



School of Information Technology and Engineering

FALL SEMESTER 2022-23

PROJECT TITLE

SUPER MARKET BILLING SYSTEM

SUBMITTED BY-

NAME	REGISTRATION NUMBER
NISHI SINHA	20MIS0366
ANAGHA SYGHAL	20MIS0369
POORNIMA	20MIS0378
ARYAN VERMA	20MIS0389

COURSE CODE: SWE2005

COURSE TITLE: SOFTWARE TESTING

SLOT: E1+TE1

FACULTY: PROF. GITANJALI J

REVIEW 1

ABSTRACT

In today's fast paced society, it's very hard to be competitive without using cutting edge technology available in market. After years of business, the data has grown much. It is becoming a challenge for person to manage that data in an effective way. To be more productive in order processing, he needs a solution which can facilitate their current processes with use of technology and software. With increased number of orders, it is becoming difficult for salesperson to manage orders in effective and efficient manner. It is very hard to go through all paper work and backtracking orders. If there is any complain or review of any order, it takes large amount of effort and time to backtrack and fix the problem. This results in loss of resources, increased time, and low output.

PROBLEM STATEMENT

Drawbacks of Manual System (Current System):

Time consuming: Getting the required information from the available data takes a lot of time. Changing, editing and updating the information contained in several files are a slow and time consuming process.

Poor communication: A manual system requires employees and managers to write down each time an item is removed from the inventory. If one employee forgets to mention that the last coffee product has been removed from the inventory the admin or manager expects the item to still available for a customers during sale.

Need of Effort: In manual system, an Item's record is maintained in separate files so it takes much effort to collect data from several Stores for and if we want to change or delete the data of any transaction then it has to be changed or deleted from all the files and places it stored.

Needs Large Space: In manual work done data item has to be stored at several places, similarly student's record is maintained in separate registers. It requires more storage space.

TESTING STRATEGY

TESTING OBJECTIVES

- The developed project will be user friendly.
- ‘Supermarket Billing’ will reduce paper work in the supermarket store.
- “Billing System” is computerized system therefore it can handle very large
- Retail Supermarket Billing System can automatically calculate large calculation while billing.
- Retail Supermarket Billing System saves customer and system users time in billing queue.
- Retail Supermarket Billing System improve user efficiency, now they can handle large number of customer.

TESTING TOOL

Tool used : Selenium

The open source tool used for our project is “Selenium”. Selenium can be easily deployed on platforms such as Windows, Linux, Solaris and Macintosh. Moreover, it supports OS (Operating System) for mobile applications like iOS, windows mobile and android.

Selenium supports a variety of programming languages through the use of drivers specific to each language. Languages supported by Selenium include C#, Java, Perl, PHP, Python and Ruby. Currently, Selenium Web driver is most popular with Java and C#. Selenium test scripts can be coded in any of the supported programming languages and can be run directly in most modern web browsers. Browsers supported by Selenium include Internet Explorer, Mozilla Firefox, Google Chrome and Safari.

DESIGN POSITIVE TEST SCENARIOS AND NEGATIVE TEST SCENARIOS TO TEST THE FUNCTIONALITY OF THE SYSTEM

Test scenario ID	Test scenario description	Positive/negative
TS_01	Validate if admin has given valid credentials to login.	Positive
TS_02	Validate if admin login got rejected due to invalid details.	Negative
TS_03	Validate if cashier has given valid credentials to login.	Positive
TS_04	Validate if cashier login got rejected due to invalid details.	Negative
TS_05	Validate if the bill number is entered correctly.	Positive
TS_06	Validate if the bill was not found due to wrong bill number.	Negative
TS_07	Validate if the cashier has been added.	Positive
TS_08	Validate if the cashier was not added due to invalid details.	Negative
TS_09	Validate if product details are visible valid details given.	Positive
TS_10	Validate if product details are not visible no details/wrong details.	Negative
TS_11	Validate if the stock is updated valid details given.	Positive
TS_12	Validate if the stock was not updated due to invalid details.	Negative

MANUAL TEST CASES

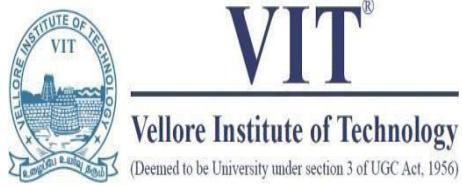
Test case ID	Username	Login type	Password	Expected output	Actual output
1	admin	Admin	admin	Login successful	Login successful
2	Ajay	Admin	@3gsja	Wrong password	Login
3	Harish	Cashier	12344566	Enter valid username	Login
4	Naveen	Admin	naveen	Wrong password	Login
5	Shreya	Cashier	Shreya123	Wrong password	Login
6	Tejasree	Admin	4563738	Enter valid username	Login
7	%2563gjsjdi	Cashier	abcdef	Enter valid username	Login
8		Admin	12345	Username cannot be empty	Login failed
9		Cashier	12345	Username cannot be empty	Login failed
10	#####	Admin	56772	Enter valid username	Login

TESTING METHOD :

BLACK BOX TESTING

Black box tests are used to detect software errors caused by external factors. Using this testing approach, the software applications are tested from the perspective of the end-user,

which involves testers to test the user interface of a digital product.



J component project
report On

SUPER MARKET BILLING SYSTEM

to be submitted in partial fulfilling of the requirements for the course on

SOFTWARE TESTING

SWE2005 (E1+TE1)

Faculty- Prof. Gitanjali J

By

Nishi Sinha 20MIS0366

Anagha Syghal 20MIS0369

Poornima 20MIS0378

Aryan Verma 20MIS0389

WE HAVE TAKEN EXISTING SYSTEM “JIOMART”

WEBSITE LINK-www.jiomart.com

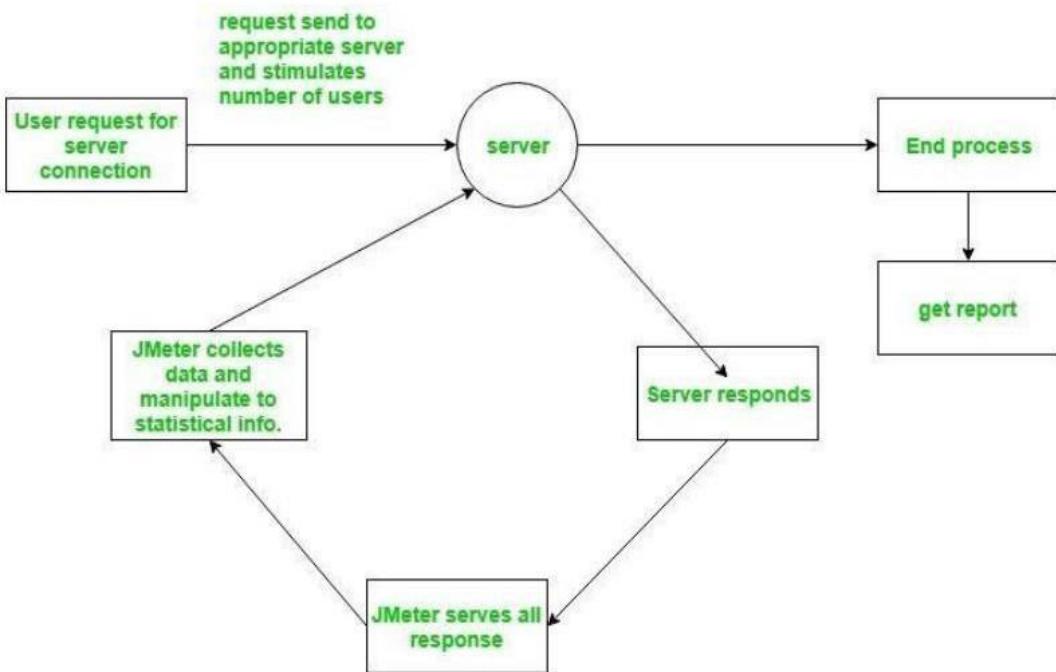
TOOL USED-JMETER

JMeter is not a browser, it works at protocol level. As far as webservices and remote services are concerned, JMeter looks like a browser (or rather, multiple browsers), however JMeter does not perform all the actions supported by browsers. In particular, JMeter does not execute the JavaScript found in HTML pages. Nor does it render the HTML pages as a browser does (it's possible to view the response as HTML etc., but the timings are not included in any samples, and only one sample in one thread is ever displayed at a time).

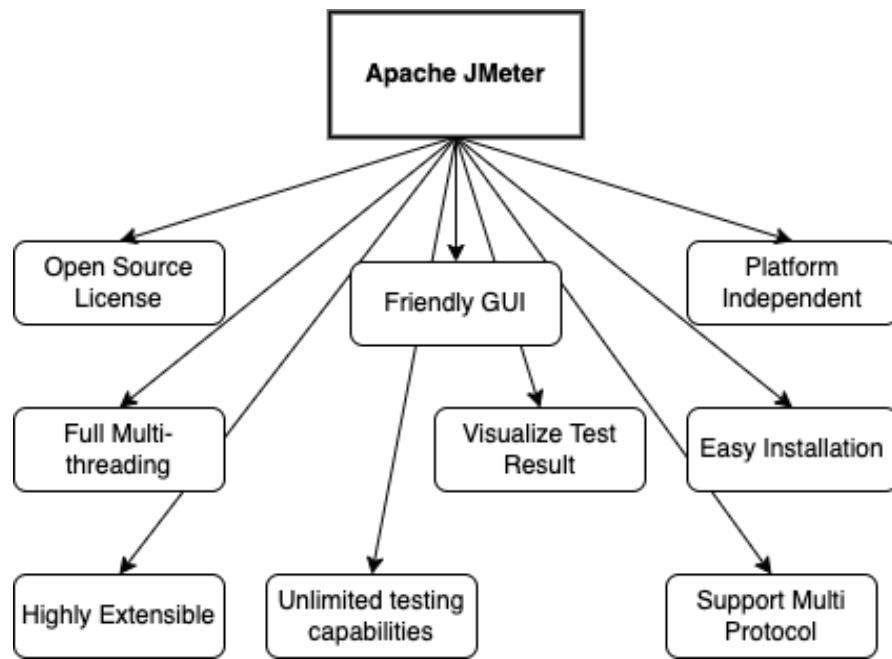
- Using JMeter to understand how to use it
- Component reference to have detailed information for every Test element
- Functions reference to have detailed information and examples for every function
- Properties reference for all properties that allow you to customize JMeter
- Javadoc API documentation
- JMeter FAQ (Wiki)
- JMeter Wiki
- Building JMeter and Add-Ons for advanced usage

WORKING OF JMETER

JMeter simulates a group of users and sends request to a target server. And hence, returns statistics which shows the functionality/ performance of the target server.



ADVANTAGES OF JMETER



Open source license: JMeter is totally free, allows developer use the source code for the development

Friendly GUI : JMeter is extremely easy to use and doesn't take time to get familiar with it.

Platform independent : JMeter is 100% pure Java desktop application. So it can run on multiple platforms.

Full multithreading framework : JMeter allows concurrent and simultaneous sampling of different functions by a separate thread group.

Visualize Test Result : Test result can be displayed in a different format such as chart, table, tree and log file

Easy installation : You just copy and run the *.bat file to run JMeter. No installation needed.

Highly Extensible : You can write your own tests. JMeter also supports

visualization plugins allow you to extend your testing

Multiple testing strategy : JMeter supports many testing strategies such as Load Testing, Distributed Testing, and Functional Testing.

Simulation : JMeter can simulate multiple users with concurrent threads, create a heavy load against web application under test

Support multi-protocol : JMeter does not only support web application testing but also evaluate database server performance. All basic protocols such as HTTP, JDBC, LDAP, SOAP, JMS, and FTP are supported by JMeter.

Record & Playback : Record the user activity on the browser and simulate them in a web application using JMeter

Script Test : Jmeter can be integrated with Bean Shell & Selenium for automated testing.

Disadvantages of JMETER :

1. Automation is difficult with JMeter

- 2.JMeter output reports are difficult to understand without training
- 3.It doesn't support JavaScript and AJAX requests.
- 4.Complex applications that use dynamic content or use JS to alter requests can be difficult to test using JMeter.
- 5.It's difficult to get data from one place or to perform customizations.

VERSION :

5.4 2020-12-04 java 8+

PLATFORM :

The Apache JMeter™ application is open source software, a 100% pure Java application designed to load test functional behavior and measure performance. It was originally designed for testing Web Applications but has since expanded to other test functions.

OS :

Operating system Support for JMeter is a pure Java application and should run correctly on any system that has a compatible Java implementation.

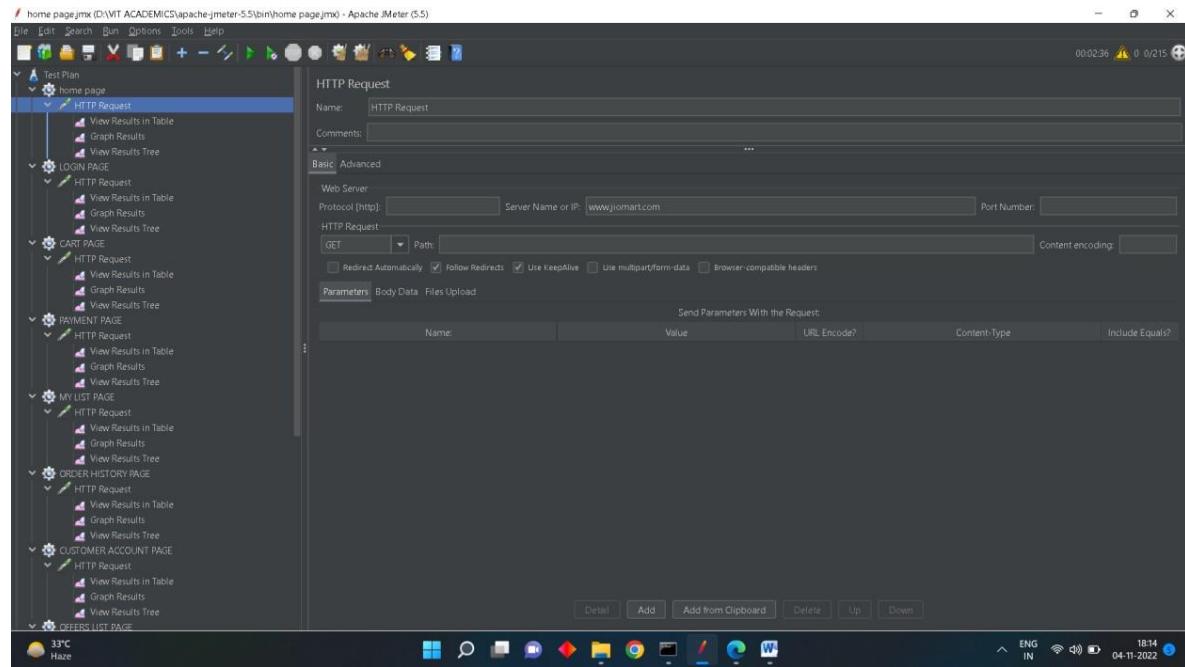
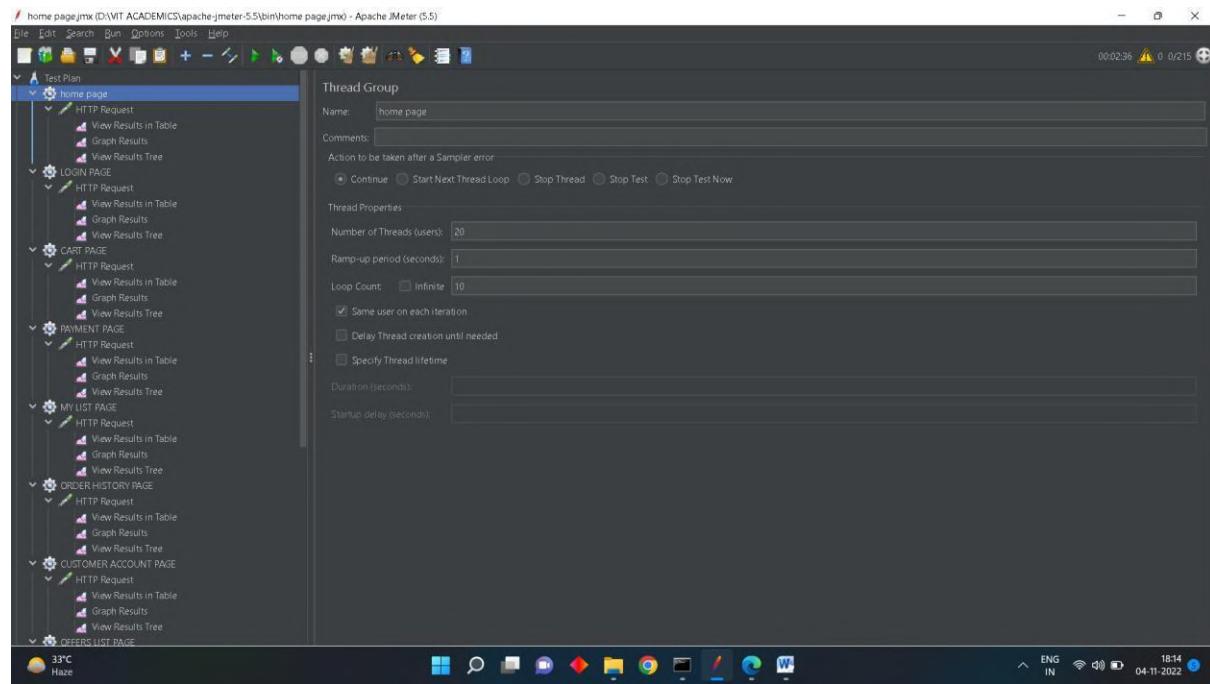
WHY JMETER OVER SELENIUM-

Jmeter and selenium both are used for web application testing. But since we have to test the performance of the web application JMeter is preferable used as it is used to test the performance of the application under load and stress.

Selenium is best suited for automation and cross browser testing of a website

LOAD TESTING

HOME PAGE



home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

View Results in Table

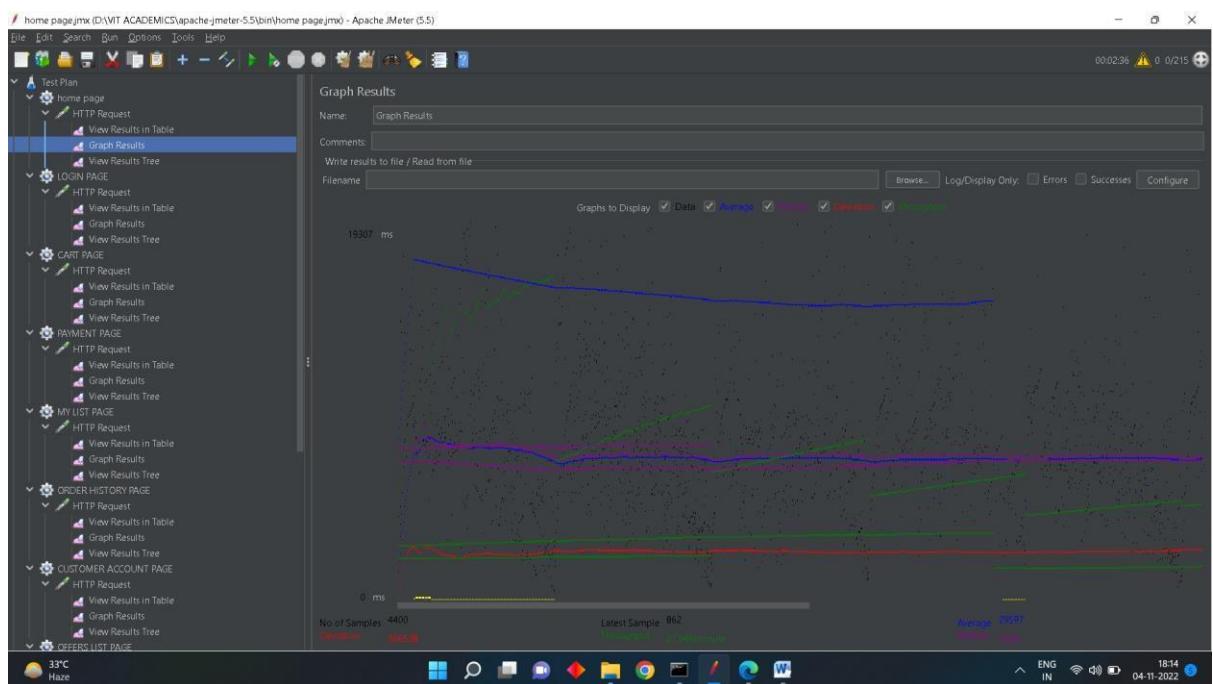
Name: View Results in Table
Comments:
Write results to file / Read from file
Filename:

