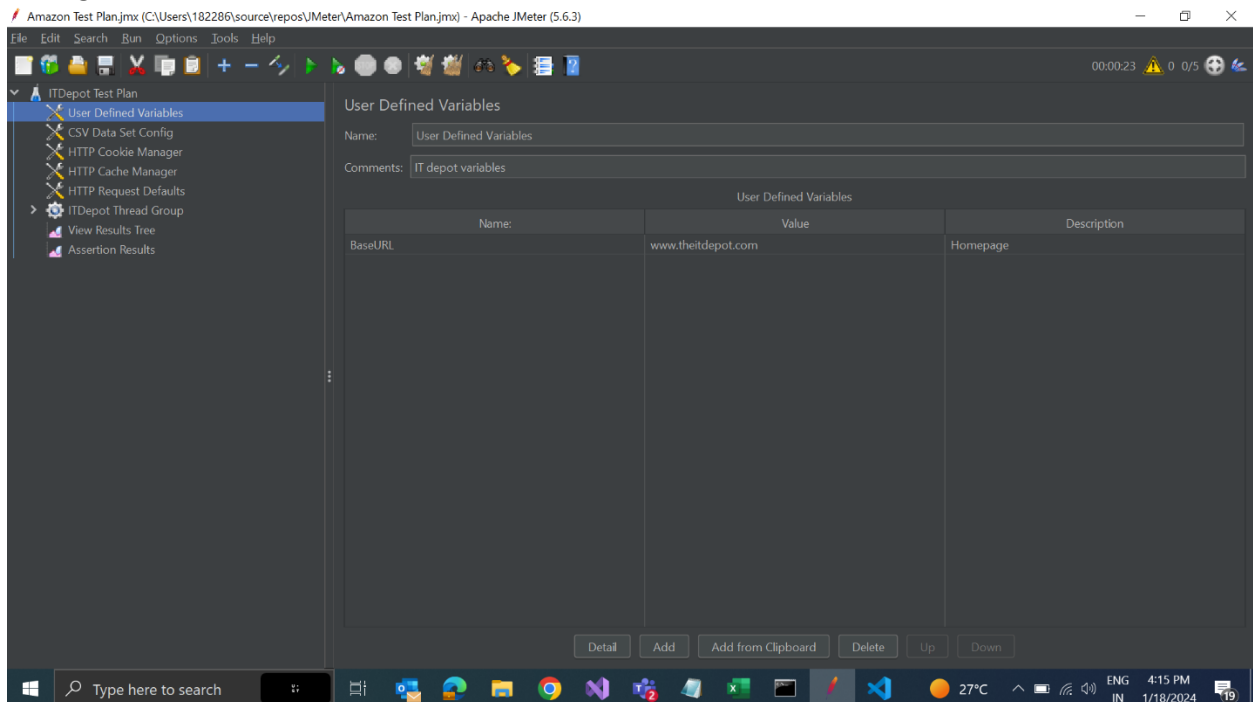


ITDEPOT JMETER TEST

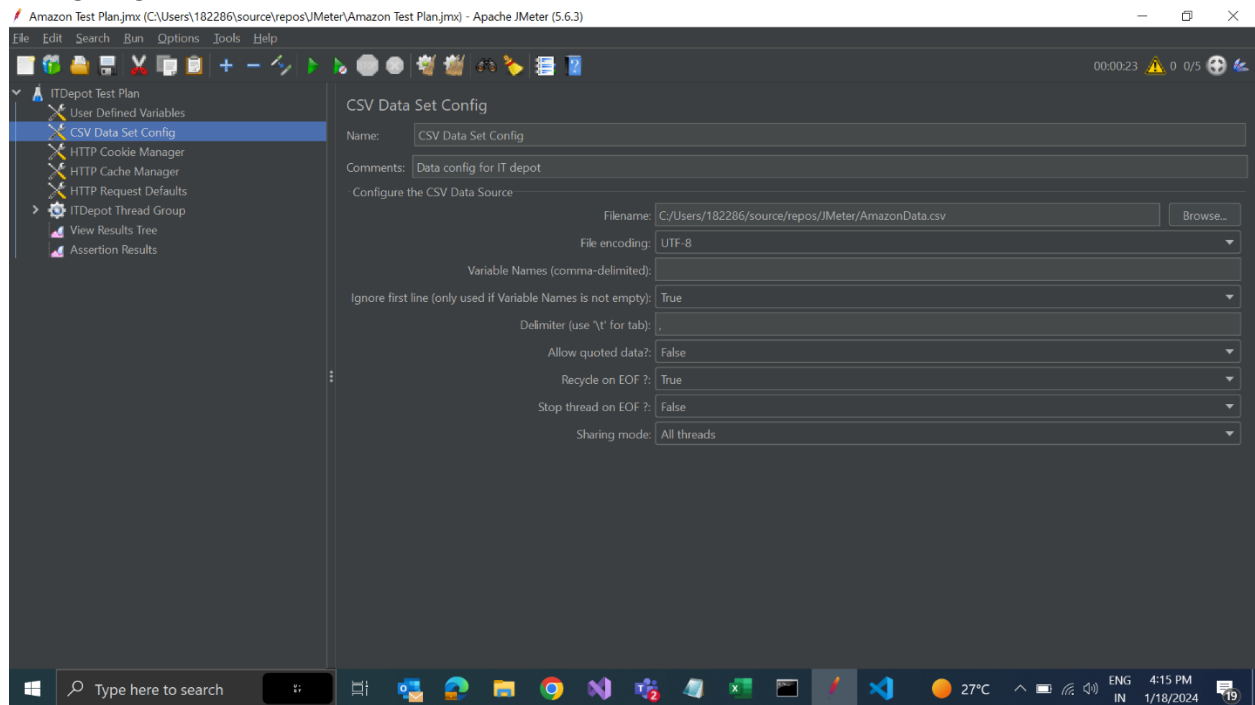
Created test plan for ITDepot website



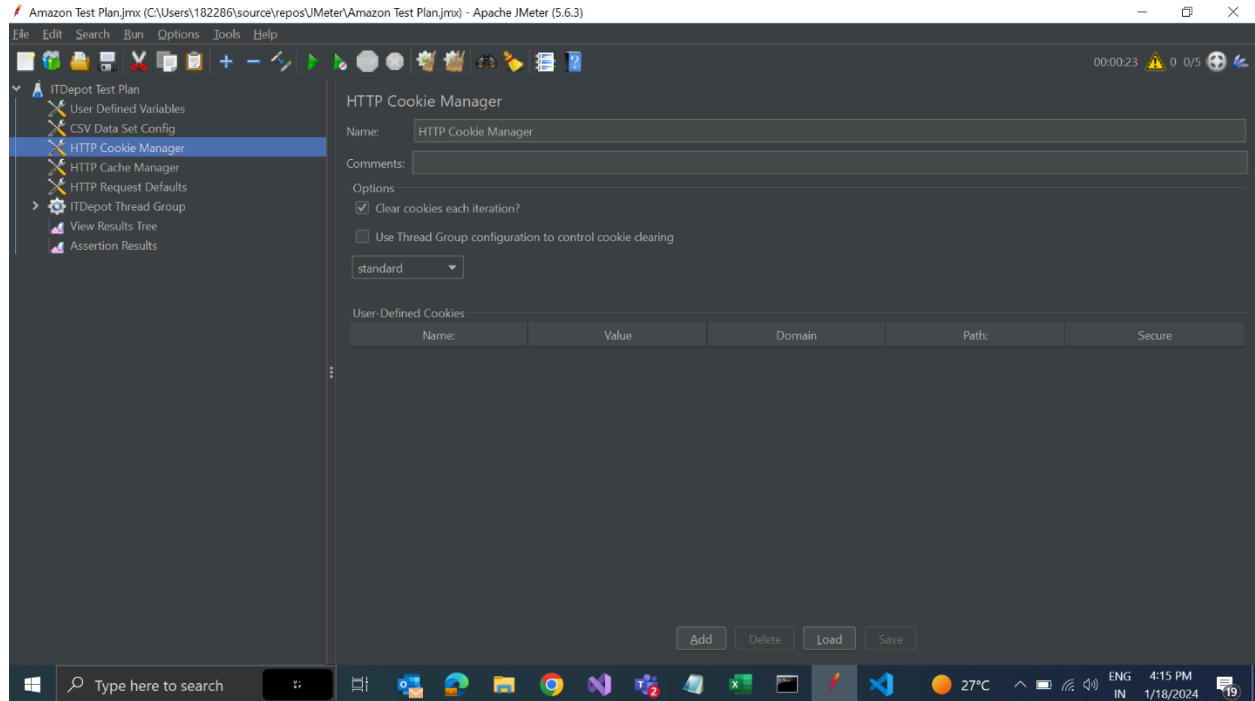
Setting base url in user defined variables