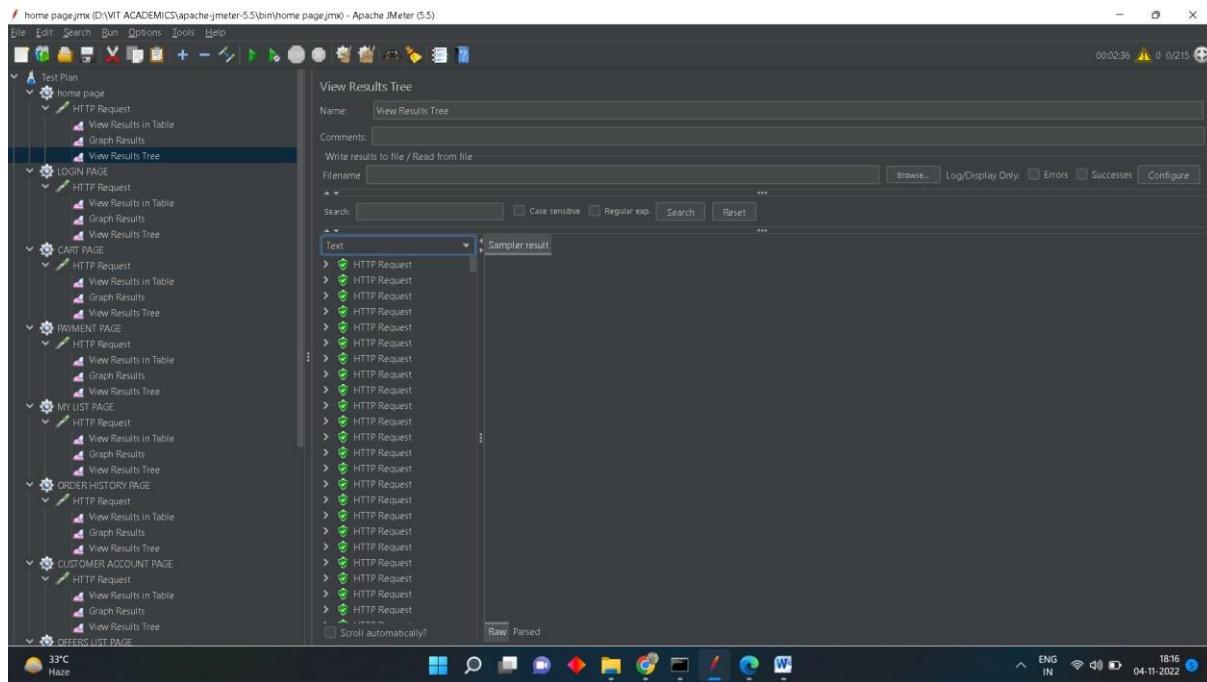
Sample #	Start Time	Thread Name	Label	SampleTime(ms)	Status	Bytes	Sent Bytes	Latency	ConnectTime(ms)
1	10:18:18.807	home page 1-1	HTTP Request	1225	✓	205629	234	136	39
7	10:18:20.034	home page 1-1	HTTP Request	7284	✓	205629	234	2954	0
20	10:18:27.319	home page 1-1	HTTP Request	6170	✓	205629	234	1764	0
34	10:18:33.489	home page 1-1	HTTP Request	5352	✓	205629	234	1557	0
54	10:18:38.841	home page 1-1	HTTP Request	9266	✓	205629	234	2155	0
70	10:18:48.107	home page 1-1	HTTP Request	5371	✓	205629	234	2338	0
88	10:18:53.474	home page 1-1	HTTP Request	7604	✓	205629	234	540	0
97	10:19:01.081	home page 1-1	HTTP Request	5000	✓	205629	234	519	0
112	10:19:06.081	home page 1-1	HTTP Request	5282	✓	205629	234	1037	0
127	10:19:11.363	home page 1-1	HTTP Request	4732	✓	205629	234	1280	0
201	10:19:52.778	home page 1-1	HTTP Request	1805	✓	205629	234	94	31
211	10:19:54.583	home page 1-1	HTTP Request	7339	✓	205629	234	659	0
234	10:20:01.922	home page 1-1	HTTP Request	9051	✓	205629	234	1580	0
247	10:20:10.973	home page 1-1	HTTP Request	6986	✓	205629	234	358	0
264	10:20:17.959	home page 1-1	HTTP Request	6779	✓	205629	234	894	0
293	10:20:24.739	home page 1-1	HTTP Request	10025	✓	205629	234	1142	0
318	10:20:34.763	home page 1-1	HTTP Request	8438	✓	205629	234	1637	0
337	10:20:43.202	home page 1-1	HTTP Request	5866	✓	205629	234	530	0
352	10:20:49.069	home page 1-1	HTTP Request	7153	✓	205629	234	598	0
379	10:20:56.221	home page 1-1	HTTP Request	4951	✓	205629	234	1479	799
401	10:22:54.483	home page 1-1	HTTP Request	1759	✓	205629	234	130	67
412	10:22:58.242	home page 1-1	HTTP Request	6870	✓	205629	234	769	0
425	10:23:03.111	home page 1-1	HTTP Request	6507	✓	205629	234	1629	0
442	10:23:09.611	home page 1-1	HTTP Request	4412	✓	205629	234	2136	0
465	10:23:14.031	home page 1-1	HTTP Request	8275	✓	205629	234	2033	n

Scrolled automatically? Child samples? No of Samples: 4600 Latest Sample: 862 Average: 2803 Duration: 20000

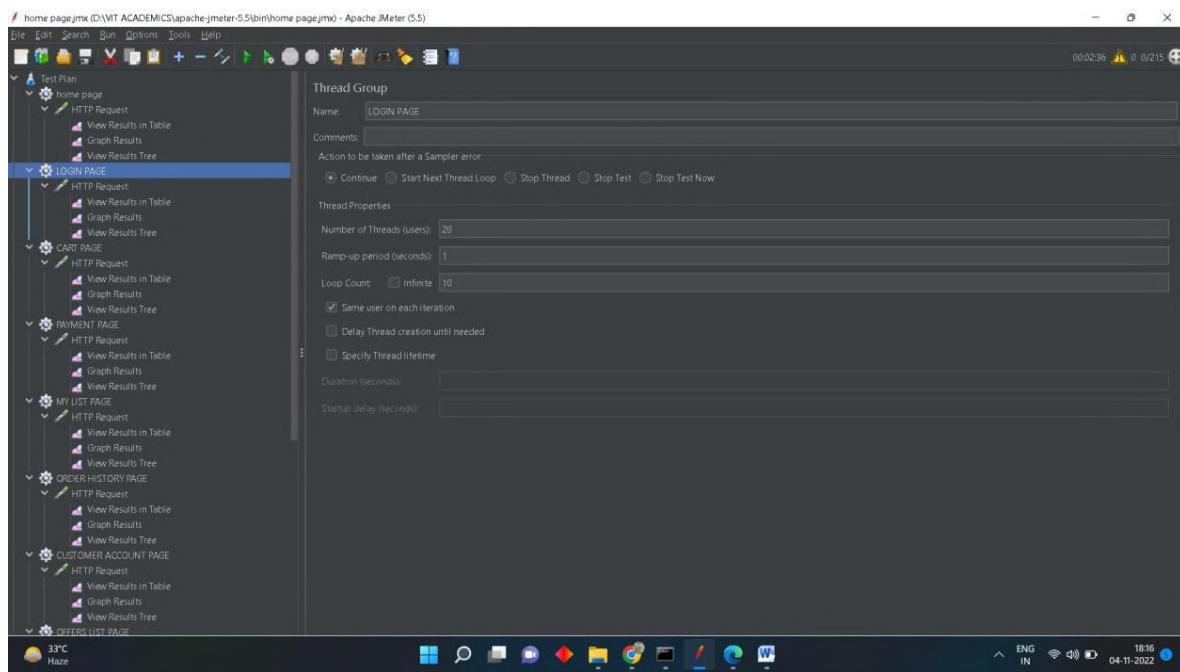
33°C Haze

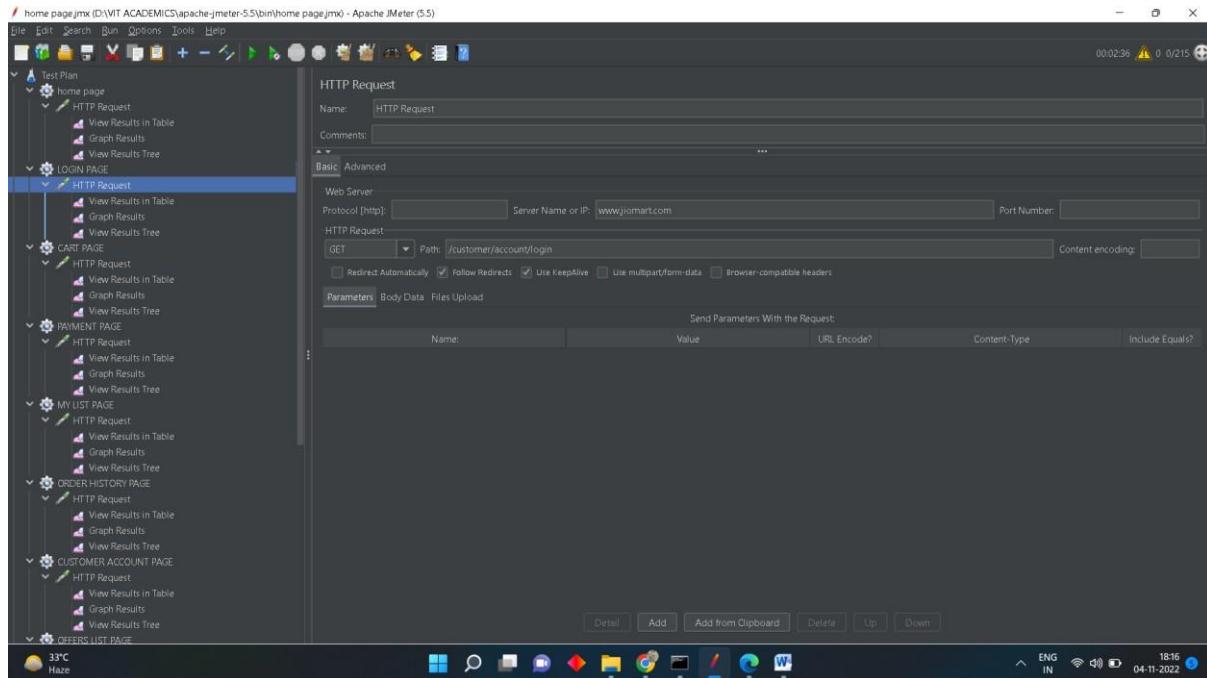
ENG IN 18:14 04-11-2022





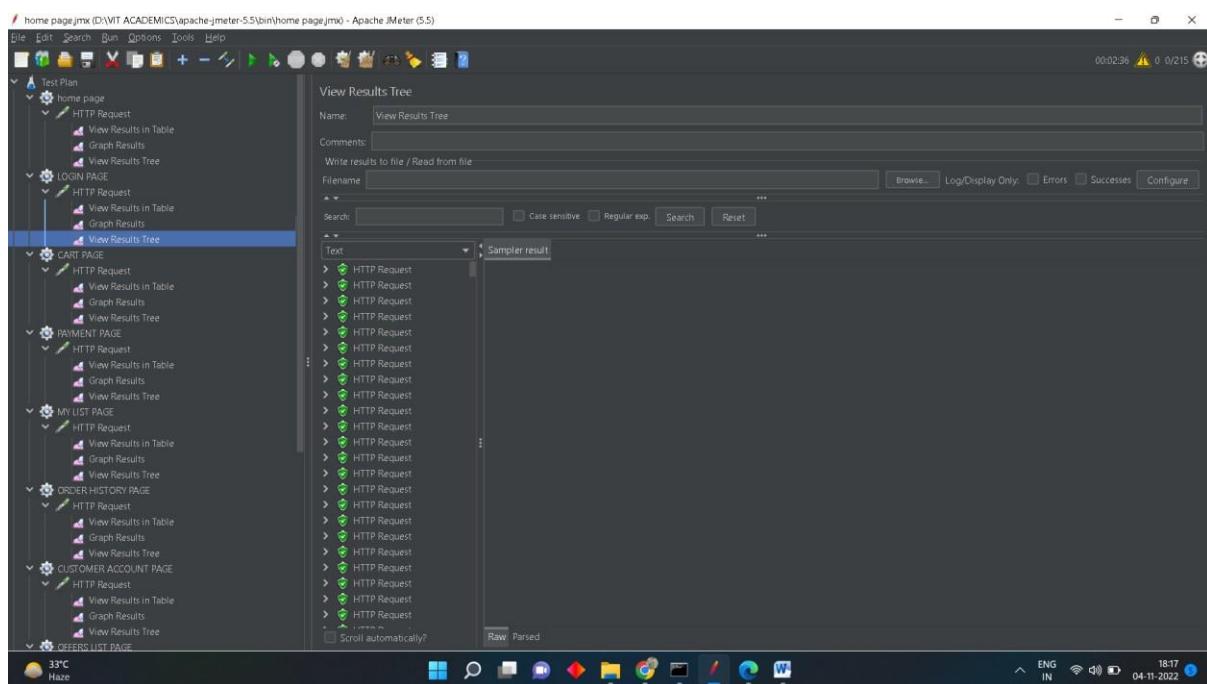
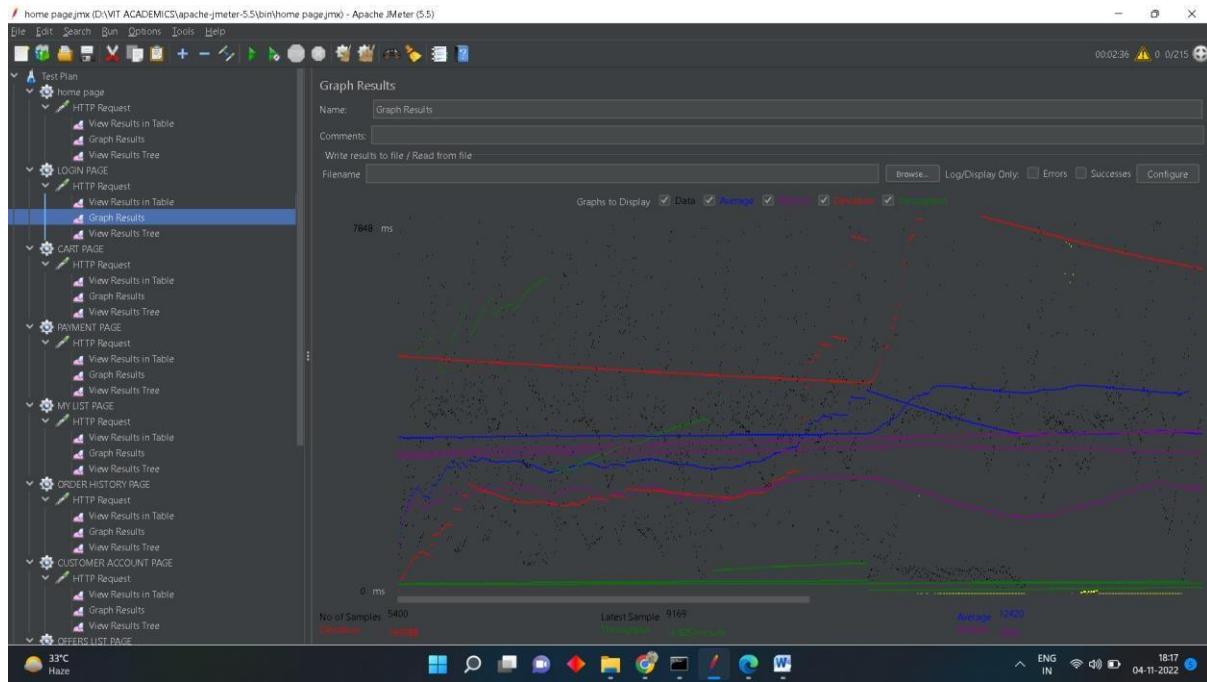
LOGIN PAGE



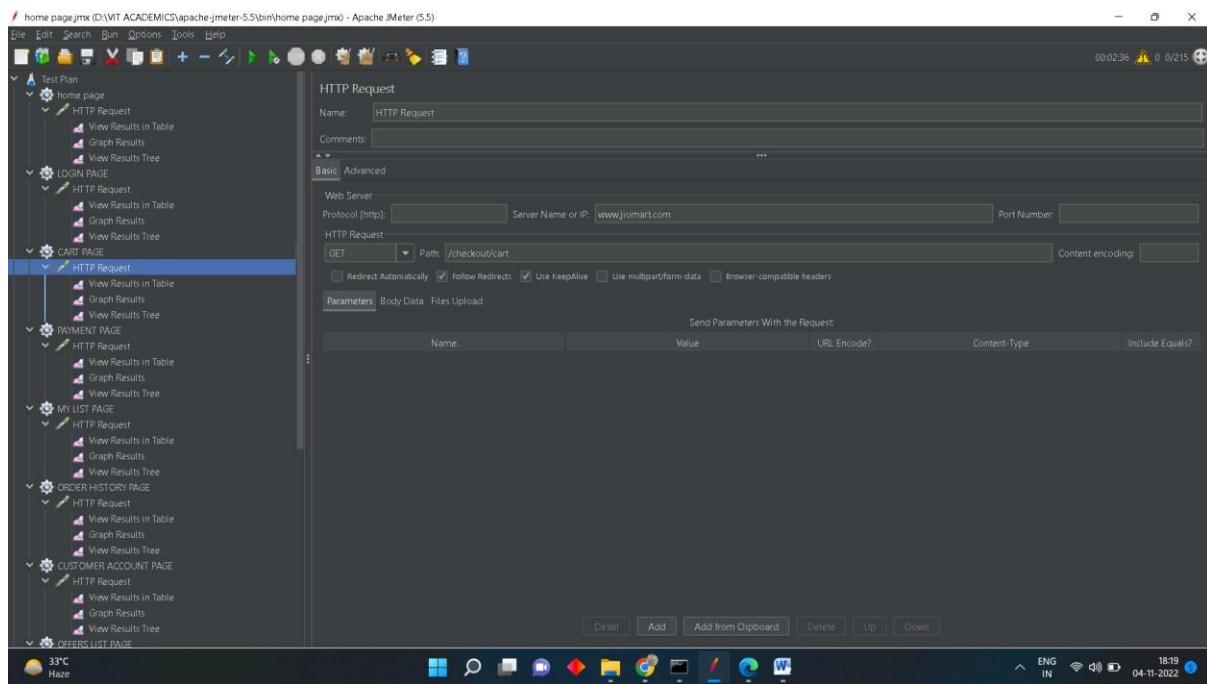
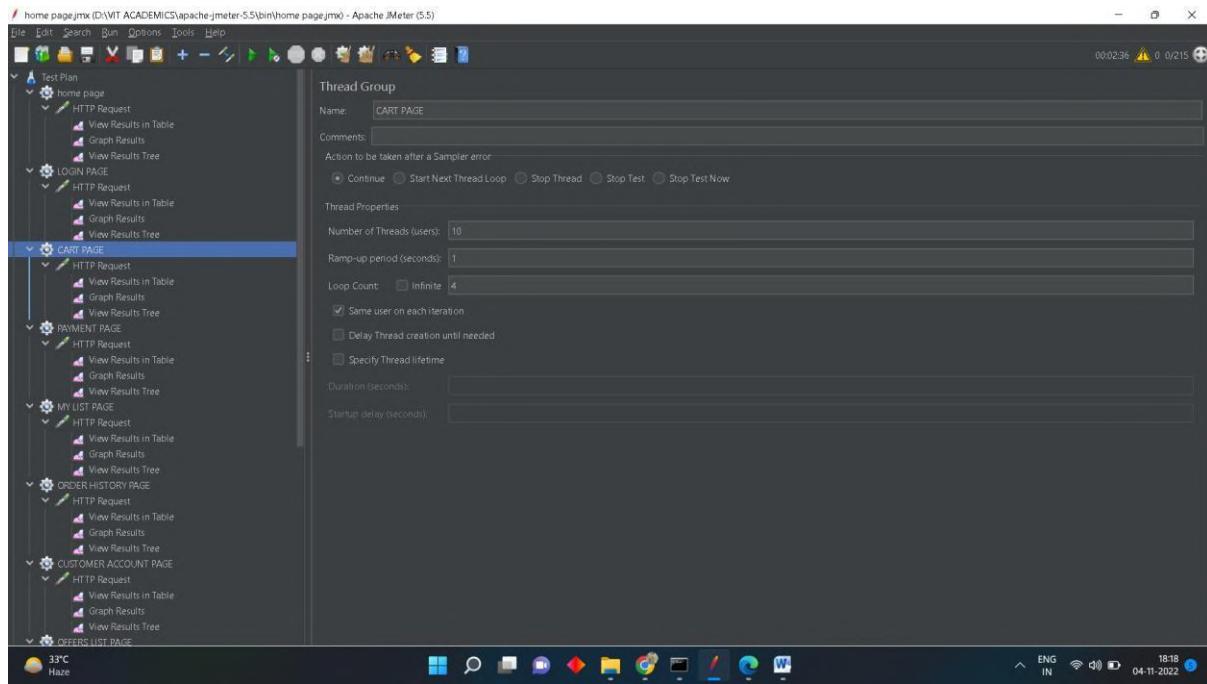


The screenshot shows the Apache JMeter 5.5 interface with the 'View Results in Table' dialog open. The left pane shows the same Test Plan structure as the previous screenshot. The 'View Results in Table' dialog has a 'Name' field set to 'ViewResults in Table' and a 'Comments' field. It includes options to 'Write results to file / Read from file' and a 'Filename' input field. Below these are buttons for 'Browse...', 'Log/Display Only', 'Errors', 'Successes', and 'Configure'. The main area displays a table of 5600 samples with columns: Sample #, Start Time, Thread Name, Label, Sample Time(ms), Status, Bytes, Sent Bytes, Latency, and Connect Time(ms). The table lists various requests from 'LOGIN PAGE' and 'HOME PAGE' with their respective details. At the bottom of the table, there are checkboxes for 'Scroll automatically?' and 'Child samples?', and summary statistics: No of Samples: 5600, Latest Sample: 9169, Average: 12071, and Standard Deviation: 146709. The status column contains green checkmarks for most samples, indicating successful execution.

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	08:24:45.503	LOGIN PAGE 2-2	HTTP Request	2827	✓	5135	278	723	220
2	08:24:45.451	LOGIN PAGE 2-1	HTTP Request	2904	✓	5135	278	618	267
3	08:24:45.554	LOGIN PAGE 2-3	HTTP Request	2876	✓	5135	278	735	165
4	08:24:45.605	LOGIN PAGE 2-4	HTTP Request	3374	✓	5135	278	698	134
5	08:24:45.710	LOGIN PAGE 2-6	HTTP Request	3350	✓	5135	279	881	134
6	08:24:45.660	LOGIN PAGE 2-5	HTTP Request	3415	✓	5135	278	776	139
7	08:24:45.759	LOGIN PAGE 2-7	HTTP Request	4962	✓	5135	278	1063	141
8	08:24:48.430	LOGIN PAGE 2-3	HTTP Request	2738	✓	5135	278	1894	0
9	08:24:46.012	LOGIN PAGE 2-12	HTTP Request	5670	✓	5135	278	1794	135
10	08:24:48.979	LOGIN PAGE 2-4	HTTP Request	3013	✓	5135	278	2167	0
11	08:24:48.165	LOGIN PAGE 2-15	HTTP Request	5869	✓	5135	278	2020	134
12	08:24:48.355	LOGIN PAGE 2-1	HTTP Request	3693	✓	5135	278	2104	0
13	08:24:48.331	LOGIN PAGE 2-2	HTTP Request	4191	✓	5135	279	1658	0
14	08:24:49.060	LOGIN PAGE 2-6	HTTP Request	3607	✓	5135	279	1859	0
15	08:24:45.913	LOGIN PAGE 2-10	HTTP Request	6805	✓	5135	278	1447	150
16	08:24:46.112	LOGIN PAGE 2-14	HTTP Request	6756	✓	5135	278	1867	144
17	08:24:45.963	LOGIN PAGE 2-11	HTTP Request	7572	✓	5135	278	1605	131
18	08:24:45.812	LOGIN PAGE 2-8	HTTP Request	7808	✓	5135	278	1485	132
19	08:24:51.167	LOGIN PAGE 2-3	HTTP Request	2537	✓	5135	278	1696	0
20	08:24:45.864	LOGIN PAGE 2-9	HTTP Request	7849	✓	5135	278	1536	123
21	08:24:49.078	LOGIN PAGE 2-5	HTTP Request	4713	✓	5135	278	1570	0
22	08:24:52.047	LOGIN PAGE 2-1	HTTP Request	1810	✓	5135	278	970	0
23	08:24:50.621	LOGIN PAGE 2-7	HTTP Request	3562	✓	5135	279	957	0
24	08:24:46.412	LOGIN PAGE 2-20	HTTP Request	7899	✓	5135	278	2160	134
25	08:24:43.717	LOGIN PAGE 2-11	HTTP Request	1612	✓	5135	278	988	134



CAR PAGE



home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

Filename:

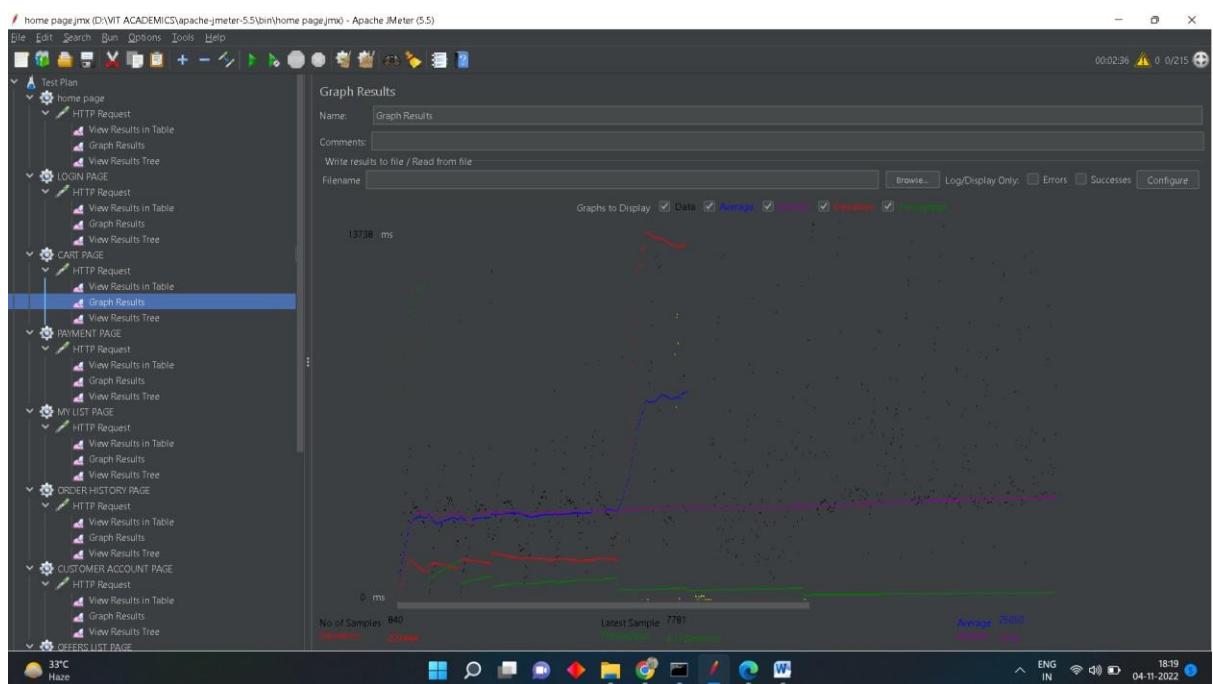
Browse... Log/Display Only, Errors, Successes, Configure

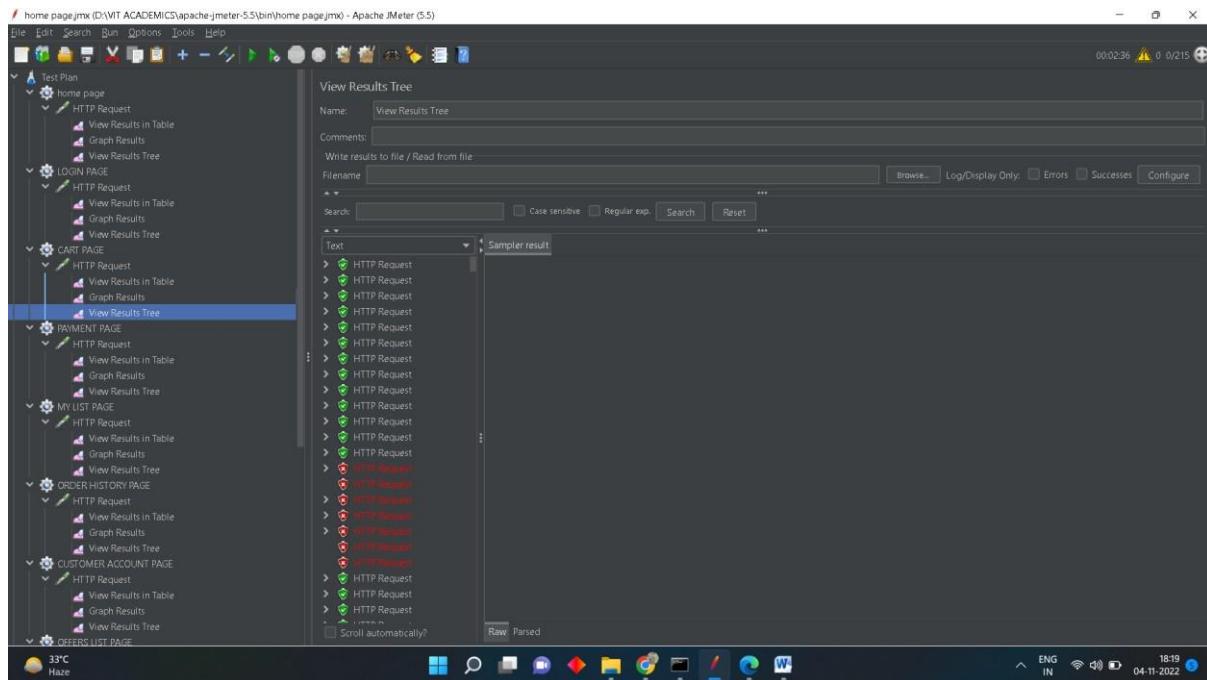
Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	10:19:52.783	Thread Group 3-1	HTTP Request	273	✓	5126	260	54	30
2	10:19:53.056	Thread Group 3-1	HTTP Request	399	✓	5126	260	156	0
3	10:19:53.884	Thread Group 3-2	HTTP Request	750	✓	5126	260	140	36
4	10:19:53.455	Thread Group 3-1	HTTP Request	899	✓	5126	260	426	0
5	10:19:53.984	Thread Group 3-3	HTTP Request	1402	✓	5126	260	239	35
6	10:19:53.634	Thread Group 3-2	HTTP Request	991	✓	5126	260	450	0
7	10:19:53.084	Thread Group 3-4	HTTP Request	2176	✓	5126	260	551	218
8	10:19:53.181	Thread Group 3-5	HTTP Request	2651	✓	5126	260	676	231
9	10:19:54.354	Thread Group 3-1	HTTP Request	1535	✓	5126	260	686	0
10	10:19:54.386	Thread Group 3-3	HTTP Request	1586	✓	5126	260	675	0
11	10:19:53.283	Thread Group 3-6	HTTP Request	2878	✓	5126	260	697	245
12	10:19:54.625	Thread Group 3-2	HTTP Request	1815	✓	5126	260	643	0
13	10:19:53.383	Thread Group 3-7	HTTP Request	3674	✓	5126	260	862	389
14	10:19:53.484	Thread Group 3-8	HTTP Request	4068	✓	5126	260	921	417
15	10:19:53.584	Thread Group 3-9	HTTP Request	4357	✓	5126	260	973	424
16	10:19:55.264	Thread Group 3-4	HTTP Request	2884	✓	5126	260	1169	0
17	10:19:53.688	Thread Group 3-10	HTTP Request	4801	✓	5126	260	1022	456
18	10:19:55.834	Thread Group 3-5	HTTP Request	3287	✓	5126	260	1556	0
19	10:19:55.973	Thread Group 3-3	HTTP Request	3301	✓	5126	260	1553	0
20	10:19:56.161	Thread Group 3-6	HTTP Request	3398	✓	5126	260	1603	0
21	10:19:56.440	Thread Group 3-2	HTTP Request	3569	✓	5126	260	1724	0
22	10:19:57.058	Thread Group 3-7	HTTP Request	3522	✓	5126	260	1771	0
23	10:19:57.555	Thread Group 3-8	HTTP Request	3644	✓	5126	260	1746	0
24	10:19:57.943	Thread Group 3-9	HTTP Request	3703	✓	5126	260	1840	0
25	10:19:58.146	Thread Group 3-4	HTTP Request	3726	✓	5126	260	1838	0

Scroll automatically? Child samples? No of Samples: 880 Latest Sample: 7781 Average: 26339 Standard Deviation: 22094

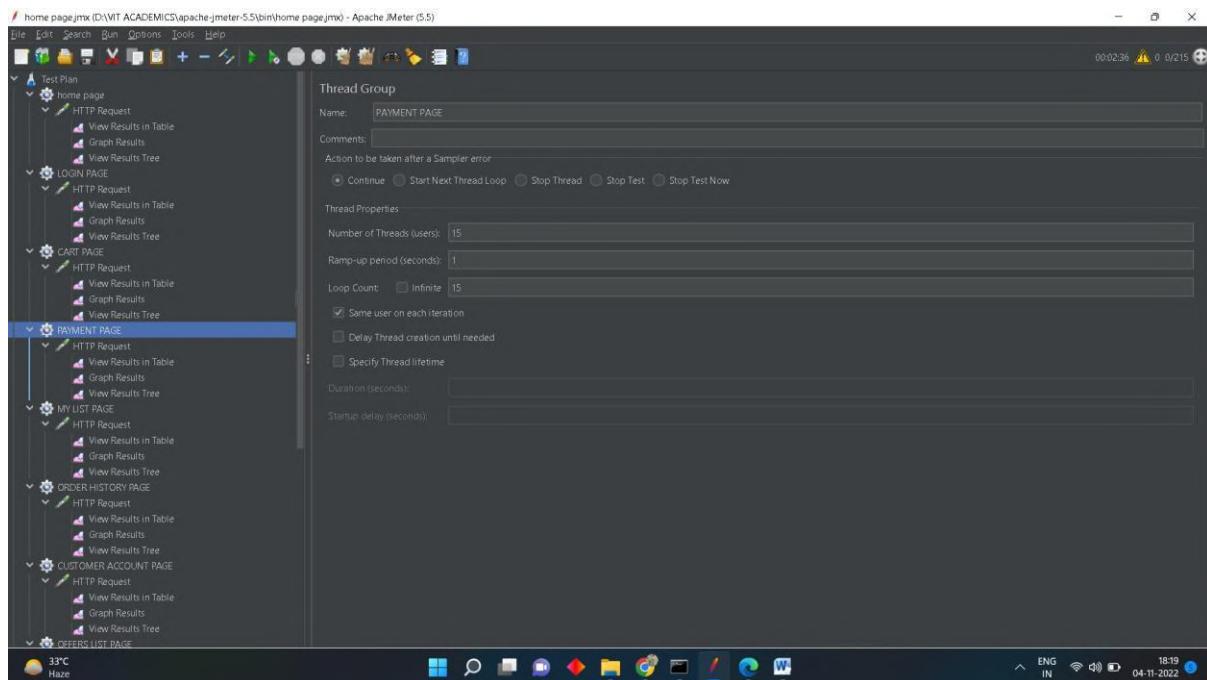
33°C Haze

ENG IN 18:19 04-11-2022





PAYOUT PAGE



home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

The screenshot shows the Apache JMeter interface with the following details:

- Test Plan Tree:**
 - home page
 - LOGIN PAGE
 - CART PAGE
 - PAYOUT PAGE
 - MY LIST PAGE
 - ORDER HISTORY PAGE
 - CUSTOMER ACCOUNT PAGE
 - OFFERS LIST PAGE
- Selected Item:** PAYOUT PAGE > HTTP Request
- Configuration Panel:**
 - HTTP Request** tab is selected.
 - Basic** tab settings:
 - Protocol [http]:
 - Server Name or IP: www.jiomart.com
 - Port Number:
 - Advanced** tab settings:
 - Method: GET
 - Path: checkout/review
 - Checkboxes: Redirect Automatically (unchecked), Follow Redirects (checked), Use keepAlive (checked), Use multipart/form-data (unchecked), Browser-compatible headers (unchecked).
 - Send Parameters With the Request:**

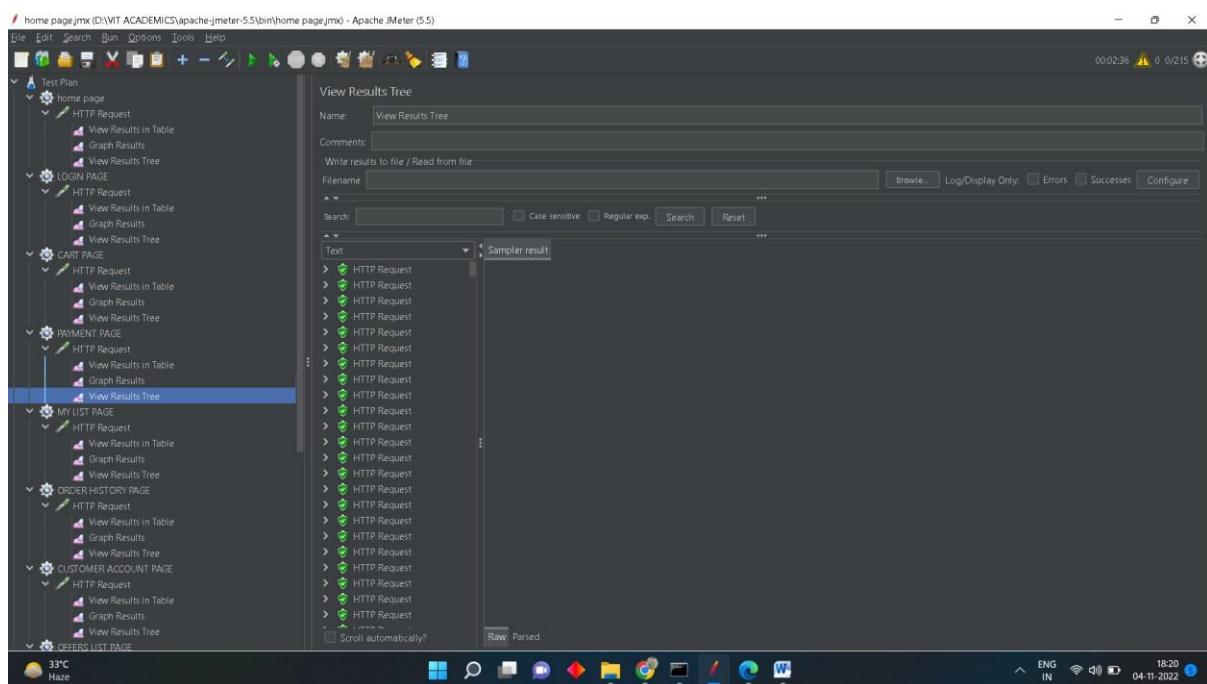
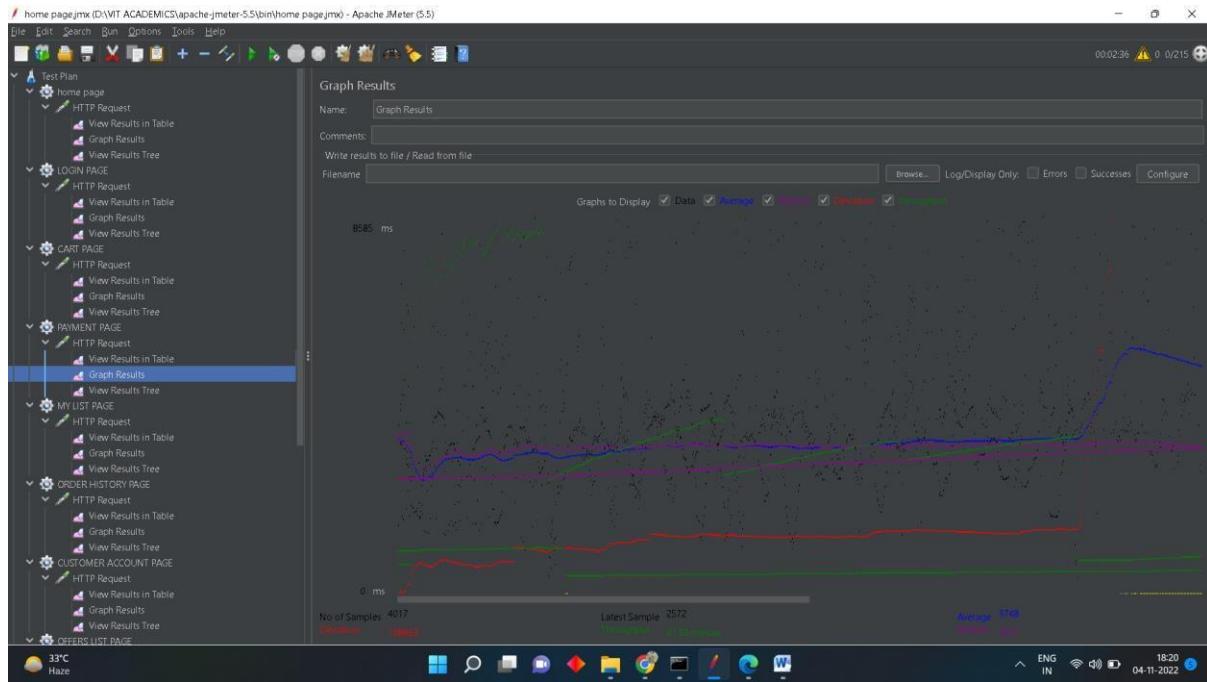
Name	Value	URL Encode?	Content-Type	Include Equals?