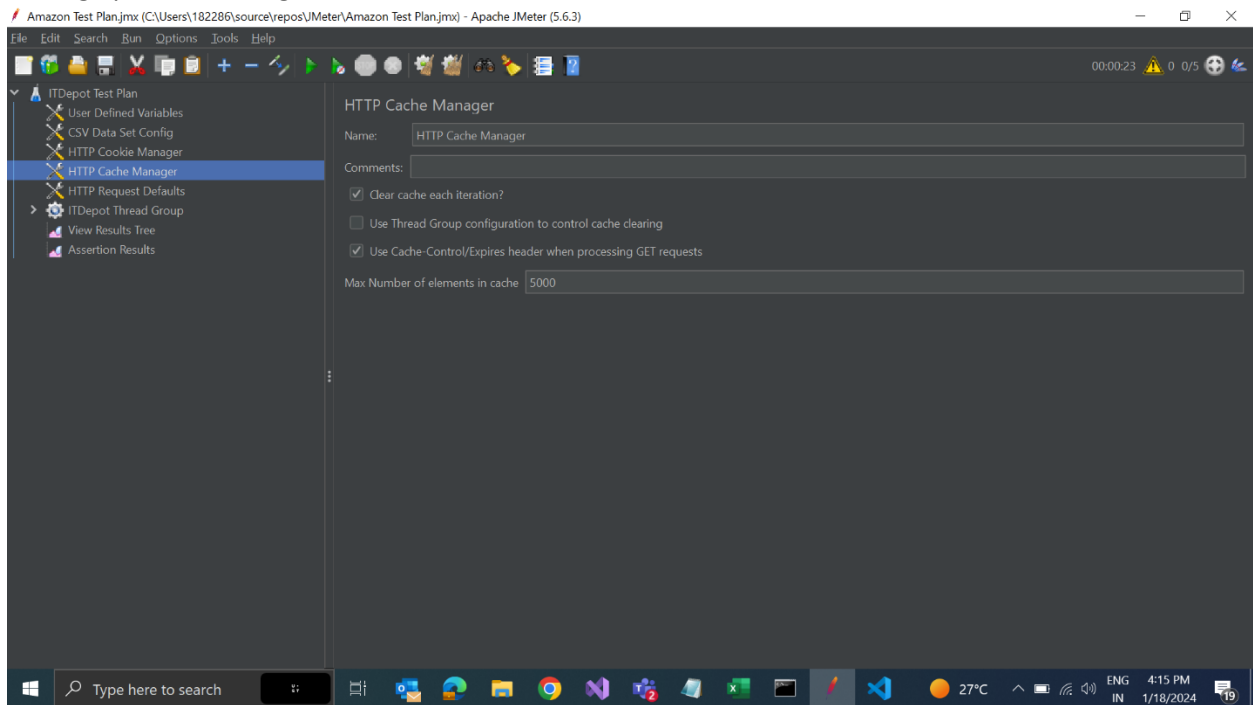
Configuring csv data reader



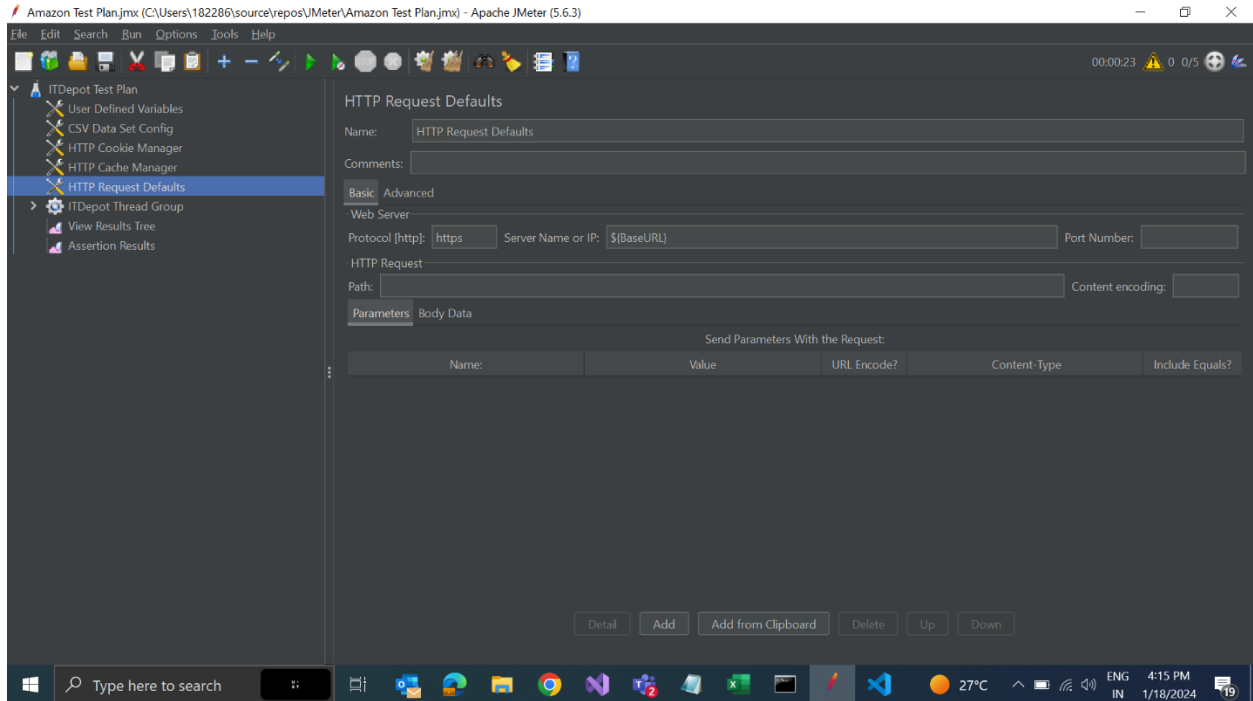
Setting up cookie manager



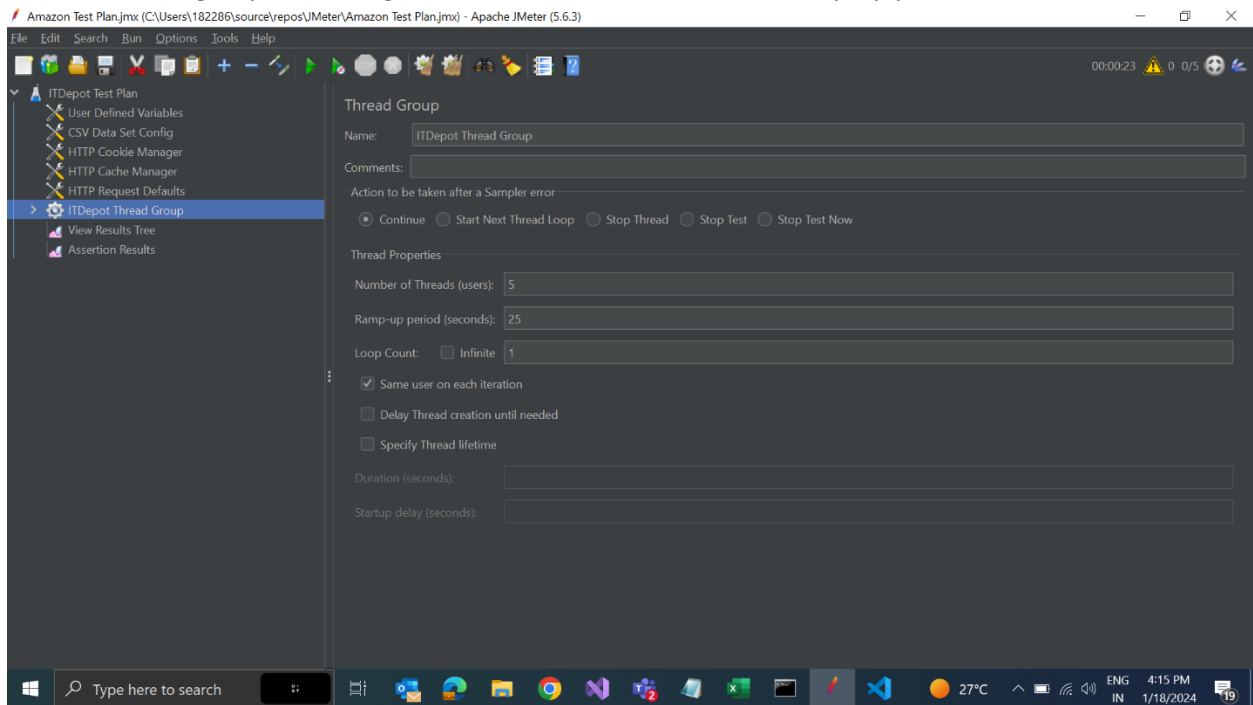
Setting up cache manager



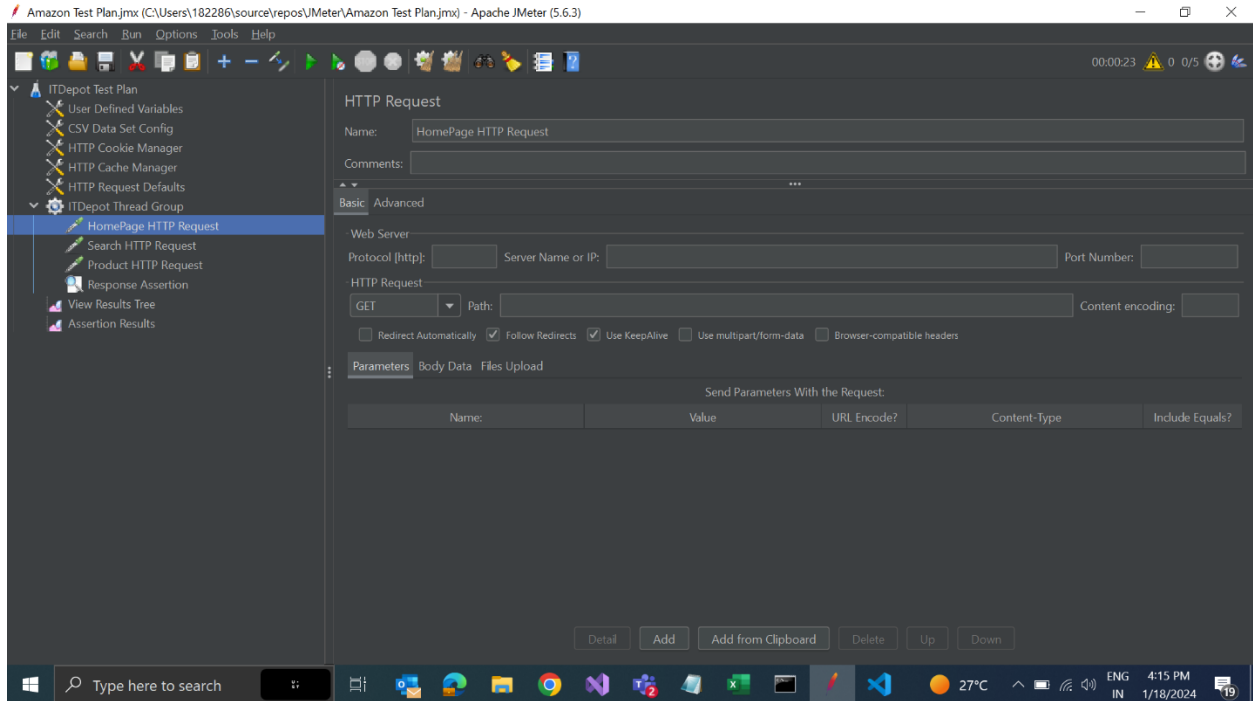
Setting request defaults



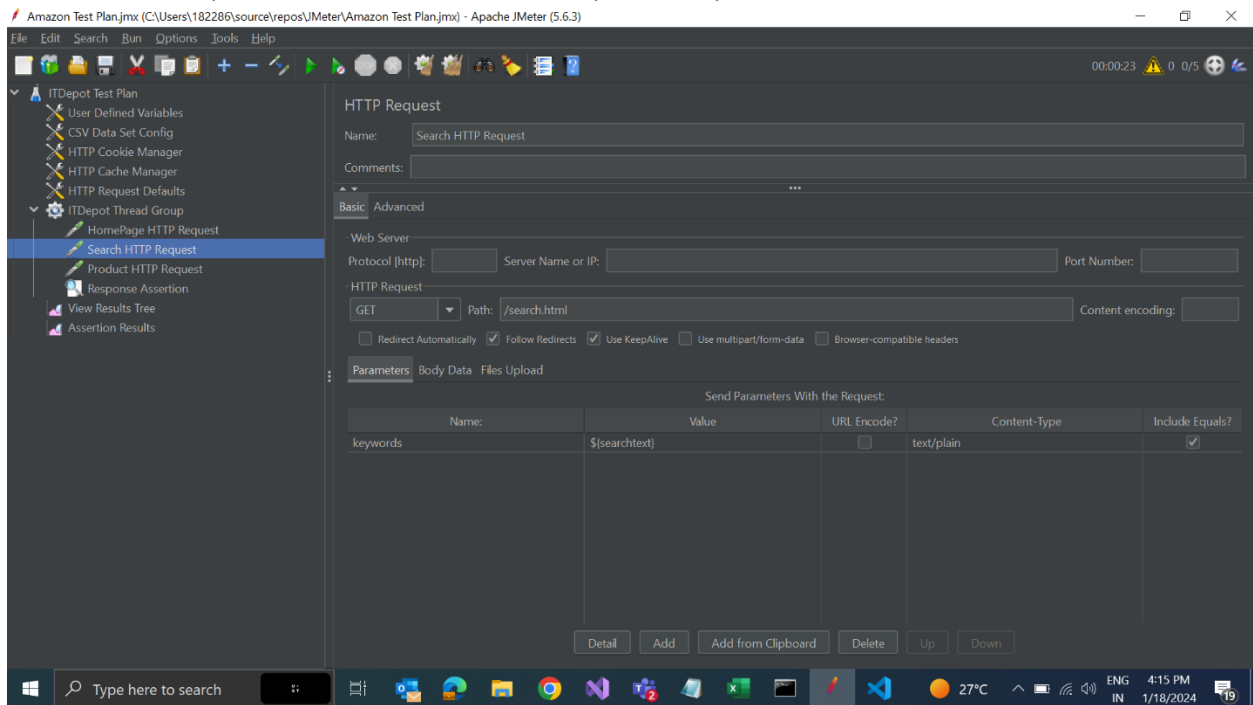
Created thread group and configured the number of threads and ramp-up period