home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

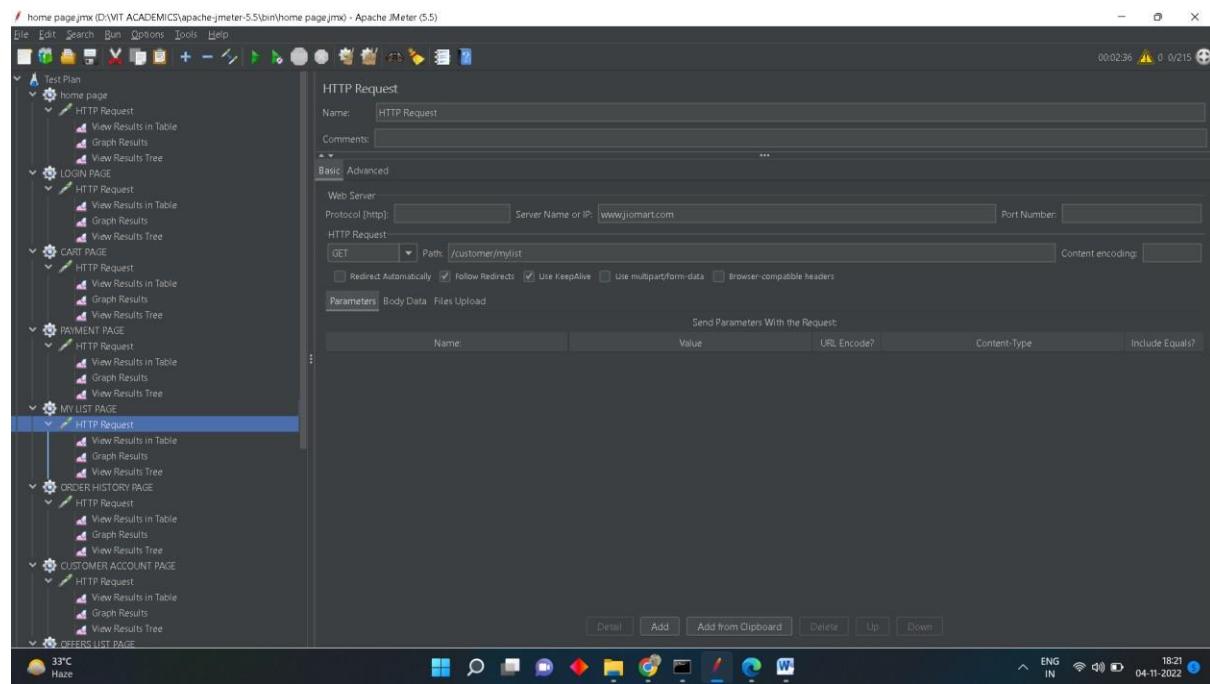
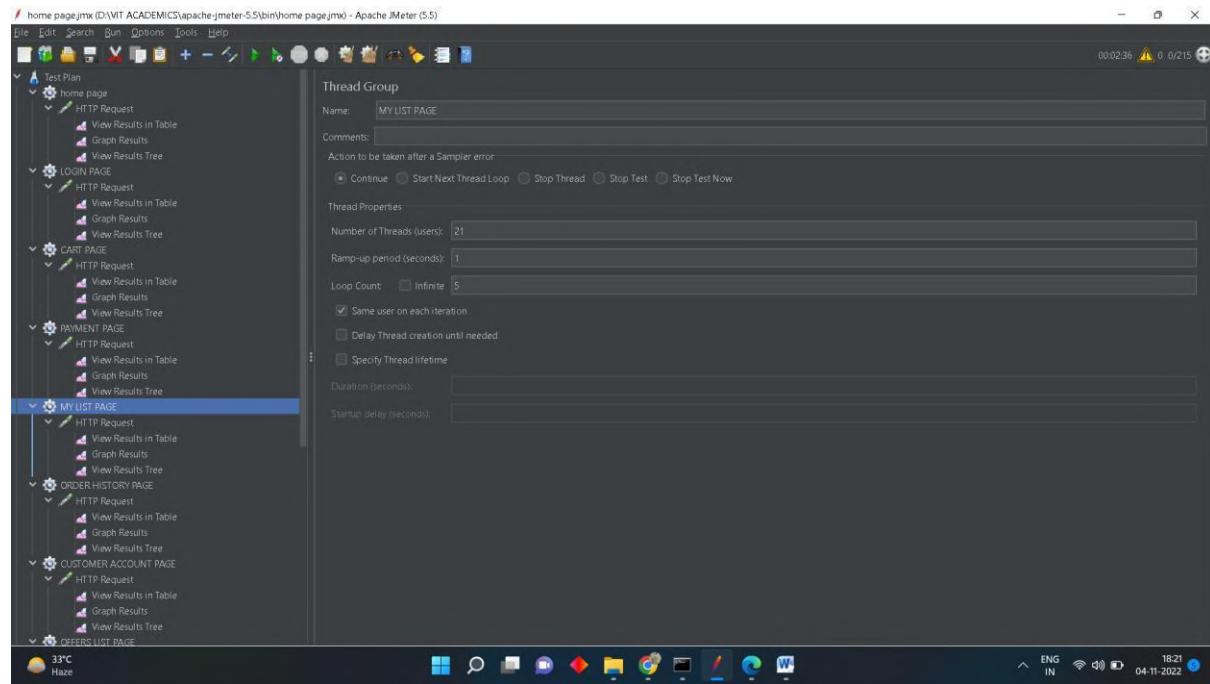
The screenshot shows the Apache JMeter interface with the following details:

- Test Plan Tree:** Same as the first screenshot.
- Selected Item:** PAYOUT PAGE > HTTP Request > View Results in Table
- Configuration Panel:**
 - View Results in Table** tab is selected.
 - Basic** tab settings:
 - Name: ViewResults in Table
 - Comments:
 - Write results to file / Read from file
 - Filename:
 - Advanced** tab settings:
 - Browse... Log/Display Only, Errors, Successes, Configure checkboxes.
 - Data Table:**

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	10:39:53.342	Thread Group 4-1	HTTP Request	1674	OK	5128	264	344	76
2	10:39:53.409	Thread Group 4-2	HTTP Request	2035	OK	5128	264	340	29
3	10:39:53.545	Thread Group 4-4	HTTP Request	2308	OK	5128	264	990	31
4	10:39:53.477	Thread Group 4-3	HTTP Request	2388	OK	5128	264	824	28
5	10:39:53.612	Thread Group 4-5	HTTP Request	2666	OK	5128	264	805	31
6	10:39:53.879	Thread Group 4-9	HTTP Request	2984	OK	5128	264	1069	28
7	10:39:53.678	Thread Group 4-6	HTTP Request	3205	OK	5128	264	941	29
8	10:39:53.444	Thread Group 4-2	HTTP Request	1529	OK	5128	264	435	0
9	10:39:53.016	Thread Group 4-1	HTTP Request	1969	OK	5128	264	869	0
10	10:39:54.014	Thread Group 4-11	HTTP Request	3203	OK	5128	264	1124	31
11	10:39:53.947	Thread Group 4-10	HTTP Request	3459	OK	5128	264	977	28
12	10:39:53.811	Thread Group 4-8	HTTP Request	3979	OK	5128	264	1256	30
13	10:39:53.745	Thread Group 4-7	HTTP Request	4135	OK	5128	264	1375	30
14	10:39:54.081	Thread Group 4-12	HTTP Request	4258	OK	5128	264	1071	29
15	10:39:54.215	Thread Group 4-14	HTTP Request	4282	OK	5128	264	1048	28
16	10:39:54.150	Thread Group 4-13	HTTP Request	4465	OK	5128	264	1164	30
17	10:39:55.865	Thread Group 4-3	HTTP Request	2818	OK	5128	264	1039	0
18	10:39:55.851	Thread Group 4-4	HTTP Request	2856	OK	5128	264	1068	0
19	10:39:56.276	Thread Group 4-5	HTTP Request	3141	OK	5128	264	1357	0
20	10:39:56.843	Thread Group 4-9	HTTP Request	3518	OK	5128	264	1729	0
21	10:39:56.883	Thread Group 4-6	HTTP Request	3545	OK	5128	264	1774	0
22	10:39:56.973	Thread Group 4-2	HTTP Request	3589	OK	5128	264	1829	0
23	10:39:56.998	Thread Group 4-1	HTTP Request	3585	OK	5128	264	1834	0
24	10:39:54.286	Thread Group 4-15	HTTP Request	6707	OK	5128	264	1226	29
25	10:39:53.317	Thread Group 4-11	HTTP Request	3818	OK	5128	264	1965	21



MY LIST PAGE



home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

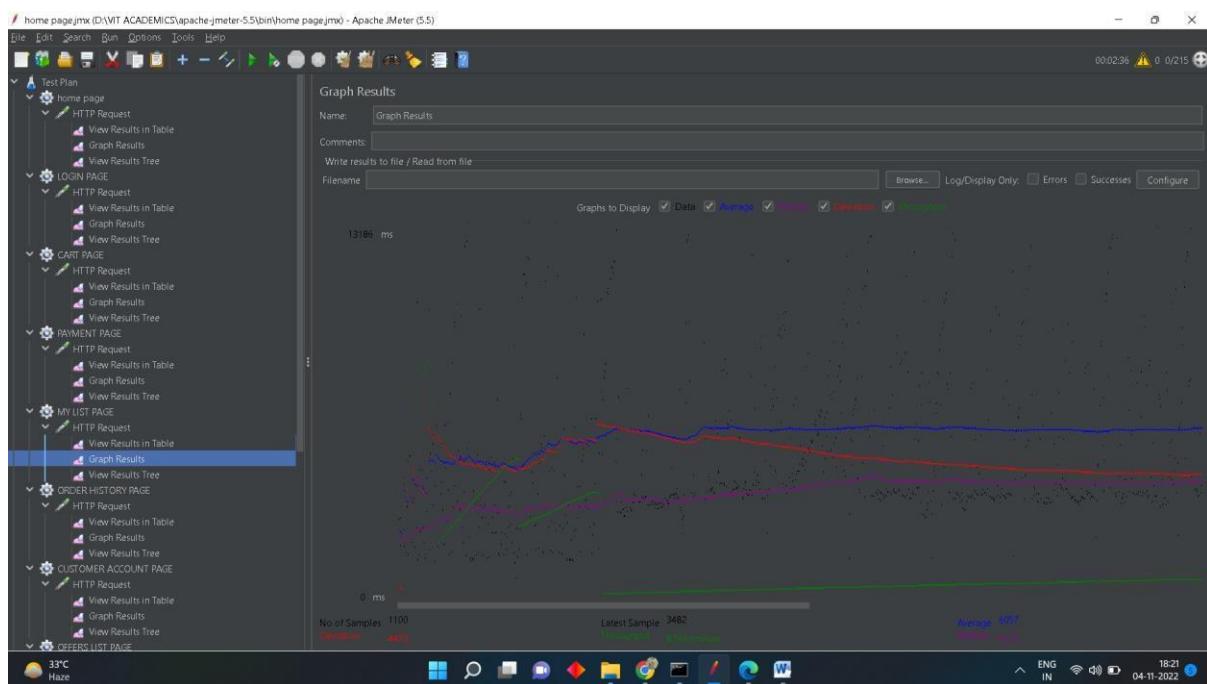
Filename:

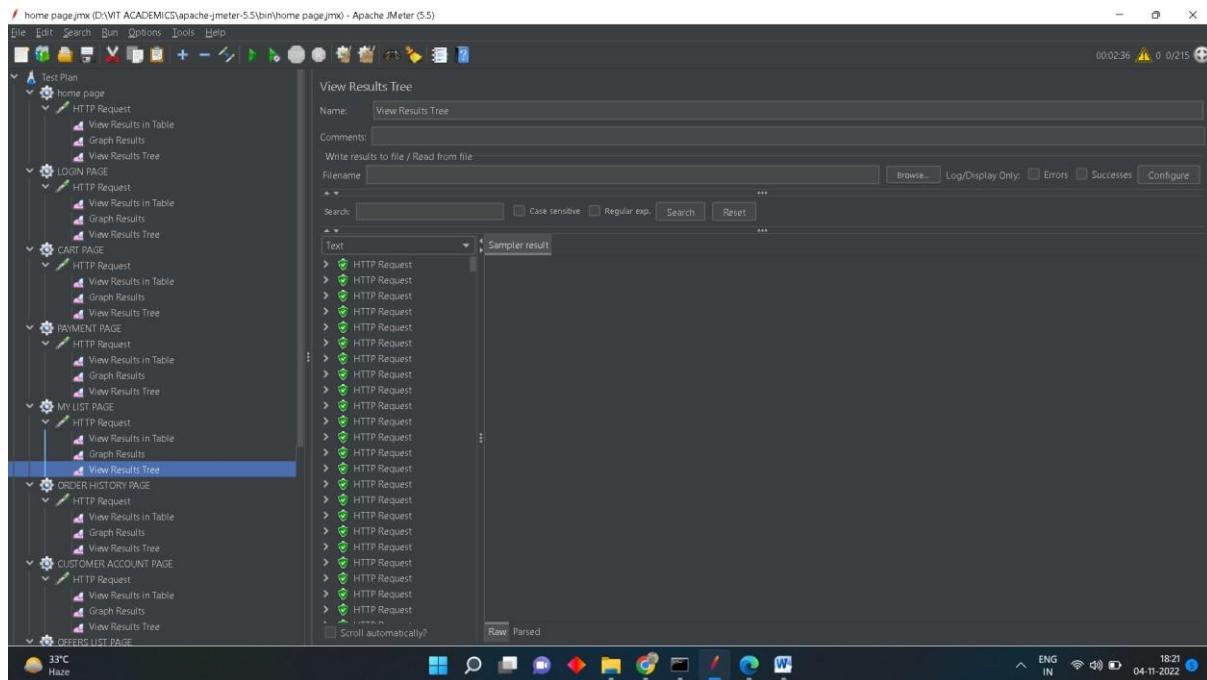
Browse... Log/Display Only, Errors, Successes, Configure

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	11:38:49.307	Thread Group 5-3	HTTP Request	7896	✓	5128	264	1243	364
2	11:38:49.259	Thread Group 5-2	HTTP Request	8047	✓	5128	264	1018	411
3	11:38:49.450	Thread Group 5-5	HTTP Request	7891	✓	5128	264	1007	219
4	11:38:49.210	Thread Group 5-1	HTTP Request	8595	✓	5128	264	2149	464
5	11:38:49.691	Thread Group 5-11	HTTP Request	8568	✓	5128	264	3537	127
6	11:38:55.186	Thread Group 5-4	HTTP Request	3480	✓	5128	264	2664	0
7	11:38:55.556	Thread Group 5-9	HTTP Request	3317	✓	5128	264	2481	0
8	11:38:49.980	Thread Group 5-17	HTTP Request	8930	✓	5128	264	4937	119
9	11:38:56.004	Thread Group 5-5	HTTP Request	3043	✓	5128	264	2270	0
10	11:38:57.307	Thread Group 5-2	HTTP Request	1792	✓	5128	264	1047	0
11	11:38:49.836	Thread Group 5-14	HTTP Request	9350	✓	5128	264	4692	123
12	11:38:49.644	Thread Group 5-10	HTTP Request	9543	✓	5128	264	2094	120
13	11:38:57.204	Thread Group 5-3	HTTP Request	2166	✓	5128	264	1363	0
14	11:38:49.739	Thread Group 5-12	HTTP Request	9531	✓	5128	264	3561	109
15	11:38:54.995	Thread Group 5-7	HTTP Request	4501	✓	5128	264	2752	0
16	11:38:50.124	Thread Group 5-20	HTTP Request	9531	✓	5128	264	5007	122
17	11:38:55.954	Thread Group 5-8	HTTP Request	3744	✓	5128	264	2063	0
18	11:38:57.342	Thread Group 5-6	HTTP Request	2446	✓	5128	264	1639	0
19	11:38:58.261	Thread Group 5-11	HTTP Request	2012	✓	5128	264	1266	0
20	11:38:57.806	Thread Group 5-1	HTTP Request	2492	✓	5128	264	902	0
21	11:38:58.667	Thread Group 5-4	HTTP Request	1676	✓	5128	264	933	0
22	11:38:58.911	Thread Group 5-17	HTTP Request	1789	✓	5128	264	1032	0
23	11:38:59.099	Thread Group 5-2	HTTP Request	1782	✓	5128	264	976	0
24	11:38:59.186	Thread Group 5-10	HTTP Request	1923	✓	5128	264	1108	0
25	11:38:49.374	Thread Group 5-3	HTTP Request	1049	✓	5128	264	1155	0

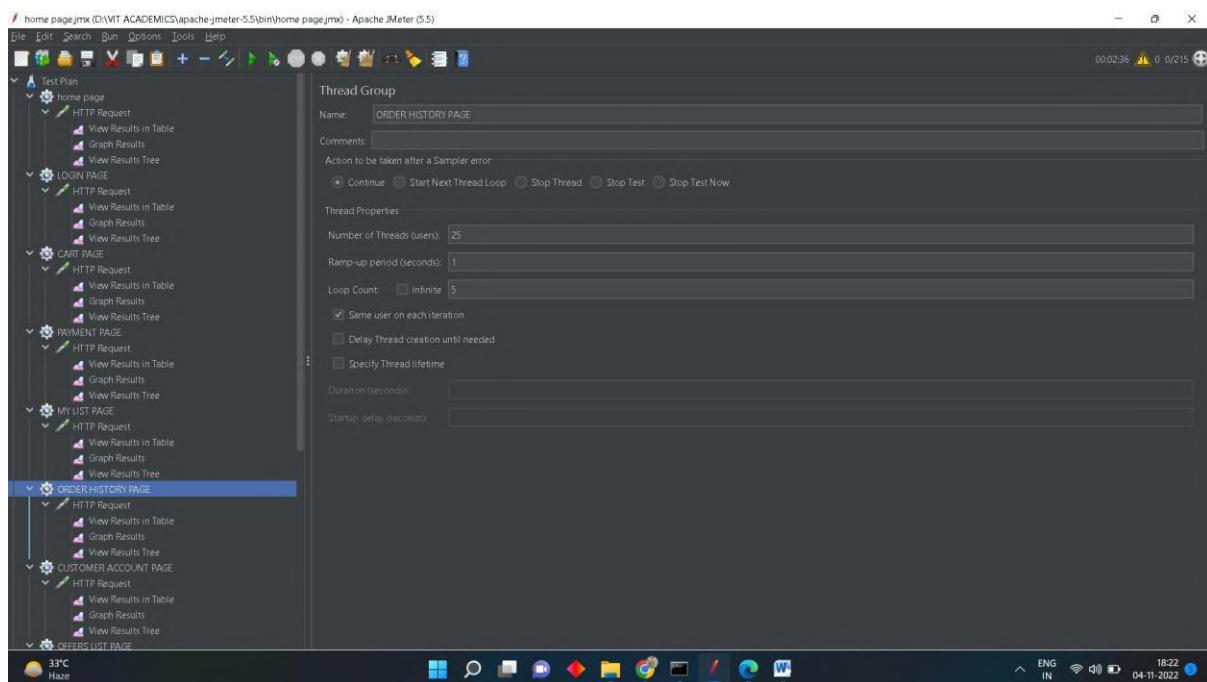
Scroll automatically? Child samples? No of Samples: 1150 Latest Sample: 3482 Average: 4971 Throughput: 0

18:21 04-11-2022





ORDER HISTORY PAGE



home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

HTTP Request

Name: HTTP Request
Comments:

Basic Advanced

Web Server
Protocol [http]: Server Name or IP: www.jiomart.com Port Number:
HTTP Request
GET Path: /customer/orderhistory
 Redirect Automatically Follow Redirects Use keepAlive Use multipart/form-data Browser-compatible headers

Parameters Body Data Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?
-------	-------	-------------	--------------	-----------------