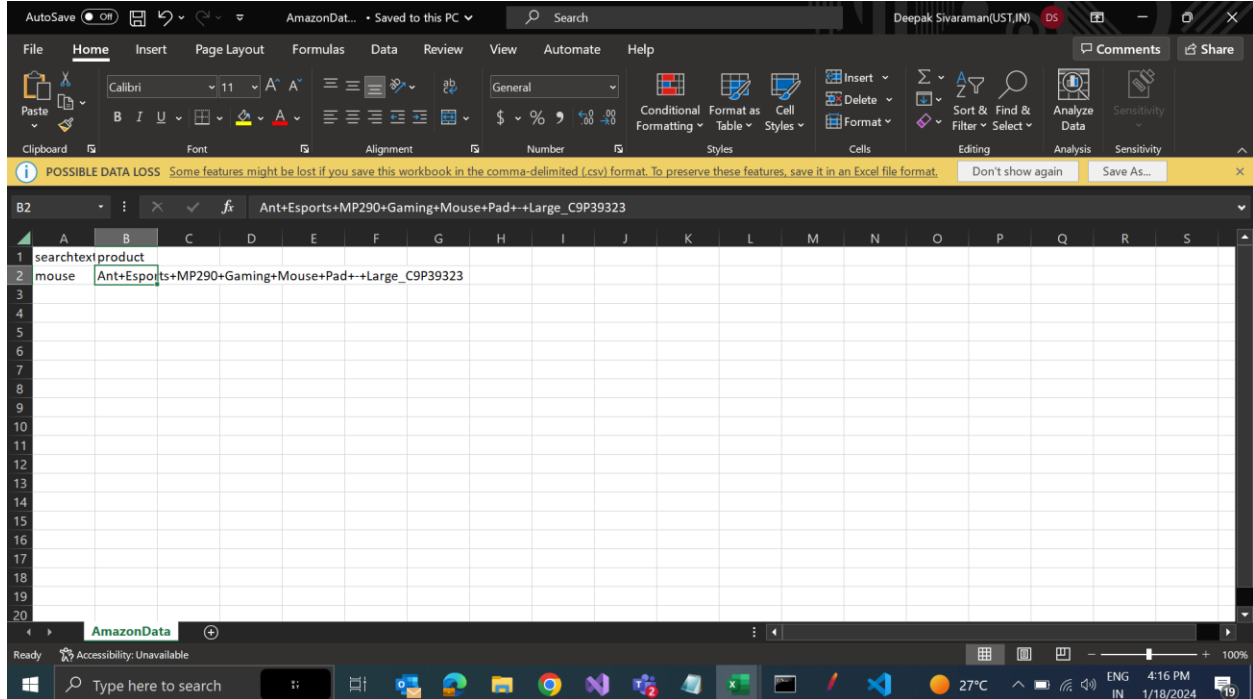
Created HTTP request for homepage



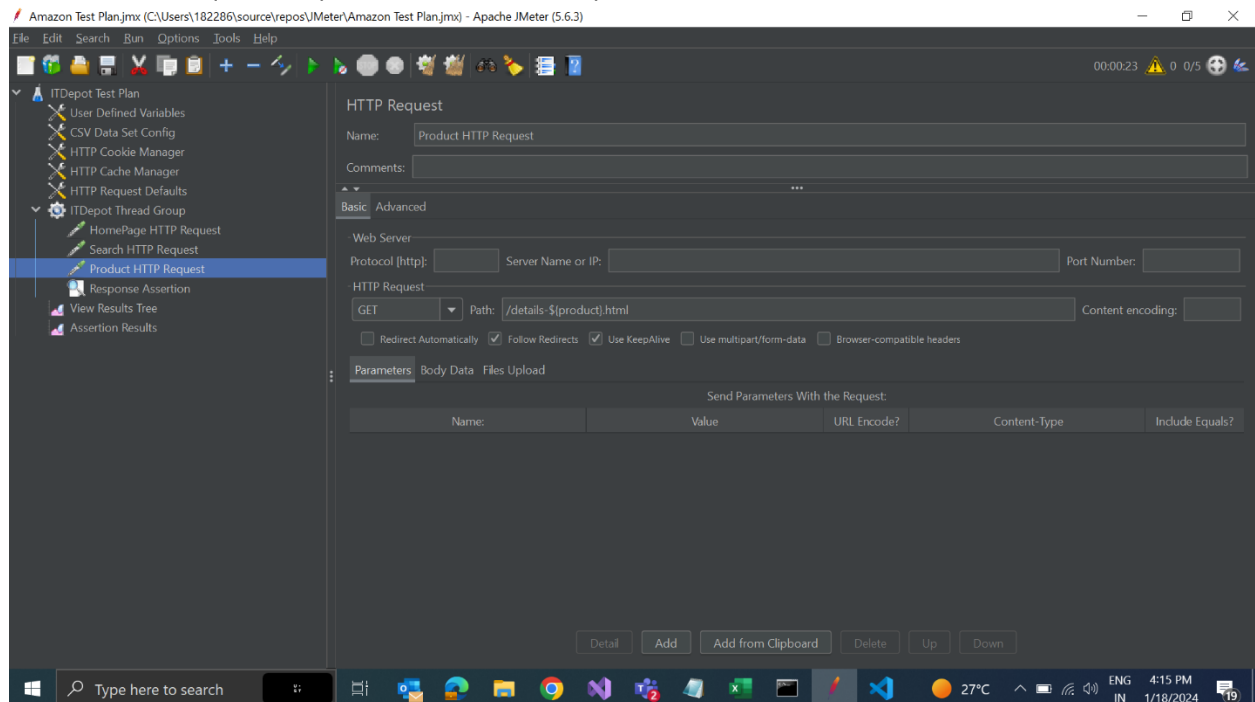
Created HTTP request for search with searchtext passed as parameter