Detail Add Add from Clipboard Delete Up Down

33°C Haze

ENG IN 18:22 04-11-2022

home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

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

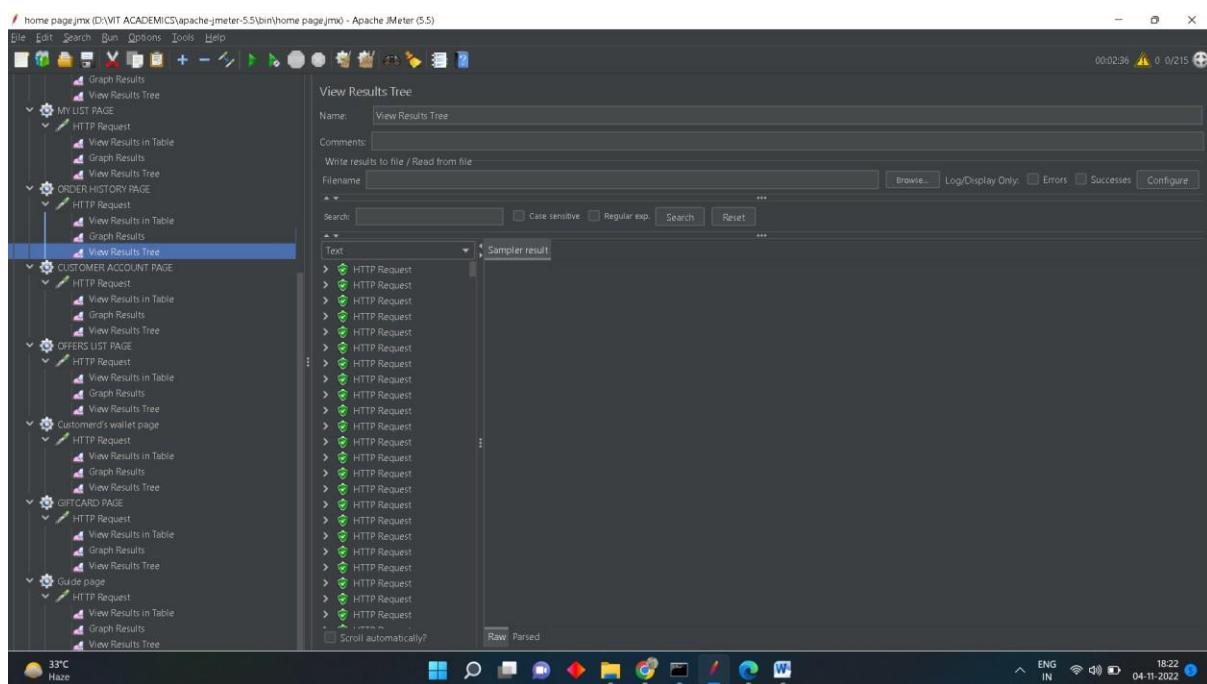
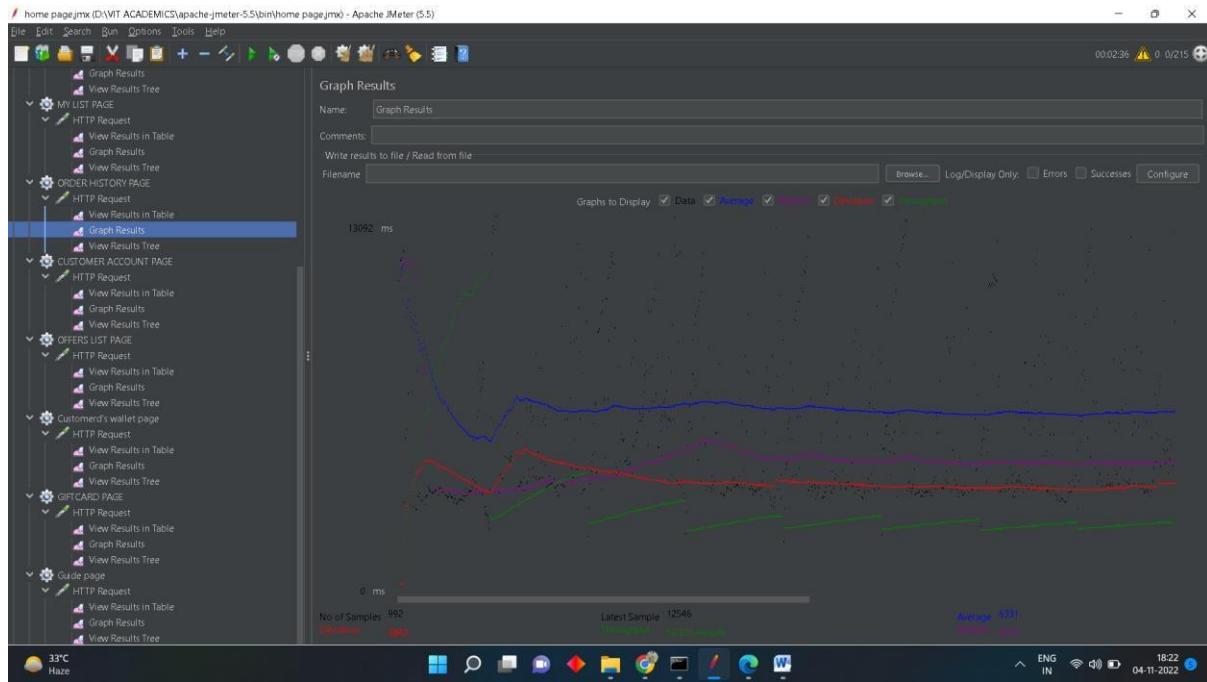
Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	13/2751.782	Thread Group 6-7	HTTP Request	6363	OK	5134	276	412	64
2	13/2751.742	Thread Group 6-6	HTTP Request	7051	OK	5134	276	697	104
3	13/2751.662	Thread Group 6-4	HTTP Request	7340	OK	5134	276	1413	198
4	13/2751.624	Thread Group 6-3	HTTP Request	7469	OK	5134	276	1127	234
5	13/2751.541	Thread Group 6-1	HTTP Request	7618	OK	5134	276	1563	322
6	13/2751.570	Thread Group 6-5	HTTP Request	7732	OK	5134	276	778	156
7	13/2751.586	Thread Group 6-2	HTTP Request	8299	OK	5134	276	1904	279
8	13/2751.821	Thread Group 6-8	HTTP Request	9471	OK	5134	276	1956	43
9	13/2751.943	Thread Group 6-11	HTTP Request	10836	OK	5134	276	4314	39
10	13/2752.103	Thread Group 6-15	HTTP Request	10839	OK	5134	276	5015	33
11	13/2751.904	Thread Group 6-10	HTTP Request	11559	OK	5134	276	4000	36
12	13/2752.074	Thread Group 6-14	HTTP Request	11593	OK	5134	276	4869	49
13	13/2752.023	Thread Group 6-13	HTTP Request	11646	OK	5134	276	4698	39
14	13/2752.303	Thread Group 6-20	HTTP Request	11458	OK	5134	276	5410	31
15	13/2751.876	Thread Group 6-9	HTTP Request	11911	OK	5134	276	2990	62
16	13/2751.986	Thread Group 6-12	HTTP Request	11857	OK	5134	276	4205	32
17	13/2801.291	Thread Group 6-8	HTTP Request	3190	OK	5134	276	1673	0
18	13/2759.156	Thread Group 6-1	HTTP Request	5419	OK	5134	276	3928	0
19	13/2759.434	Thread Group 6-5	HTTP Request	5718	OK	5134	276	4341	0
20	13/2752.143	Thread Group 6-16	HTTP Request	13258	OK	5134	276	5313	29
21	13/2752.508	Thread Group 6-25	HTTP Request	13092	OK	5134	276	6324	30
22	13/2758.793	Thread Group 6-5	HTTP Request	6950	OK	5134	276	3856	0
23	13/2752.223	Thread Group 6-18	HTTP Request	13886	OK	5134	276	5559	36
24	13/2802.941	Thread Group 6-15	HTTP Request	3088	OK	5134	276	1558	0
25	13/2745.003	Thread Group 6-4	HTTP Request	7010	OK	5134	276	3605	0

No of Samples: 1000 Latest Sample: 12546 Average: 6341 Standard Deviation: 3880

Detail Add Add from Clipboard Delete Up Down

33°C Haze

ENG IN 18:22 04-11-2022



CUSTOMER ACCOUNT PAGE

The screenshot shows the Apache JMeter 5.5 interface. On the left, the Test Plan tree view lists various pages: MY LIST PAGE, ORDER HISTORY PAGE, CUSTOMER ACCOUNT PAGE (selected), OFFERS LIST PAGE, GIFT CARD PAGE, and GUIDE PAGE. Under each page, there is an 'HTTP Request' node with three sub-options: View Results in Table, Graph Results, and View Results Tree. The CUSTOMER ACCOUNT PAGE node is currently selected. On the right, the 'Thread Group' configuration panel is displayed. It includes fields for Name (set to 'CUSTOMER ACCOUNT PAGE'), Number of Threads (users) (set to 15), Ramp-up period (seconds) (set to 1), Loop Count (set to Infinite 4), and Same user on each iteration (checkbox checked). Below these are options for Delay Thread creation until needed and Specify Thread lifetime. At the bottom of the panel are Duration (seconds) and Startup delay (seconds) fields.

This screenshot shows the detailed configuration for the selected 'HTTP Request' under the CUSTOMER ACCOUNT PAGE thread group. The 'Basic' tab is active. In the 'Web Server' section, the Protocol is set to [http], the Server Name or IP is www.jiomart.com, and the Port Number is left blank. The 'HTTP Request' section shows Method as GET and Path as /customer/account. There are checkboxes for Redirect Automatically, Follow Redirects, Use keepAlive, Use multipart/form-data, and Browser-compatible headers. The 'Parameters' tab is selected, showing a table with columns: Name, Value, URL Encode?, Content-Type, and Include Equals?. A row in the table has these values: Name: customer_id, Value: 1234567890, URL Encode?: checked, Content-Type: application/x-www-form-urlencoded, and Include Equals?: checked. At the bottom of the panel are buttons for Detail, Add, Add from Clipboard, Delete, Up, and Down.

File Edit Search Run Options Tools Help

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	SampleTime(ms)	Status	Bytes	Sent Bytes	Latency	ConnectTime(ms)
1	11:44:14.690	Thread Group 7-1	HTTP Request	2185	✓	5129	266	383	170
2	11:44:16.875	Thread Group 7-1	HTTP Request	3712	✓	5129	266	2896	0
3	11:44:16.761	Thread Group 7-2	HTTP Request	6617	✓	5129	266	571	149
4	11:44:20.587	Thread Group 7-1	HTTP Request	2216	✓	5129	266	866	0
5	11:44:15.094	Thread Group 7-7	HTTP Request	8284	✓	5129	266	1028	124
6	11:44:15.025	Thread Group 7-6	HTTP Request	9504	✓	5129	266	1582	144
7	11:44:23.376	Thread Group 7-7	HTTP Request	1658	✓	5129	266	826	0
8	11:44:16.761	Thread Group 7-7	HTTP Request	1664	✓	5129	266	863	0
9	11:44:21.379	Thread Group 7-2	HTTP Request	5459	✓	5129	266	923	0
10	11:44:22.803	Thread Group 7-1	HTTP Request	4050	✓	5129	266	912	0
11	11:44:26.629	Thread Group 7-6	HTTP Request	2625	✓	5129	266	912	0
12	11:44:27.255	Thread Group 7-6	HTTP Request	3375	✓	5129	266	1779	0
13	11:44:14.890	Thread Group 7-4	HTTP Request	16840	✓	5129	266	1065	142
14	11:44:15.420	Thread Group 7-12	HTTP Request	17043	✓	5129	266	1901	124
15	11:44:15.561	Thread Group 7-14	HTTP Request	16985	✓	5129	266	2512	125
16	11:44:31.731	Thread Group 7-4	HTTP Request	4085	✓	5129	266	1763	0
17	11:44:15.616	Thread Group 7-15	HTTP Request	20364	✓	5129	266	2265	123
18	11:44:32.469	Thread Group 7-12	HTTP Request	3662	✓	5129	266	1285	0
19	11:44:30.630	Thread Group 7-6	HTTP Request	8182	✓	5129	266	3073	0
20	11:44:35.131	Thread Group 7-12	HTTP Request	2819	✓	5129	266	909	0
21	11:44:35.816	Thread Group 7-4	HTTP Request	3287	✓	5129	266	932	0
22	11:44:14.820	Thread Group 7-3	HTTP Request	24524	✓	5129	266	734	131
23	11:44:26.837	Thread Group 7-2	HTTP Request	13049	✓	5129	266	4098	0
24	11:44:39.350	Thread Group 7-3	HTTP Request	2418	✓	5129	266	819	0
25	11:44:48.105	Thread Group 7-4	HTTP Request	3286	✓	5129	266	820	0

Scroll automatically? Child samples? No of Samples: 540 Latest Sample: 5663 Average: 17804 Standard Deviation: 267111

33°C Haze

File Edit Search Run Options Tools Help

Graph Results

Name: Graph Results

Comments:

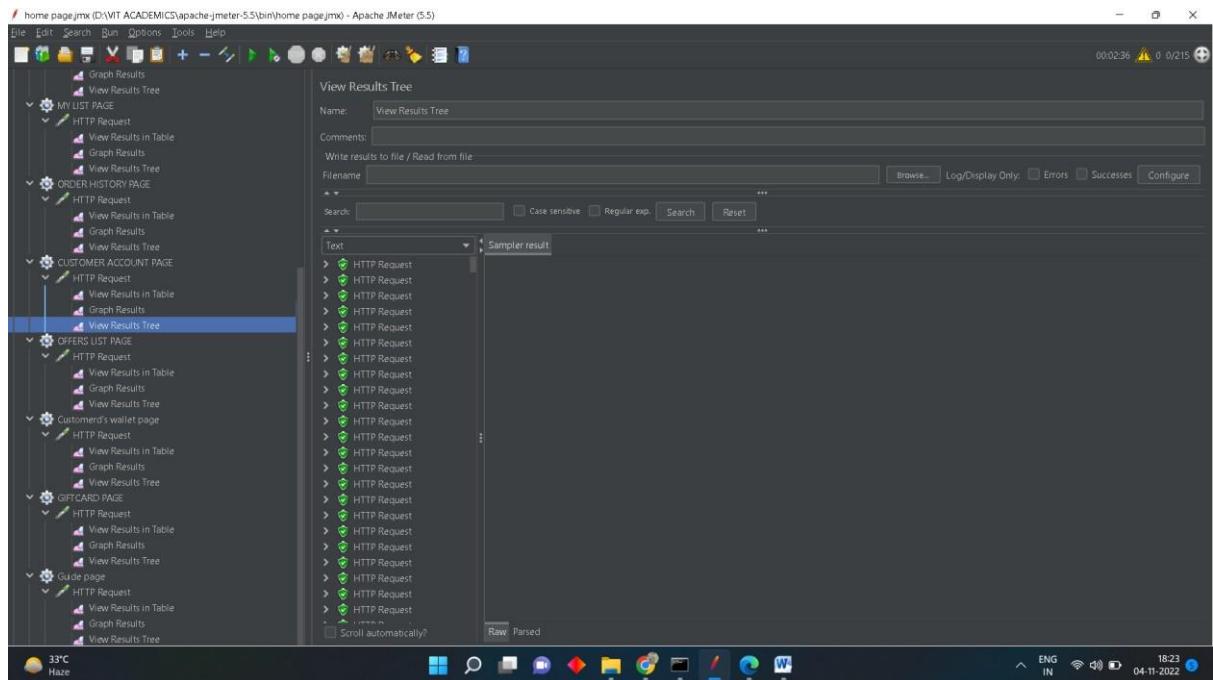
Write results to file / Read from file

Filename:

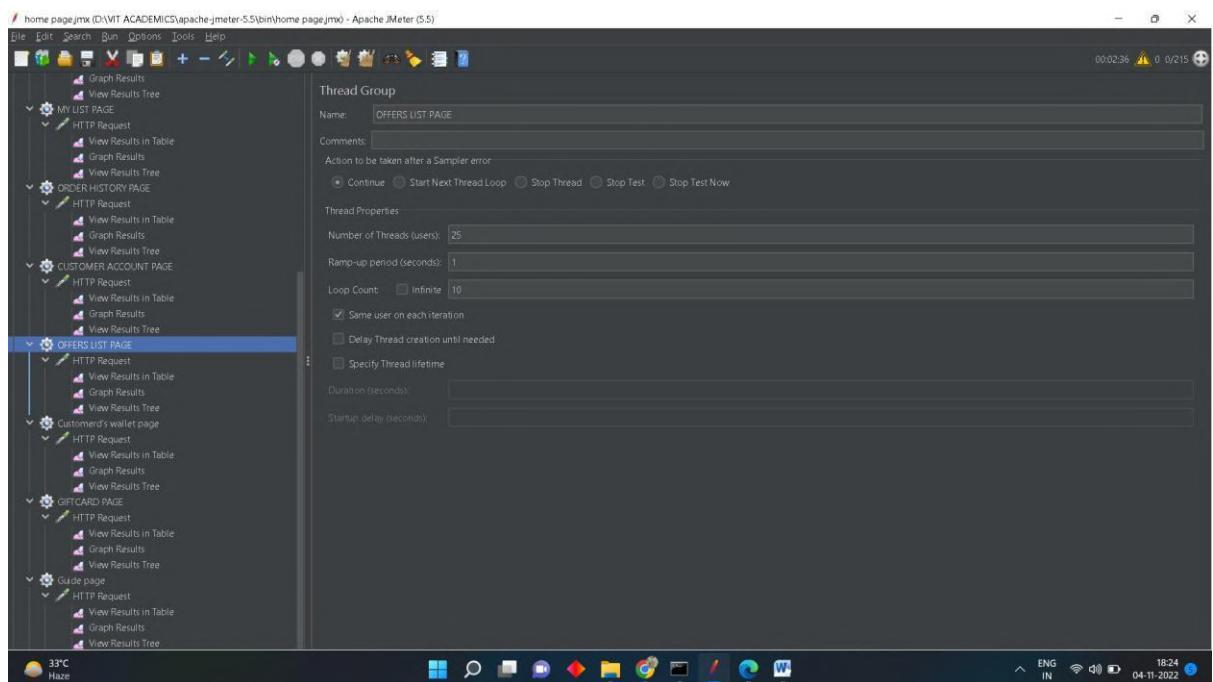
Graphs to Display: Data, Average, Min, Max, Current, Previous

No of Samples: 480 Latest Sample: 5663 Average: 4518 Standard Deviation: 267111

33°C Haze



OFFER LIST PAGE



home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

HTTP Request

Name: HTTP Request
Comments:

Basic Advanced

Web Server
Protocol [http]: Server Name or IP: www.jiomart.com Port Number:
HTTP Request
GET Path: /offers
 Redirect Automatically Follow Redirects Use keepAlive Use multipart/form-data Browser-compatible headers

Parameters Body Data Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?
-------	-------	-------------	--------------	-----------------

Detail Add Add from Clipboard Delete Up Down

33°C Haze ENG IN 18:24 04-11-2022

home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

View Results in Table

Name: View Results in Table
Comments:

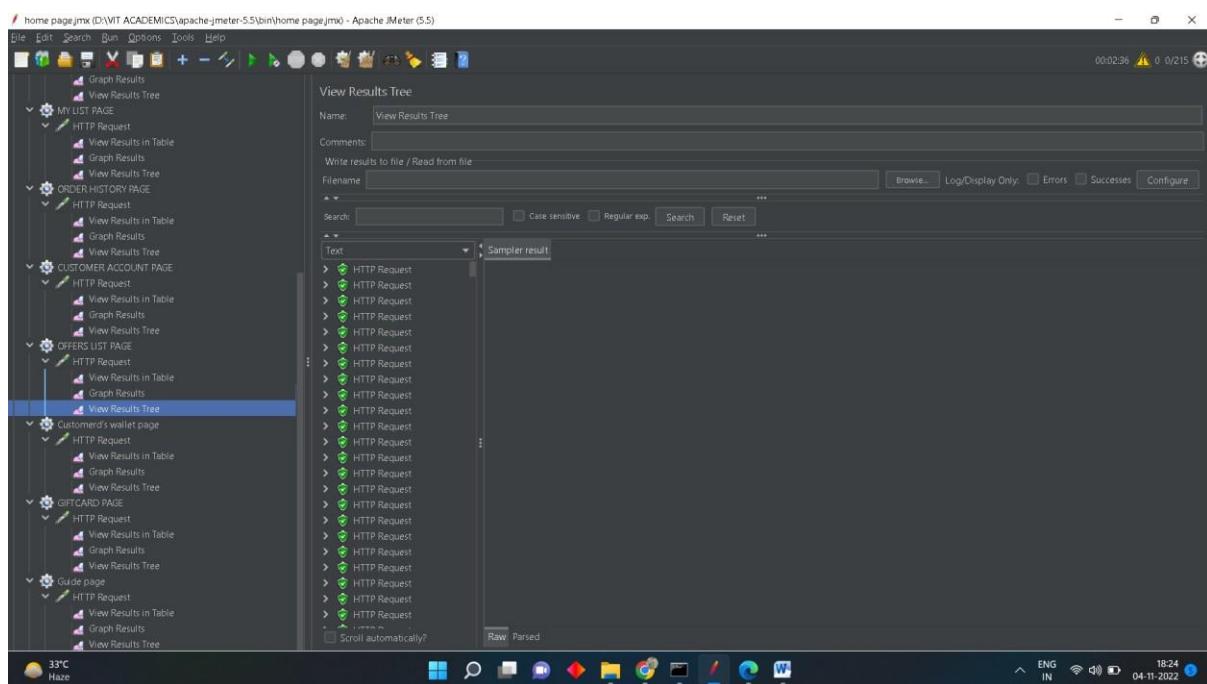
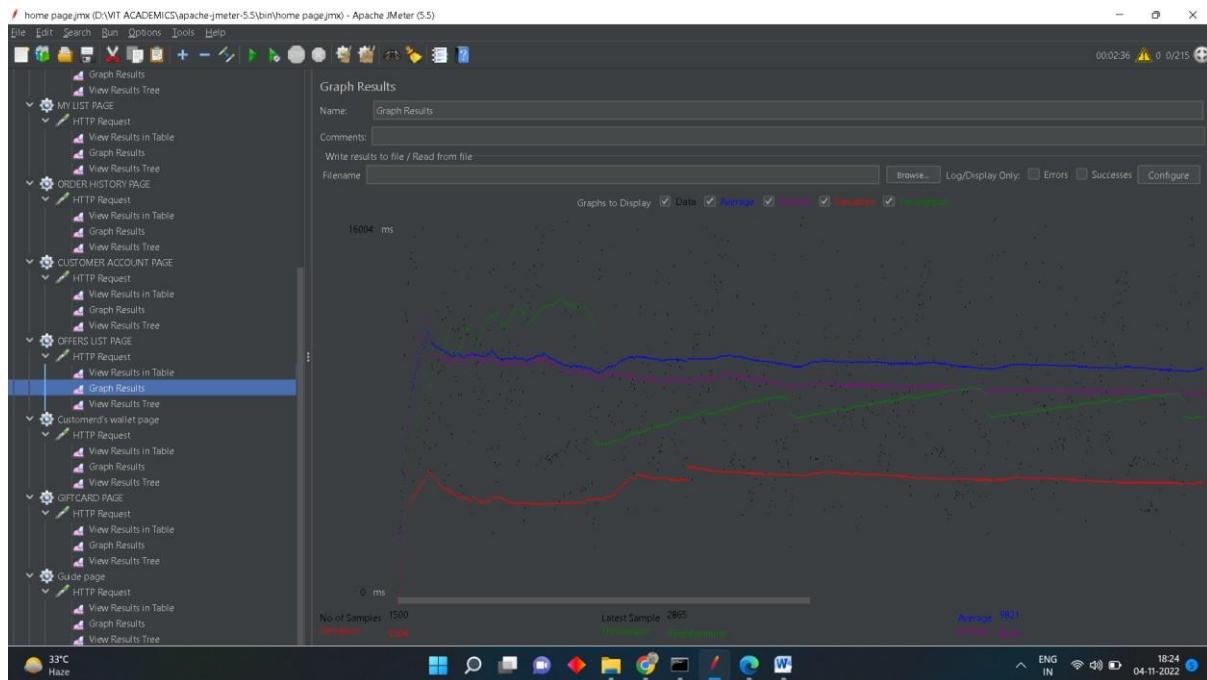
Write results to file / Read from file
Filename:

Browse... Log/Display Only. Errors Successes Configure

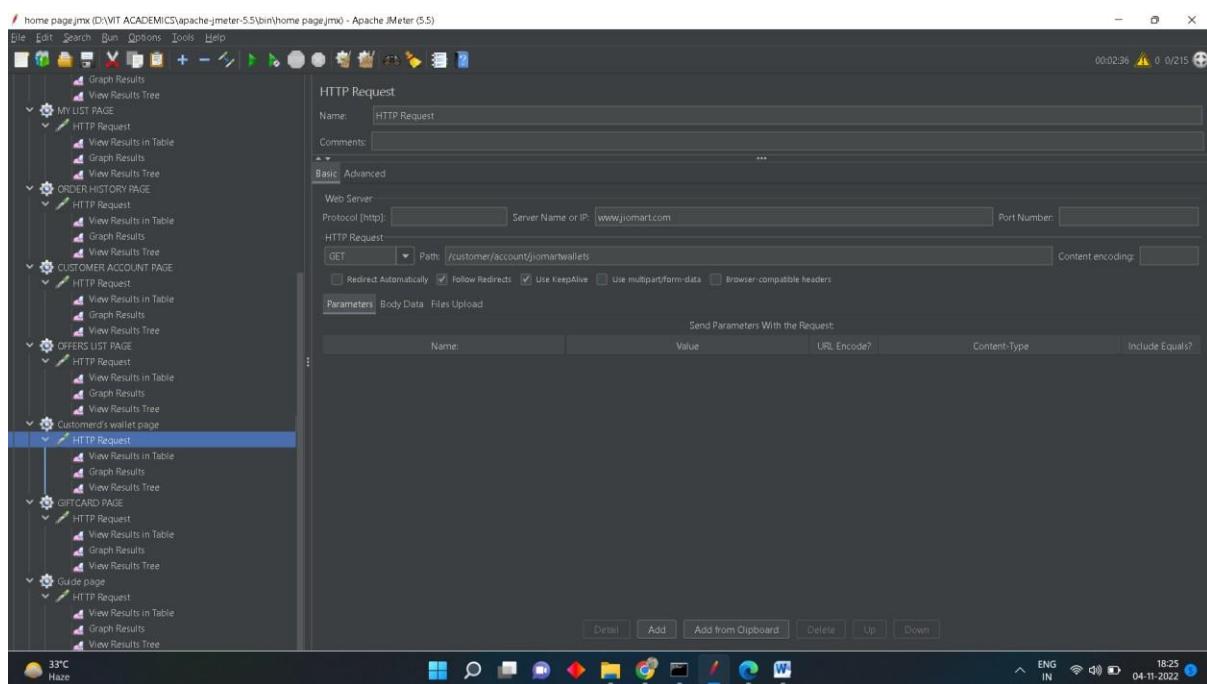
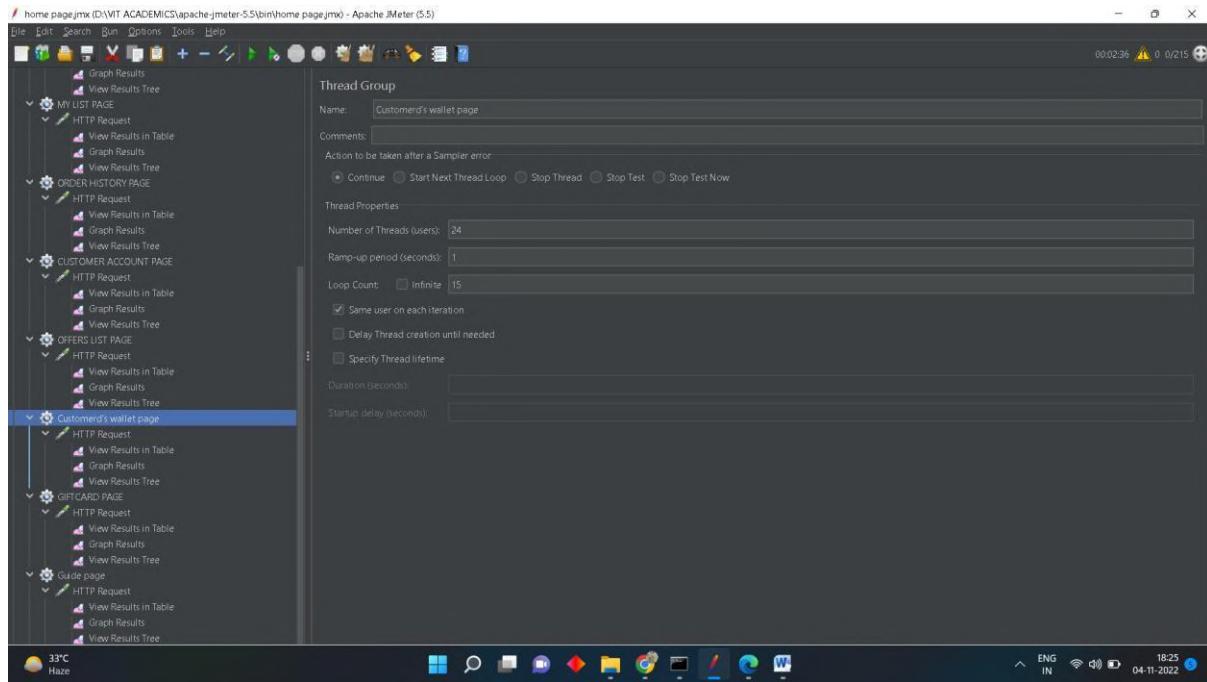
Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
47	13:30:14.363	Thread Group B-1	HTTP Request	189	OK	490	490	1980	0
28	13:29:55.590	Thread Group B-23	HTTP Request	26946	OK	246	246	6989	34
29	13:30:13.391	Thread Group B-19	HTTP Request	9544	OK	246	246	1550	0
30	13:30:14.874	Thread Group B-14	HTTP Request	8285	OK	246	246	2361	0
31	13:30:18.996	Thread Group B-9	HTTP Request	4161	OK	246	246	1981	0
32	13:29:55.669	Thread Group B-25	HTTP Request	27946	OK	246	246	7014	31
33	13:30:07.306	Thread Group B-6	HTTP Request	17148	OK	246	246	2080	0
34	13:30:15.494	Thread Group B-18	HTTP Request	9766	OK	246	246	2022	0
35	13:30:19.531	Thread Group B-13	HTTP Request	5836	OK	246	246	1962	0
36	13:29:55.350	Thread Group B-17	HTTP Request	30110	OK	246	246	5446	32
37	13:30:17.659	Thread Group B-16	HTTP Request	7855	OK	246	246	2324	0
38	13:30:14.294	Thread Group B-12	HTTP Request	11309	OK	246	246	2047	0
39	13:30:20.106	Thread Group B-5	HTTP Request	5754	OK	246	246	2325	0
40	13:29:54.787	Thread Group B-3	HTTP Request	33162	OK	246	246	1332	33
41	13:30:20.477	Thread Group B-21	HTTP Request	7609	OK	246	246	2014	0
42	13:30:24.446	Thread Group B-6	HTTP Request	3833	OK	246	246	1863	0
43	13:30:11.662	Thread Group B-15	HTTP Request	17268	OK	246	246	2050	0
44	13:29:55.069	Thread Group B-10	HTTP Request	33077	OK	246	246	2234	36
45	13:29:55.630	Thread Group B-24	HTTP Request	33327	OK	246	246	7196	31
46	13:30:23.159	Thread Group B-9	HTTP Request	5899	OK	246	246	2012	0
47	13:30:23.159	Thread Group B-14	HTTP Request	6720	OK	246	246	1927	0
48	13:30:20.871	Thread Group B-20	HTTP Request	9680	OK	246	246	1771	0
49	13:30:20.984	Thread Group B-7	HTTP Request	9714	OK	246	246	1746	0
50	13:30:22.935	Thread Group B-19	HTTP Request	8045	OK	246	246	2252	0
51	13:30:25.461	Thread Group B-17	HTTP Request	6417	OK	246	246	2053	0

No of Samples: 1750 Latest Sample: 2865 Average: 9780 Standard Deviation: 1086

33°C Haze ENG IN 18:24 04-11-2022



CUSTOMER'S WALLET PAGE



home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

View Results in Table

Name: View Results in Table

Comments:

Write results to file / Read from file

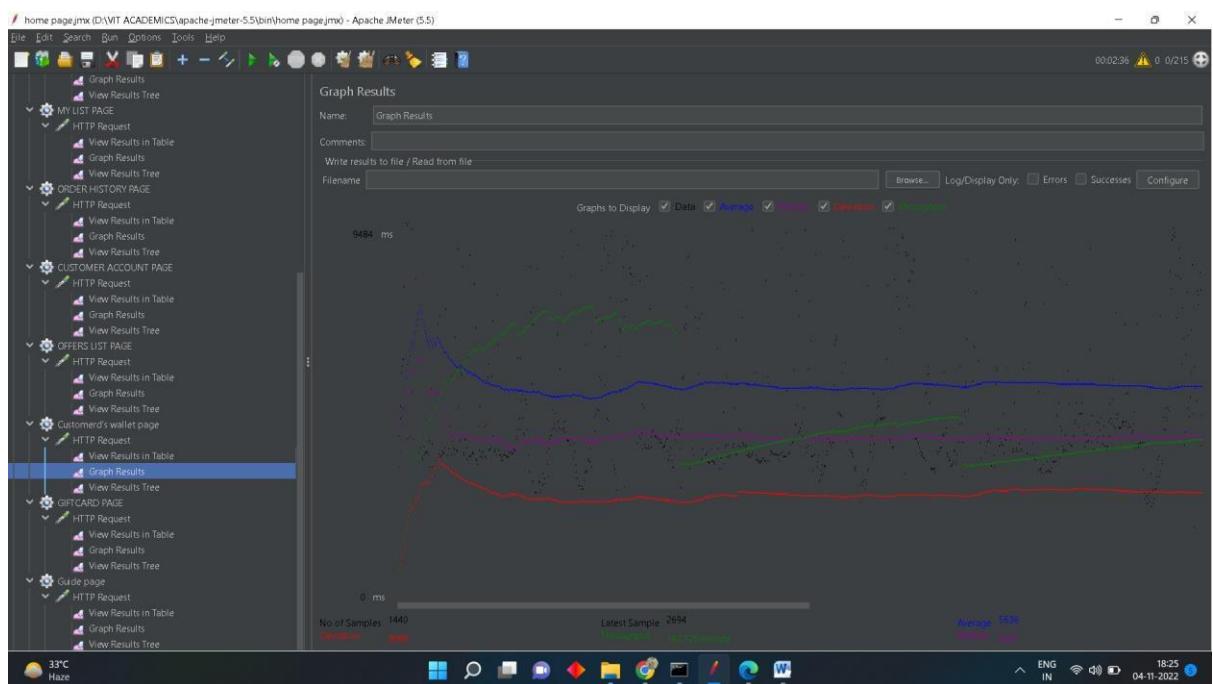
Filename:

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

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
336	13:37:11.881	Customer's wallet...	HTTP request	3010	✓	5144	296	1427	0
337	13:37:12.842	Customer's wallet...	HTTP Request	3786	✓	5144	296	1539	0
338	13:37:13.048	Customer's wallet...	HTTP Request	3967	✓	5144	296	1738	0
339	13:37:13.411	Customer's wallet...	HTTP Request	4389	✓	5144	296	2201	0
340	13:37:14.101	Customer's wallet...	HTTP Request	4374	✗	5144	296	2272	0
341	13:37:14.168	Customer's wallet...	HTTP Request	4446	✗	5144	296	2308	0
342	13:37:14.200	Customer's wallet...	HTTP Request	4449	✓	5144	296	2320	0
343	13:37:14.872	Customer's wallet...	HTTP Request	5845	✓	5144	296	1584	0
344	13:37:14.824	Customer's wallet...	HTTP Request	3926	✓	5144	296	2228	0
345	13:37:15.253	Customer's wallet...	HTTP Request	3819	✓	5144	296	2196	0
346	13:37:15.573	Customer's wallet...	HTTP Request	3778	✓	5144	296	2217	0
347	13:37:14.397	Customer's wallet...	HTTP Request	5004	✓	5144	296	3467	0
348	13:37:14.293	Customer's wallet...	HTTP Request	5188	✓	5144	296	3681	0
349	13:37:16.357	Customer's wallet...	HTTP Request	3442	✓	5144	296	2136	0
350	13:37:17.015	Customer's wallet...	HTTP Request	3510	✓	5144	296	1838	0
351	13:37:12.751	Customer's wallet...	HTTP Request	8040	✓	5144	296	1736	0
352	13:37:17.800	Customer's wallet...	HTTP Request	3472	✓	5144	296	1625	0
353	13:37:18.474	Customer's wallet...	HTTP Request	3083	✓	5144	296	1335	0
354	13:37:18.716	Customer's wallet...	HTTP Request	3254	✓	5144	296	1364	0
355	13:37:19.071	Customer's wallet...	HTTP Request	3688	✓	5144	296	1752	0
356	13:37:19.480	Customer's wallet...	HTTP Request	3676	✓	5144	296	1856	0
357	13:37:19.790	Customer's wallet...	HTTP Request	3893	✓	5144	296	1792	0
358	13:37:21.272	Customer's wallet...	HTTP Request	4165	✓	5144	296	1895	0
359	13:37:20.790	Customer's wallet...	HTTP Request	5235	✓	5144	296	1983	0
360	13:37:21.970	Customer's wallet...	HTTP Request	4678	✓	5144	296	2331	0

Scroll automatically? Child samples? No of Samples: 1800 Latest Sample: 2694 Average: 5614 Duration: 2092

ENG IN 18:25 04-11-2022



home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home page.jmx) - Apache JMeter (5.5)

The screenshot shows the Apache JMeter interface with the 'View Results Tree' listener selected. The left pane displays a tree view of test elements, including 'MY LIST PAGE', 'ORDER HISTORY PAGE', 'CUSTOMER ACCOUNT PAGE', 'OFFERS LIST PAGE', 'Customer's wallet page', 'GIFT CARD PAGE', and 'Guide page'. Under 'GIFT CARD PAGE', there are several 'HTTP Request' entries. The right pane shows the 'View Results Tree' configuration and the results table, which lists numerous 'HTTP Request' entries. The status bar at the bottom indicates '33°C Haze' and the system date and time.

GIFT CARD PAGE

home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home page.jmx) - Apache JMeter (5.5)

The screenshot shows the Apache JMeter interface with the 'Thread Group' configuration selected. The left pane displays the same tree view of test elements as the previous screenshot. The right pane shows the 'Thread Group' configuration panel, which includes fields for 'Name' (set to 'GIFTCARD PAGE'), 'Comments', 'Action to be taken after a Sampler error' (radio buttons for 'Continue', 'Start Next Thread Loop', 'Stop Thread', 'Stop Test', and 'Stop Test Now'), and 'Thread Properties'. The 'Number of Threads (users)' is set to 20, 'Ramp-up period (seconds)' is 1, and 'Loop Count' is 5. There are also checkboxes for 'Same user on each iteration', 'Delay Thread creation until needed', and 'Specify Thread lifetime'. The status bar at the bottom indicates '33°C Haze' and the system date and time.

home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

HTTP Request

Name: HTTP Request
Comments:

Basic Advanced

Web Server
Protocol [http]: Server Name or IP: www.jiomart.com Port Number:

HTTP Request
GET Path: /customer/giftcard Content encoding:

Parameters Body Data Files Upload

Send Parameters With the Request:
Name: Value URL Encode? Content-Type Include Equals?

Detail Add Add from Clipboard Delete Up Down

33°C Haze ENG IN 18:26 04-11-2022

home page.jmx (D:\VIT ACADEMICS\apache-jmeter-5.5\bin\home.page.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

View Results in Table

Name: View Results in Table
Comments:

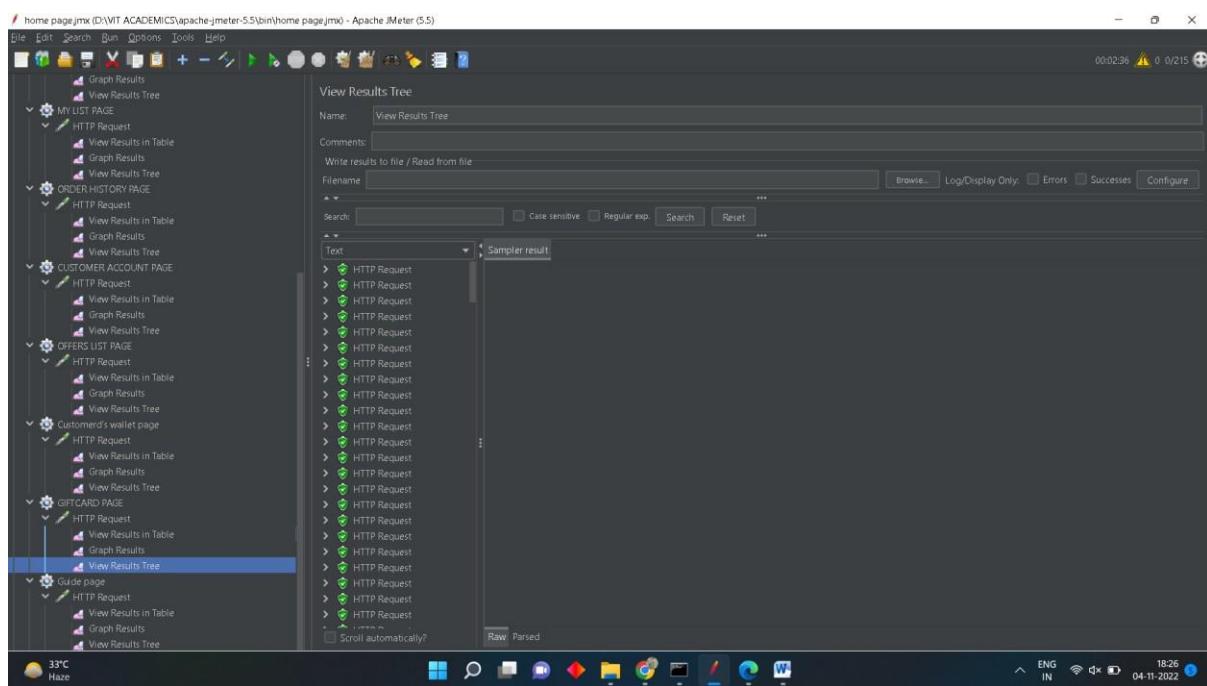
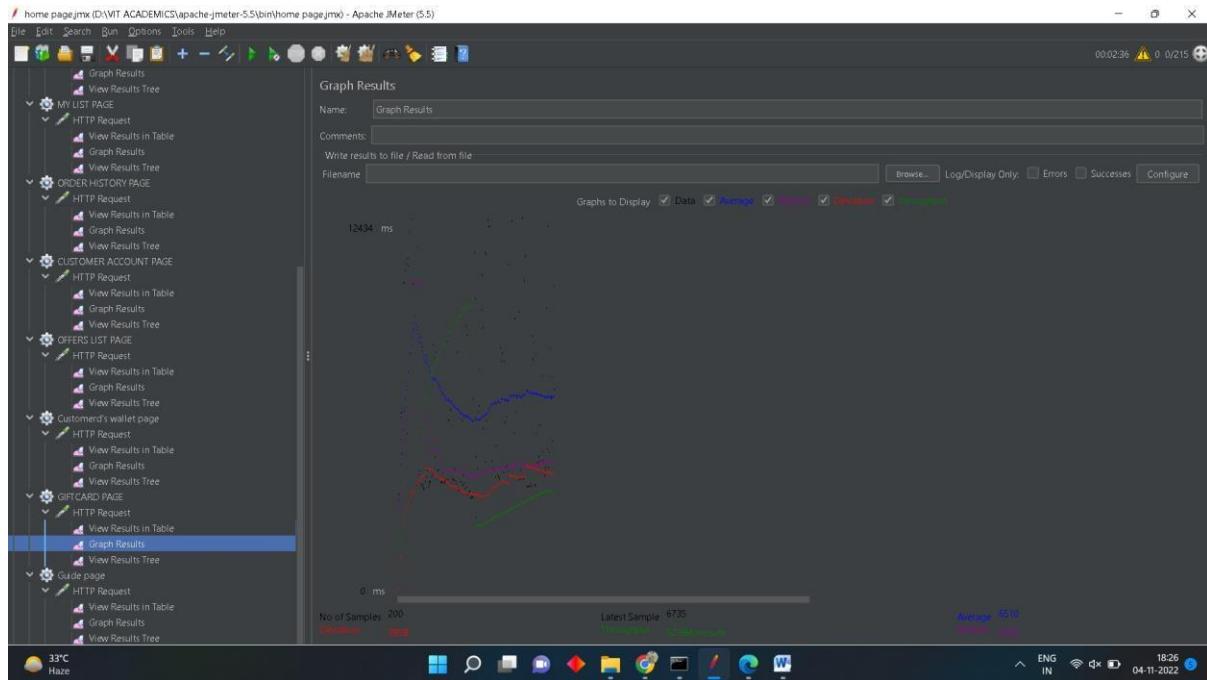
Write results to file / Read from file
Filename:

Browse... Log/Display Only Errors Successes Configure

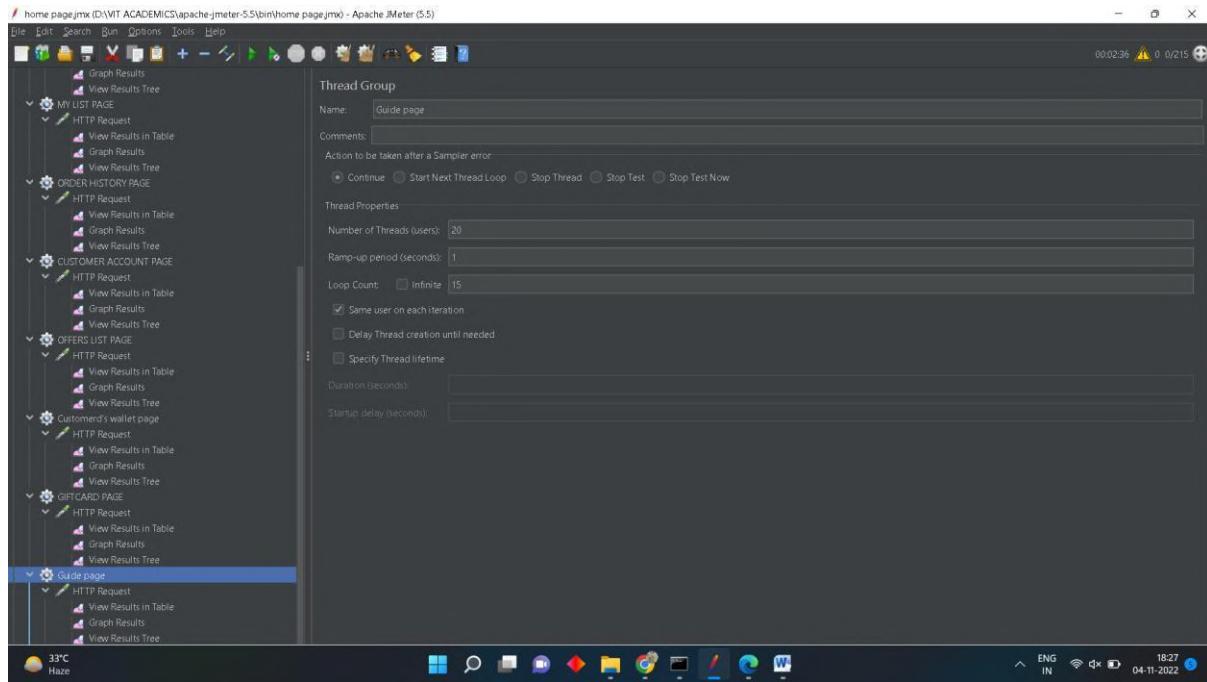
Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
76	134420.928	GIFT CARD PAGE 1...	HTTP Request	1900	OK	5130	268	1800	0
77	134425.009	GIFT CARD PAGE 1...	HTTP Request	3418	OK	5130	268	1970	0
78	134424.979	GIFT CARD PAGE 1...	HTTP Request	3472	OK	5130	268	1923	0
79	134425.192	GIFT CARD PAGE 1...	HTTP Request	3417	OK	5130	268	1860	0
80	134425.480	GIFT CARD PAGE 1...	HTTP Request	3436	OK	5130	268	1851	0
81	134425.248	GIFT CARD PAGE 1...	HTTP Request	3703	OK	5130	268	2133	0
82	134423.293	GIFT CARD PAGE 1...	HTTP Request	5711	OK	5130	268	1916	0
83	134426.037	GIFT CARD PAGE 1...	HTTP Request	3599	OK	5130	268	1888	0
84	134425.916	GIFT CARD PAGE 1...	HTTP Request	3907	OK	5130	268	2157	0
85	134426.573	GIFT CARD PAGE 1...	HTTP Request	3676	OK	5130	268	1935	0
86	134426.573	GIFT CARD PAGE 1...	HTTP Request	3475	OK	5130	268	1739	0
87	134421.378	GIFT CARD PAGE 1...	HTTP Request	8800	OK	5130	268	2061	0
88	134426.870	GIFT CARD PAGE 1...	HTTP Request	3524	OK	5130	268	1674	0
89	134422.612	GIFT CARD PAGE 1...	HTTP Request	8518	OK	5130	268	2395	0
90	134428.294	GIFT CARD PAGE 1...	HTTP Request	3289	OK	5130	268	1837	0
91	134428.427	GIFT CARD PAGE 1...	HTTP Request	3376	OK	5130	268	1905	0
92	134428.450	GIFT CARD PAGE 1...	HTTP Request	3388	OK	5130	268	1957	0
93	134428.916	GIFT CARD PAGE 1...	HTTP Request	3162	OK	5130	268	1722	0
94	134428.951	GIFT CARD PAGE 1...	HTTP Request	3180	OK	5130	268	1755	0
95	134429.004	GIFT CARD PAGE 1...	HTTP Request	3177	OK	5130	268	1737	0
96	134430.040	GIFT CARD PAGE 1...	HTTP Request	3209	OK	5130	268	1452	0
97	134430.177	GIFT CARD PAGE 1...	HTTP Request	6426	OK	5130	268	1467	0
98	134426.065	GIFT CARD PAGE 1...	HTTP Request	11236	OK	5130	268	1932	0
99	134431.130	GIFT CARD PAGE 1...	HTTP Request	9713	OK	5130	268	1547	0
100	134436.604	GIFT CARD PAGE 1...	HTTP Request	4531	OK	5130	268	2509	0

Scroll automatically? Child samples? No of Samples: 200 Latest Sample: 6735 Average: 6538 Standard Deviation: 3986

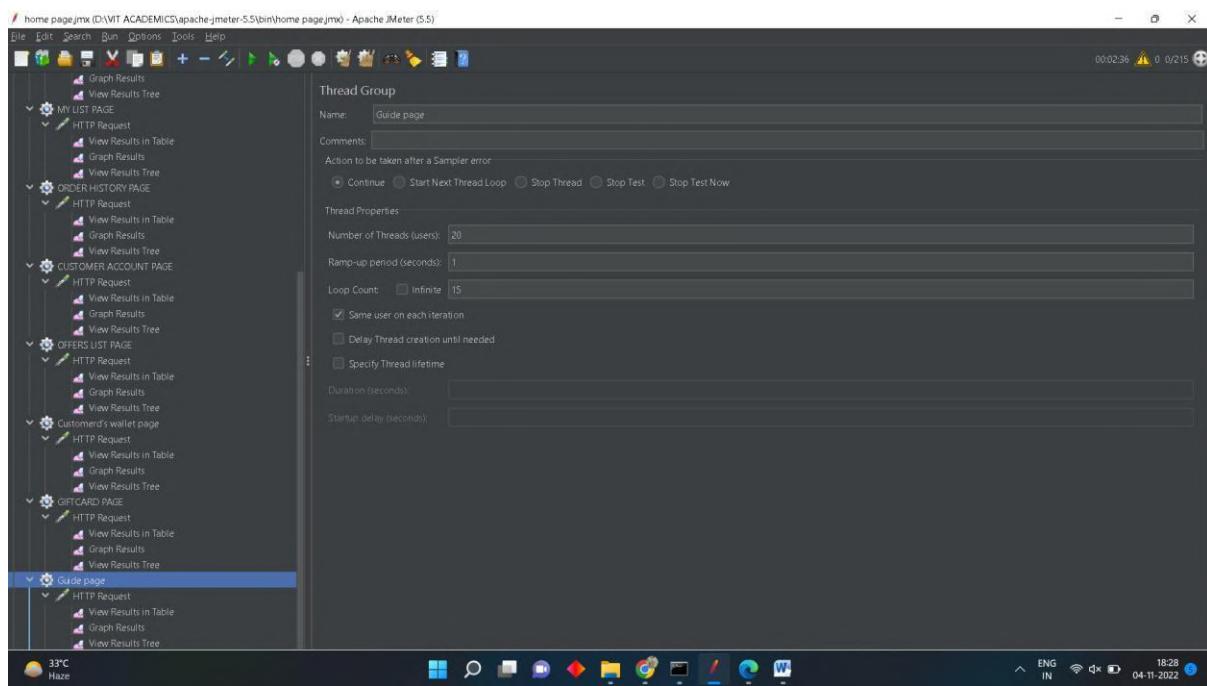
ENG IN 18:26 04-11-2022

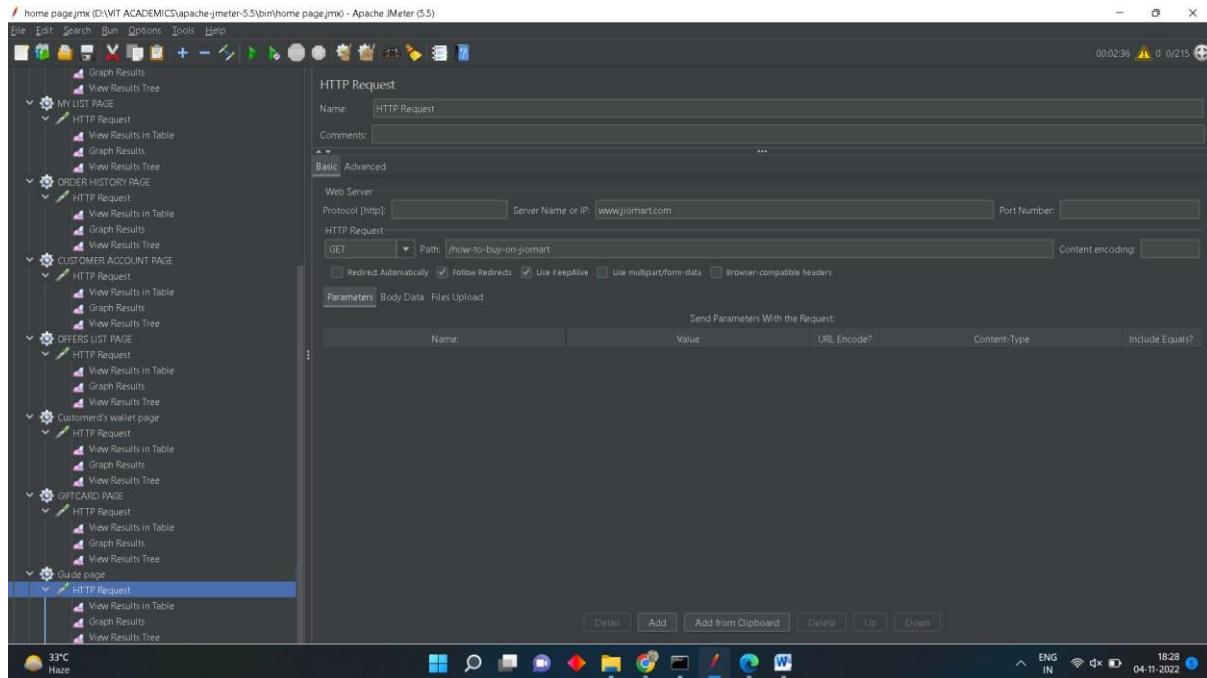


GUIDE PAGE



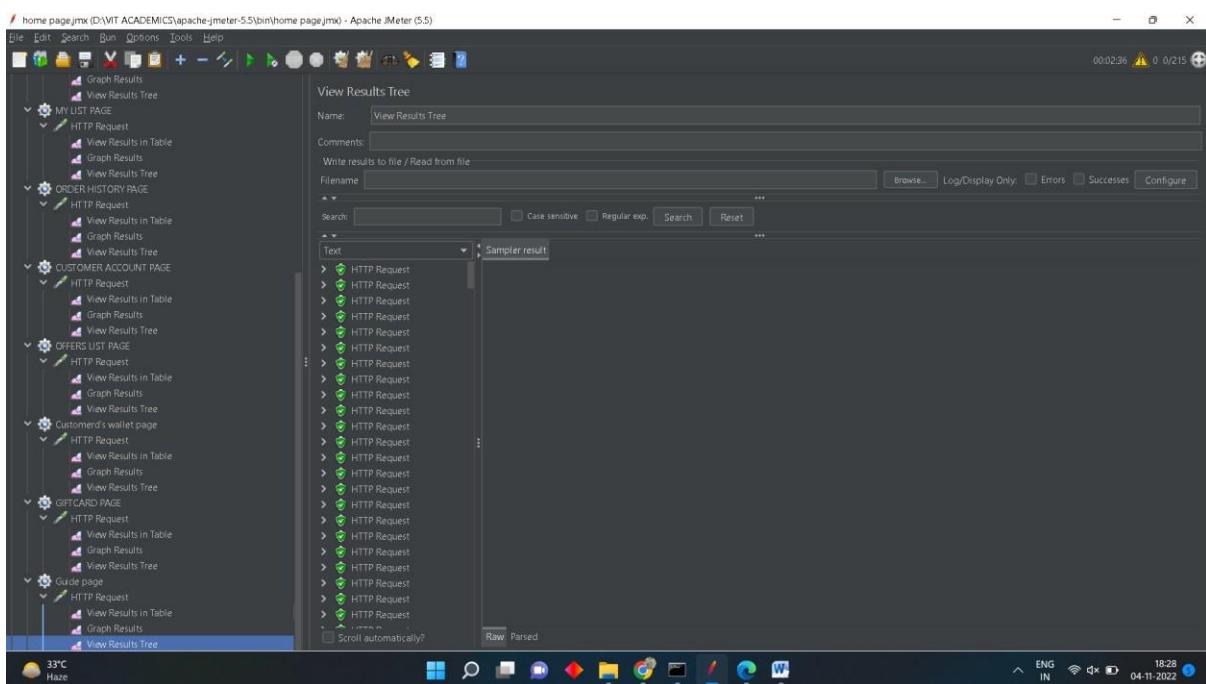
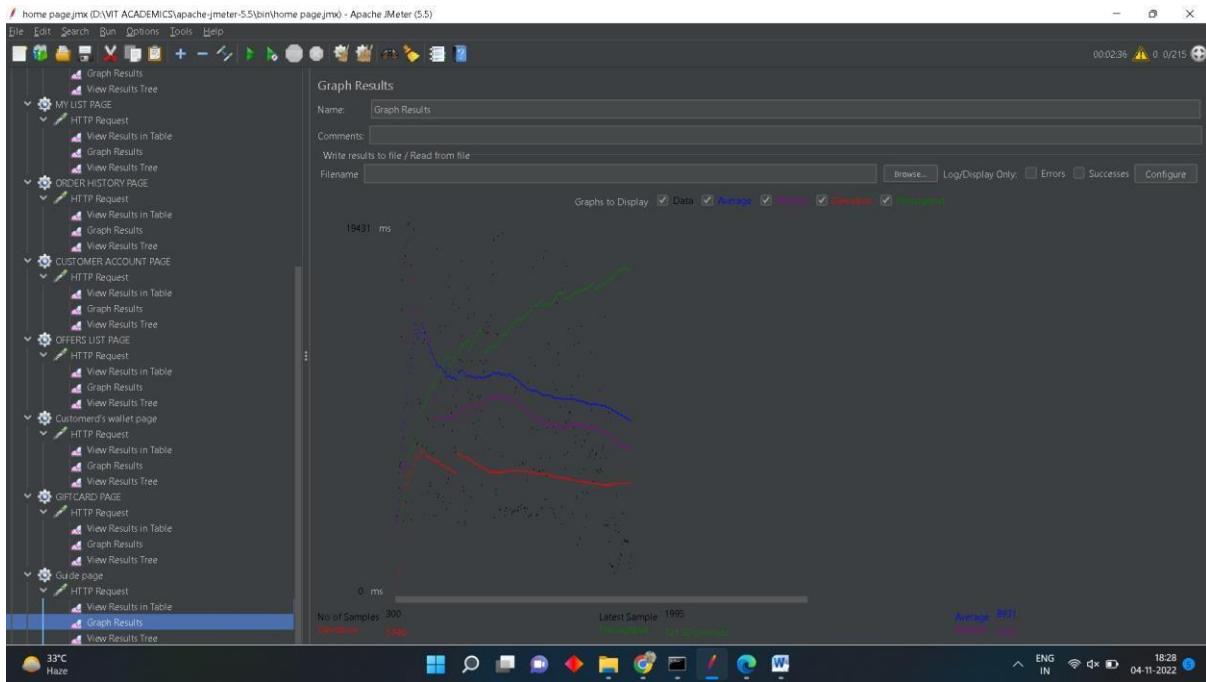
GUIDE PAGE





The screenshot shows the 'View Results in Table' dialog in Apache JMeter 5.5. The tree view on the left shows the same test plan structure as the previous screenshot. The main panel is titled 'View Results in Table' and includes fields for 'Name' (set to 'ViewResults in Table') and 'Comments'. It features a 'Browse...' button and checkboxes for 'Log/Display Only', 'Errors', and 'Successes'. A 'Configure' button is also present. Below these are two tabs: 'Filename' and a table view. The table has columns: Sample #, Start Time, Thread Name, Label, Sample Time(ms), Status, Bytes, Sent Bytes, Latency, and Connect Time(ms). The table lists 300 samples, each with a green checkmark icon. At the bottom of the table, there are buttons for 'Scroll automatically?' and 'Child samples?'. Below the table, status information is provided: 'No of Samples: 300', 'Latest Sample: 1995', 'Average: 8331', and 'Duration: 1946ms'. The system tray at the bottom shows the date as 04-11-2022 and the time as 18:28.

Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
276	134835.801	Guide page 11-19	HTTP Request	1420	✓	39354	276	849	0
277	134833.910	Guide page 11-7	HTTP Request	1425	✓	39354	276	832	0
278	134831.476	Guide page 11-10	HTTP Request	3929	✓	39354	276	1569	0
279	134834.651	Guide page 11-15	HTTP Request	1103	✓	39354	276	444	0
280	134832.305	Guide page 11-18	HTTP Request	3552	✓	39354	276	1653	0
281	134832.597	Guide page 11-4	HTTP Request	3298	✓	39354	276	1521	0
282	134831.081	Guide page 11-8	HTTP Request	5061	✓	39354	276	3076	1628
283	134835.164	Guide page 11-13	HTTP Request	1366	✓	39354	276	400	0
284	134835.162	Guide page 11-9	HTTP Request	1558	✓	39354	276	395	0
285	134833.516	Guide page 11-6	HTTP Request	3221	✓	39354	276	937	0
286	134835.335	Guide page 11-7	HTTP Request	1801	✓	39354	276	591	0
287	134835.317	Guide page 11-19	HTTP Request	2070	✓	39354	276	636	0
288	134835.404	Guide page 11-10	HTTP Request	1991	✓	39354	276	625	0
289	134835.857	Guide page 11-18	HTTP Request	2506	✓	39354	276	863	0
290	134834.296	Guide page 11-16	HTTP Request	4176	✓	39354	276	694	0
291	134835.894	Guide page 11-4	HTTP Request	2829	✓	39354	276	1105	0
292	134836.141	Guide page 11-8	HTTP Request	2788	✓	39354	276	1242	0
293	134836.740	Guide page 11-6	HTTP Request	2754	✓	39354	276	1309	0
294	134837.395	Guide page 11-10	HTTP Request	2717	✓	39354	276	1453	0
295	134838.471	Guide page 11-16	HTTP Request	2717	✓	39354	276	1310	0
296	134838.723	Guide page 11-4	HTTP Request	2763	✓	39354	276	1221	0
297	134840.113	Guide page 11-10	HTTP Request	2684	✓	39354	276	1377	0
298	134841.505	Guide page 11-4	HTTP Request	1625	✓	39354	276	1213	0
299	134843.130	Guide page 11-4	HTTP Request	1321	✓	39354	276	221	0
300	134844.450	Guide page 11-4	HTTP Request	1995	✓	39354	276	1366	0



The Analysis Graph represents the performance of the web application-

- Black: the total number of current sample sent.
- Blue: the current average of samples sent.
- Red: the current standard deviation
- Green: throughput rate that represents the number of request per minute the server handles.