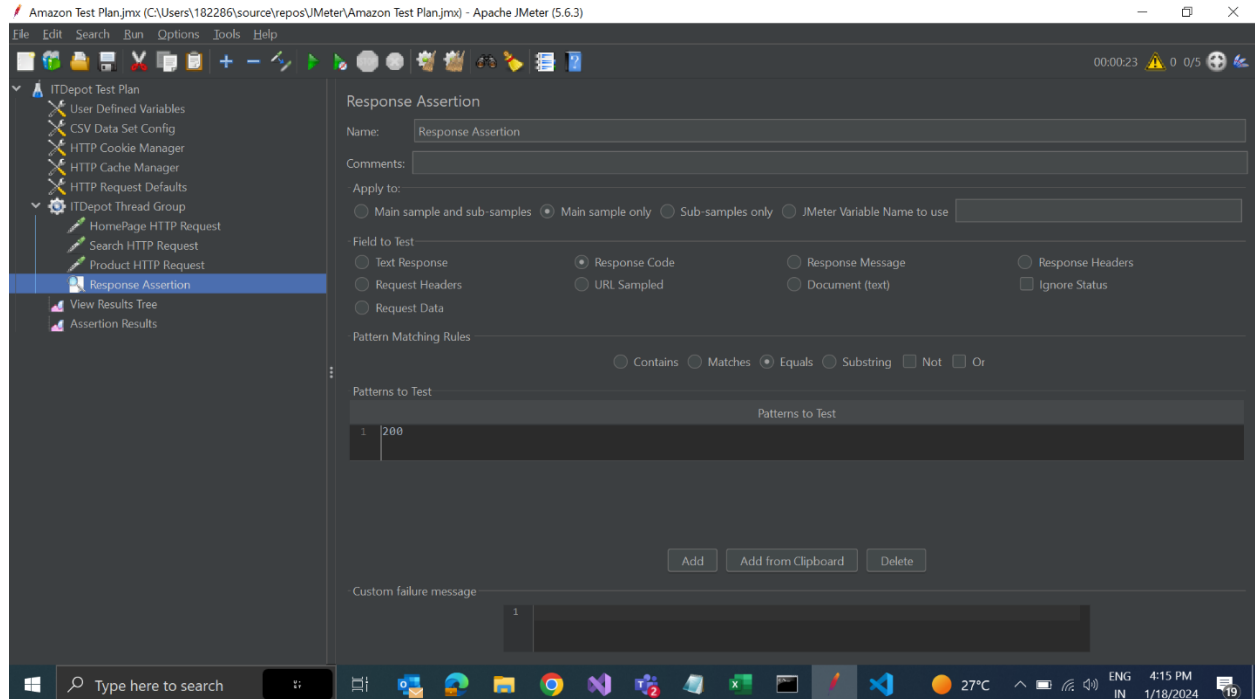
The searchtext is taken from the csv file below



Created HTTP request for product selection with product which is read from the csv file



Added response assertion which checks for response code to be 200



Results tree for viewing the results

Amazon Test Plan.jmx (C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx) - Apache JMeter (5.6.3)

File Edit Search Run Options Tools Help

00:00:23 0 0/5

ITDepot Test Plan

- User Defined Variables
- CSV Data Set Config
- HTTP Cookie Manager
- HTTP Cache Manager
- HTTP Request Defaults
- ITDepot Thread Group
 - HomePage HTTP Request
 - Search HTTP Request
 - Product HTTP Request
 - Response Assertion
 - View Results Tree**
 - Assertion Results

View Results Tree

Name: View Results Tree

Comments:

Write results to file / Read from file

Filename: Browse... Log/Display Only: ☐ Errors ☐ Successes Configure

Search: Case sensitive Regular exp. Search Reset

Text	Sampler result	Request	Response data
HomePage HTTP Request			
Search HTTP Request			
Product HTTP Request			
HomePage HTTP Request			
Search HTTP Request			
Product HTTP Request			
HomePage HTTP Request			
Search HTTP Request			
Product HTTP Request			
HomePage HTTP Request			
Search HTTP Request			
Product HTTP Request			
HomePage HTTP Request			
Search HTTP Request			
Product HTTP Request			
HomePage HTTP Request			
Search HTTP Request			
Product HTTP Request			

Thread Name: ITDepot Thread Group 1-1
Sample Start: 2024-01-18 16:00:00 IST
Load time: 1285
Connect Time: 0
Latency: 1097
Size in bytes: 174837
Sent bytes: 192
Headers size in bytes: 366
Body size in bytes: 174471
Sample Count: 1
Error Count: 0
Data type ("text"/"bin"/""): text
Response code: 200
Response message: OK

HTTPSampleResult fields:
ContentType: text/html; charset=UTF-8
DataEncoding: UTF-8

Type here to search

27°C 4:16 PM 1/18/2024

Assertion results

Amazon Test Plan.jmx (C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx) - Apache JMeter (5.6.3)

File Edit Search Run Options Tools Help

00:00:23 0 0/5

ITDepot Test Plan

- User Defined Variables
- CSV Data Set Config
- HTTP Cookie Manager
- HTTP Cache Manager
- HTTP Request Defaults
- ITDepot Thread Group
 - HomePage HTTP Request
 - Search HTTP Request
 - Product HTTP Request
 - Response Assertion
 - View Results Tree
 - Assertion Results**

Assertion Results

Name: Assertion Results

Comments:

Write results to file / Read from file

Filename: Browse... Log/Display Only: ☐ Errors ☐ Successes Configure

Assertions:

- HomePage HTTP Request
- Search HTTP Request
- Product HTTP Request
- HomePage HTTP Request
- Search HTTP Request
- Product HTTP Request
- HomePage HTTP Request
- Search HTTP Request
- Product HTTP Request
- HomePage HTTP Request
- Search HTTP Request
- Product HTTP Request
- HomePage HTTP Request
- Search HTTP Request
- Product HTTP Request

Type here to search

27°C 4:16 PM 1/18/2024

Using command prompt to run tests without GUI while exporting logs and reports

```
C:\Windows\System32\cmd.exe - jmeter -n -t "C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx" -l "C:\Users\182286\source\repos\JMeter\ITDepotLog
s.csv" -e -o "C:\Users\182286\source\repos\JMeter\ITDepotReport"
Microsoft Windows [Version 10.0.19044.3803]
(c) Microsoft Corporation. All rights reserved.

C:\L1\apache-jmeter-5.6.3\apache-jmeter-5.6.3\bin>jmeter -n -t "C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx" -l "C:\Users\182286\source\repos\JMeter\ITDepotLog
s.csv" -e -o "C:\Users\182286\source\repos\JMeter\ITDepotReport"
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
Creating summariser <summary>
Created the tree successfully using C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx
Starting standalone test @ 2024 Jan 18 16:09:48 IST (1705574388671)
Waiting for possible Shutdown/StopTestNow/HeapDump/ThreadDump message on port 4445
```

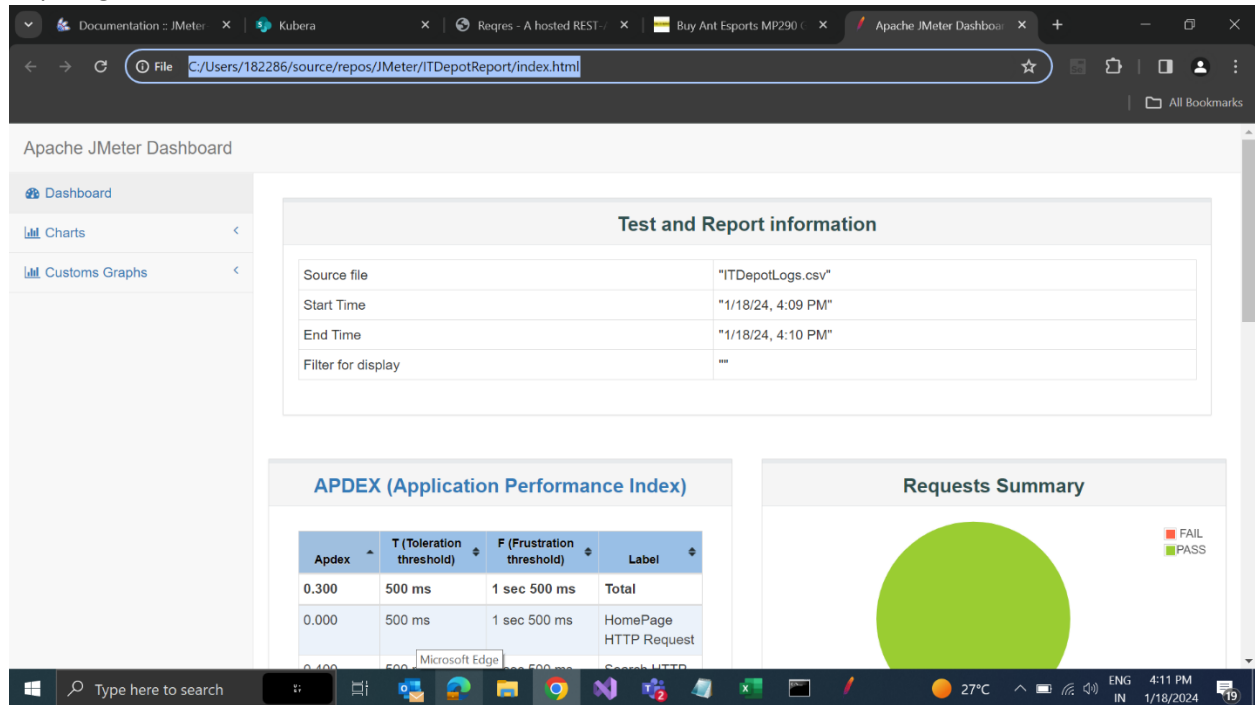
Tests run successfully

```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.3803]
(c) Microsoft Corporation. All rights reserved.

C:\L1\apache-jmeter-5.6.3\apache-jmeter-5.6.3\bin>jmeter -n -t "C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx" -l "C:\Users\182286\source\repos\JMeter\ITDepotLog
s.csv" -e -o "C:\Users\182286\source\repos\JMeter\ITDepotReport"
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
Creating summariser <summary>
Created the tree successfully using C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx
Starting standalone test @ 2024 Jan 18 16:09:48 IST (1705574388671)
Waiting for possible Shutdown/StopTestNow/HeapDump/ThreadDump message on port 4445
summary +      8 in 00:00:41 =      0.2/s Avg: 11978 Min:    799 Max: 31550 Err:    0 (0.00%) Active: 3 Started: 5 Finished: 2
summary +      7 in 00:00:11 =      0.6/s Avg:  9209 Min:   768 Max: 29738 Err:    0 (0.00%) Active: 0 Started: 5 Finished: 5
summary =     15 in 00:00:52 =      0.3/s Avg: 10686 Min:   768 Max: 31550 Err:    0 (0.00%)
Tidying up ...    @ 2024 Jan 18 16:10:40 IST (1705574440940)
... end of run

C:\L1\apache-jmeter-5.6.3\apache-jmeter-5.6.3\bin>
```


Report generated



Editing the title of report in user.properties

The screenshot shows the `user.properties` file in Visual Studio Code. The file contains various configuration properties for JMeter. The property `jmeter.reportgenerator.report_title` is highlighted, showing its current value `IT Depot Test Dashboard`.

```
60 # Reporting configuration
61 #-----
62
63 # Configure this property to change the report title
64 jmeter.reportgenerator.report_title=IT Depot Test Dashboard
65
66 # Used to generate a report based on a date range if needed
67 # Default date format (from SimpleDateFormat Java API and Locale.ENGLISH)
68 # jmeter.reportgenerator.date_format=yyyyMMddHHmmss
69 # Date range start date using date_format property
70 # jmeter.reportgenerator.start_date=
71 # Date range end date using date_format property
72 # jmeter.reportgenerator.end_date=
73
74 # Change this parameter if you want to change the granularity of over time graphs.
75 # Set to 60000 ms by default
76 # jmeter.reportgenerator.overall_granularity=60000
77
78 # Sets the size of the sliding window used by percentile evaluation.
79 # Caution : higher value provides a better accuracy but needs more memory.
80 # jmeter.reportgenerator.statistic_window = 20000
81
82 # Change this parameter if you want to change the granularity of Response time distribution
83 # Set to 100 ms by default
84 # jmeter.reportgenerator.graph.responseTimeDistribution.property.set_granularity=100
85
86 # Change this parameter if you want to keep only some samples.
87 # Regular Expression which Indicates which samples to keep for graphs and statistics generation.
```

Running the test again with different log and folder names

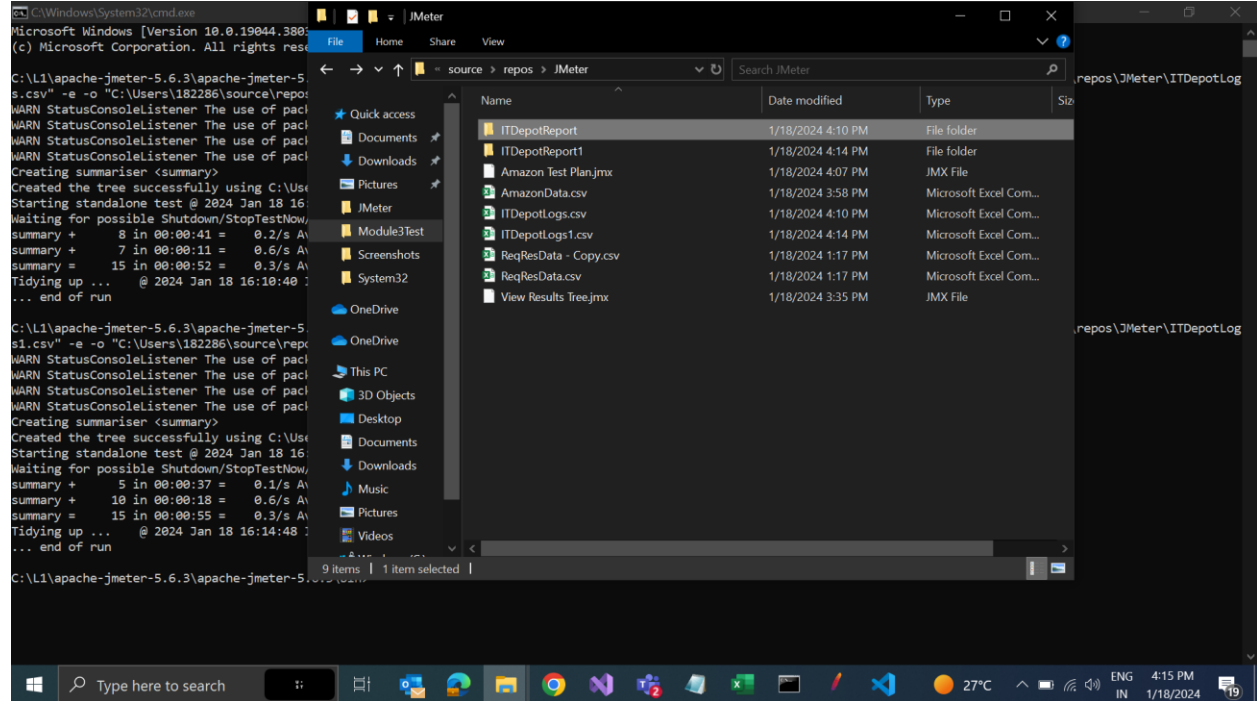
```
C:\Windows\System32\cmd.exe
Microsoft Windows [Version 10.0.19044.3803]
(c) Microsoft Corporation. All rights reserved.

C:\L1\apache-jmeter-5.6.3\apache-jmeter-5.6.3\bin>jmeter -n -t "C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx" -l "C:\Users\182286\source\repos\JMeter\ITDepotLog
s.csv" -e -o "C:\Users\182286\source\repos\JMeter\ITDepotReport"
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
Creating summariser <summary>
Created the tree successfully using C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx
Starting standalone test @ 2024 Jan 18 16:09:48 IST (1705574388671)
Waiting for possible Shutdown/StopTestNow/HeapDump/ThreadDump message on port 4445
summary + 8 in 00:00:41 = 0.2/s Avg: 11978 Min: 799 Max: 31550 Err: 0 (0.00%) Active: 3 Started: 5 Finished: 2
summary + 7 in 00:00:11 = 0.6/s Avg: 9209 Min: 768 Max: 29738 Err: 0 (0.00%) Active: 0 Started: 5 Finished: 5
summary = 15 in 00:00:52 = 0.3/s Avg: 10686 Min: 768 Max: 31550 Err: 0 (0.00%)
Tidying up ... @ 2024 Jan 18 16:10:40 IST (1705574440940)
... end of run

C:\L1\apache-jmeter-5.6.3\apache-jmeter-5.6.3\bin>jmeter -n -t "C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx" -l "C:\Users\182286\source\repos\JMeter\ITDepotLog
s1.csv" -e -o "C:\Users\182286\source\repos\JMeter\ITDepotReport1"
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
WARN StatusConsoleListener The use of package scanning to locate plugins is deprecated and will be removed in a future release
Creating summariser <summary>
Created the tree successfully using C:\Users\182286\source\repos\JMeter\Amazon Test Plan.jmx
Starting standalone test @ 2024 Jan 18 16:13:52 IST (1705574632867)
Waiting for possible Shutdown/StopTestNow/HeapDump/ThreadDump message on port 4445
summary + 5 in 00:00:37 = 0.1/s Avg: 12969 Min: 876 Max: 30960 Err: 0 (0.00%) Active: 4 Started: 5 Finished: 1
summary + 10 in 00:00:18 = 0.6/s Avg: 11310 Min: 751 Max: 37250 Err: 0 (0.00%) Active: 0 Started: 5 Finished: 5
summary = 15 in 00:00:55 = 0.3/s Avg: 11863 Min: 751 Max: 37250 Err: 0 (0.00%)
Tidying up ... @ 2024 Jan 18 16:14:48 IST (1705574688334)
... end of run

C:\L1\apache-jmeter-5.6.3\apache-jmeter-5.6.3\bin>
```

New folder and log file created



Title updated as expected

IT Depot Test Dashboard

Dashboard

Charts

Customs Graphs

Test and Report information

Source file

Start Time

End Time

Filter for display

"ITDepotLogs1.csv"

"1/18/24, 4:13 PM"

"1/18/24, 4:14 PM"

"

APDEX (Application Performance Index)

Apdex	T (Toleration threshold)	F (Frustration threshold)	Label
0.333	500 ms	1 sec 500 ms	Total
0.000	500 ms	1 sec 500 ms	HomePage HTTP Request

Requests Summary

FAIL

PASS

Type here to search

27°C

4:15 PM

1/18/2024