Throughput- is the most important parameter. It represents the ability of the server to handle a heavy load. Higher throughput is equal to better performance

Deviation – is shown in the red line, indicates the deviation from the average
The smaller the better.

Test Cases

Test Case ID	Test Case	Test Step	Test Data	Expected Result	Actual Result	Status

TC001	Verify that the Username given by admin is valid.	<ol style="list-style-type: none"> 1. Open browser 2. Open URL 3. Enter username and password 4. Click on login button 	Email Address = ram@gmail.com Password= abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System Website should be opened • user should be able to input username and password 	Given username is valid	PASS
TC002	Verify that password given by the admin is valid	<ol style="list-style-type: none"> 1. Open browser 2. Open URL 3. Enter username and password 4. Click on login button 	Email Address = ram@gmail.com Password= abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System Website should be opened • user should be able to input username and password • Home page should be displayed after login, show warning message if password is invalid. 	Password given by the admin is invalid	FAIL
TC003	Verify that home page is displayed after login or not.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login 	Home page displayed after login.	PASS
TC004	Verify that if login credential given by cashier is valid	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 	Email Address = shyam@gmail.com Password= xyz123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Cashier's Home page should be displayed after 	Given credentials by cashier is valid	PASS

				login		
TC005	Verify the home page of application on different browsers	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • User should be logged in and home page should be same on different browsers. 	home page is same on different browsers.	PASS
TC006	Verify if billing option is available for different login type(Cashier, Admin) in home page.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • User should be logged in and billing option should be available for every login type. 	Billing option is available for different login types	PASS
TC007	Verify that functions displayed on home page are clickable.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Click on any product functions on home page	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • User should be redirected to function specification page. 	User redirected to product specification page.	PASS
TC008	Verify the alignment of the home page	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • User should be logged in and alignment of home page should be correct. 	Alignment of function on home page is correct	PASS
TC009	Verify that the function position on home page is proper.	1. Open browser 2. Open url	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened 	Function positions on home page not proper.	FAIL

		<p>3. Enter username and password</p> <p>4. Click on login button</p>		<ul style="list-style-type: none"> • Supermarket Billing System website should be opened • user should be able to input username and password • The user should be logged in and function positions on home page should be proper. 		
TC010	Verify that the entered data, product is available.	<p>1. Open browser</p> <p>2. Open url</p> <p>3. Enter username and password</p> <p>4. Click on login button</p> <p>5. Enter the data on Search filed to check for the product availability</p>	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • User should be logged in and should be able to see if the product is available or not, a message should be displayed. 	Message displayed regarding availability of product	PASS
TC011	Verify that the entered product code is valid.	<p>1. Open browser</p> <p>2. Open url</p> <p>3. Enter username and password</p> <p>4. Click on login button</p> <p>5. Enter the product code in the search filed.</p>	Email Address = ram@gmail.com Password= Abc123 Input=SOAP101	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login • Search filed should give message regarding the validity of product code 	"SOAP101 is invalid"- Message is shown	PASS
TC012	Verify that if Cashier can add Bills into the system.	<p>1. Open browser</p> <p>2. Open url</p> <p>3. Enter username and password</p> <p>4. Click on login button</p> <p>5. Enter Bill data into the Bill fields.</p>	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page. • Bill data should be entered and be able to save in the system 	Data could be added successfully by Cashier.	PASS

				database successfully.		
--	--	--	--	---------------------------	--	--

TC013	Verify that search field accepts alphabets, numbers or symbols.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Click on search field.	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> Browser should be opened Supermarket Billing System website should be opened user should be able to input username and password Home page should be displayed after login and user name should be displayed on home page Search field should accepts alphabets, numbers or symbols. Show Info about certain input. 	Show Info about certain input.	PASS
TC014	Verify that after entering search text and clicking on search icon, the search should be performed..	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Enter search text in search field and click on search icon.	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> Browser should be opened Supermarket Billing System website should be opened user should be able to input username and password Home page should be displayed after login and user name should be displayed on home page Search should be performed according to search text provided by user.. 	Search performed according to search text provided by user.	PASS
TC015	Verify that user should be able to search based on product name, brand name or product specification..	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Enter search text in search field and click on search icon..	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> Browser should be opened Supermarket Billing System website should be opened user should be able to input username and password Home page should be displayed after login and user name should be displayed on home page User should be able to perform search bases on product name, brand name or product specification. 	User able to search by product specification.	PASS

TC016	Verify that sorting options should be present on search results page.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Enter search text in search field and click on search icon. 	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • Search should be performed according to search text provided by user and sorting options should be present on search results page. 	sorting option NOT present.	FAIL
TC017	Verify that the stock updated details can be added successfully by admin.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Enter stock details in update details function on home page. 	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • Stock details should be successfully added. 	Stock update data is added successfully- Message displayed.	PASS
TC018	Check if Stock update details are valid by admin.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Search for stock update using stock code . 	Email Address = ram@gmail.com Password= Abc123 Input=STOCK1	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • Search should be performed according to text provided by admin and valid/invalid message should be displayed accordingly. 	Invalid message is shown, Stock Update check is done.	PASS

TC019	To check when the user enters the first letter of the product name itself it must display the products list starting with that letter	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Enter first letter of product in billing section.	Email Address = ram@gmail.com Password= Abc123 Input=S	<ul style="list-style-type: none"> Browser should be opened Supermarket Billing System website should be opened user should be able to input username and password Home page should be displayed after login and user name should be displayed on home page Every products' that starting with the letter should be displayed. 	No list was displayed until full product name was entered.	FAIL
TC020	Verify that images of product are displayed correctly.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Click on a product displayed	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> Browser should be opened Supermarket Billing System website should be opened user should be able to input username and password Home page should be displayed after login and user name should be displayed on home page the images of product should be displayed correctly. 	the images of product displayed correctly.	PASS
TC021	Verify that price of product is displayed.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Enter product name in billing section.	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> Browser should be opened Supermarket Billing System website should be opened user should be able to input username and password Home page should be displayed after login and user name should be displayed on home page the price of product should be displayed correctly along with product details. 	the price of product is displayed correctly along.	PASS
TC022	To check whether the product cannot entered without qty.	1. Open browser 2. Open url 3. Enter username	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> Browser should be opened 	The system cannot bill/Add details to database until product quantity is specified	PASS

		<p>4. and password</p> <p>Click on login button</p> <p>5. Enter product name in billing section and proceed to enter details to database</p>		<ul style="list-style-type: none"> • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The system should restrict billing of product without specifying quantity. 		
TC023	Verify that product specifications are displayed.	<p>1. Open browser</p> <p>Open url</p> <p>2. Enter username and password</p> <p>3. Click on login button</p> <p>4. Click on a product displayed on home page.</p>	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • Product specifications should be displayed. 	Product specifications should be displayed.	PASS
TC024	Verify that information about IN-Stock/Out-Stock are displayed for cashier.	<p>1. Open browser</p> <p>Open url</p> <p>2. Enter username and password</p> <p>3. Click on login button</p> <p>4. Click on a product while billing in home page.</p>	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • Stock information should be displayed. 	Stock information NOT displayed.	FAIL
TC025	To check if Cashier can delete an added item out from billing.	<p>1. Open browser</p> <p>Open url</p> <p>2. Enter username and password</p> <p>3. Click on login button</p> <p>4. Click on delete product displayed on side of the added product in billing section.</p>	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page <p>The user should be able</p>	The user could delete item off the list successfully.	PASS

					<p>to cut off product from already added list before billing</p>		
--	--	--	--	--	--	--	--

TC026	Verify that all the variations of product are displayed.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Search for the product name on the search field . 	Email Address = ram@gmail.com Password= Abc123 Input=PEN	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • All the variations of product should be displayed when searched. 	All the variations of product are displayed.	PASS
TC027	Verify the given products in the bill has any offer available	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Enter the products into the bill. 6. Click on check available offer 	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • All the available offers on the product are available 	All the available offers are NOT displayed.	FAIL
TC028	Check if cashier can add the customer info successfully.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Click on add customer info on home page. 	Email Address = ram@gmail.com Password= Abc123 Input=XXXXXXXXX9	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The cashier can add the info and added info message should be displayed. 	Customer info added message is recived.	PASS
TC029	Check if a customer already has an account.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Add the customer info in the 	Email Address = ram@gmail.com Password= Abc123 Input=xxxxxxxxx9	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • The Customer info should be displayed. 	The Customer info is redirected to the User and displayed.	PASS

		billing section		be redirected to user if already exists.		
--	--	--------------------	--	--	--	--

TC030	Verify that when user inputs customer details, their wallet info and points available are displayed.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Click on a product displayed on home page. 6. Click on the Customer profile in the billing section. 7. Click on wallet details and points 	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The product page should be displayed. • The available points and wallet details of the customer should be displayed. 	The Customer wallet details and points are displayed.	PASS
TC031	Verify that user should be able to calculate the total bill.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Click on a product displayed on home page. 6. Click on process bill in the billing section. 	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The product page should be displayed. • The price of products according to quantity should be added and displayed. 	The total amount of bill should be dispalyed.	PASS
TC032	Verify that if user can apply offers on the processed bill	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Click on a product displayed on home page. 6. Click on apply offers on billing section 	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The offers available on products 	The offers were applied and amount deducted successfully.	PASS

				should be deducted and revised amount should be displayed		
--	--	--	--	---	--	--

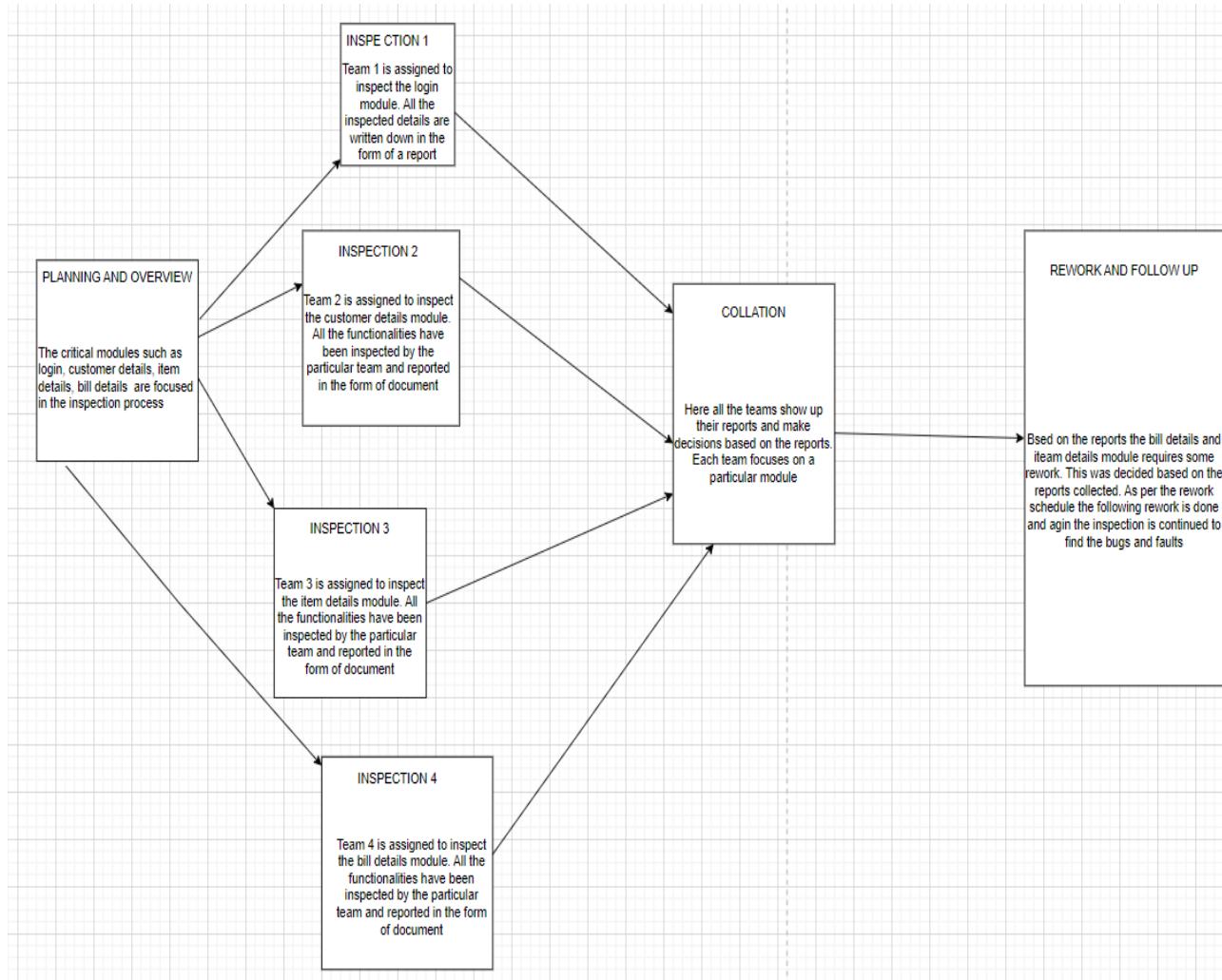
TC033	Verify that the User can apply available points from the wallet on the bill processed	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Click on Apply wallet points in billing section	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The applied points price should be deducted from total bill and displayed 	The points prices were deducted and revised bill is displayed.	PASS
TC034	Check if taxes are added to the billing amount.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Go to the billing section 6. Click on process bill 7. Click on process taxes.	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The taxes on products should be added and displayed on the bill. 	The taxes were NOT added and displayed.	FAIL
TC035	Verify that user should not be able to add a particular product in bill more than once.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user 	The user was not able to add a particular item to the bill more than once.	PASS

		6. Click on add to bill for the particular product for many times.		<p>name should be displayed on home page.</p> <p>The user should not be able to add a particular item for more than once.</p>		
TC036	Verify if the system intakes a products in every 3 second.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Add items to the bill	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The system should wait for 3 sec until the next item is added 	The system took inputs only in every 3 sec.	PASS
TC037	Verify that user should get order details by message or email.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Click on a product displayed on home page. 6. Go to billing section 7. Add items to bill 8. Click on Checkout button. 9. Make payment.	Email Address = ram@gmail.com Password= Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page <p>The product should be added to bill.</p> <ul style="list-style-type: none"> • The checkout page should be displayed with delivery details. <p>User should get order details by message or email.</p>	User DID NOT receive order details by message or email	FAIL
TC038	Verify that User can close a billing section and move to new billing even when previous one is not completed.	1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Go to billing section 6. Add items to bill	Email Address = ram@gmail.com Password= Abc123 Input=Cal-fx101	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed • The 	The user was able to close the current billing window and move to new bill.	PASS

		7. Click on process new bill		existing window can be closed and new billing can be started.		
--	--	------------------------------	--	---	--	--

TC039	Verify that Billing status is updated to paid after payment .	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Go to billing section 6. Add items to bill 7. Click on Checkout button. 8. Make payment. 	Email Address = ram@gmail.com Password=Abc123	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The product should be added to bill. • The checkout page should be displayed with payments options. • The payment should be made and billing status should be updated to Paid. 	The billing status was updated to Paid after payment.	PASS
T C 0 4 0	Verify that user should be directed to home page aftercheckout.	<ol style="list-style-type: none"> 1. Open browser 2. Open url 3. Enter username and password 4. Click on login button 5. Go to billing section 6. Click on add to bill for the product 7. Click on Checkout button. 8. Make payment. 	Email Address = ram@gmail.com Password=Abc123 Input=Cal-fx101	<ul style="list-style-type: none"> • Browser should be opened • Supermarket Billing System website should be opened • user should be able to input username and password • Home page should be displayed after login and user name should be displayed on home page • The checkout page should be displayed with delivery details. • Their order should be confirmed and user should be directed to home page. 	The order payment was confirmed and user should be directed to home page.	PASS

N-FOLD INSPECTION



Follow up report-

SNO	ISSUES FOUND	RESOLVED	UNRESOLVED
1	Login authentication error	✓	

2	OTP not generated	✓
3	Alphanumeric password not accepted	✗
4	Item_id not displayed correctly	✓
5	Item total quantity is unknown	✗
6	Customer modified changes not being updated	✓
7	Bank details not authenticated	✓

REVIEW-3

FUNCTIONAL TESTING THROUGH SELENIUM:

Testing navigation bar pages:

//code

```
package Selenium;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

public class nav_bar {

    public static void main(String[] args) throws InterruptedException {

        System.setProperty("webdriver.chrome.driver",
                           "C:\\\\Users\\\\ARYAN
VERMA\\\\OneDrive\\\\Desktop\\\\testing\\\\chromedriver_win32\\\\chromedriver.exe");

        WebDriver driver=new ChromeDriver();

        //Home Page

        driver.get("https://www.jiomart.com");

        driver.manage().window().maximize();

        Thread.sleep(1000);

        //Groceries page

        driver.get("https://www.jiomart.com/c/groceries/2");

        driver.manage().window().maximize();

        Thread.sleep(500);

        //Premium fruits

        driver.get("https://www.jiomart.com/c/premiumfruits/6047");

        driver.manage().window().maximize();

        Thread.sleep(500);

        //Home and kitchen

        driver.get("https://www.jiomart.com/c/homeandkitchen/8582");

        driver.manage().window().maximize();
```

```
Thread.sleep(500);

//Fashion

driver.get("https://www.jiomart.com/c/fashion/3");

driver.manage().window().maximize();

Thread.sleep(500);

//Electronics

driver.get("https://www.jiomart.com/c/electronics/4");

driver.manage().window().maximize();

Thread.sleep(500);

//Beauty

driver.get("https://www.jiomart.com/c/beauty/5");

driver.manage().window().maximize();

Thread.sleep(500);

//Jewellery

driver.get("https://www.jiomart.com/c/jewellery/1524");

driver.manage().window().maximize();

Thread.sleep(500);

//Home Improvement

driver.get("https://www.jiomart.com/c/homeimprovement/8583");

driver.manage().window().maximize();

Thread.sleep(500);

//Sports Toys Luggage

driver.get("https://www.jiomart.com/c/sportstoysluggage/8584");

driver.manage().window().maximize();

Thread.sleep(500);

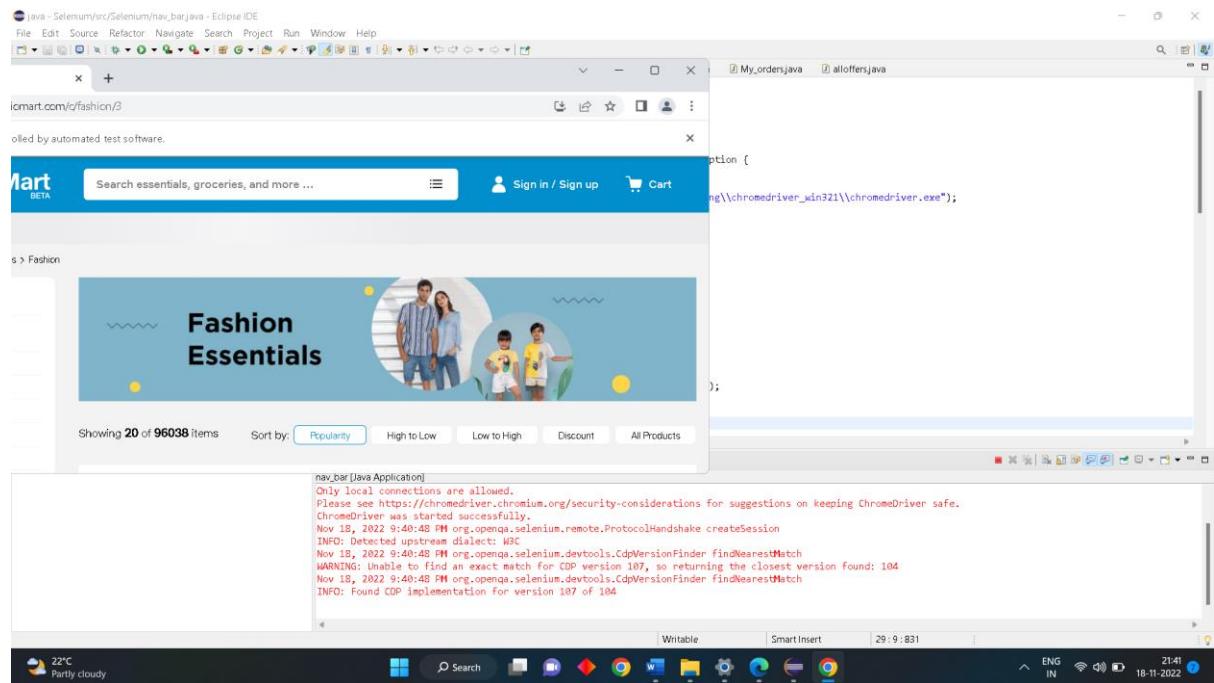
String at=driver.getTitle();
```

```
String et="Sportstoysluggage - JioMart";
```

```
        driver.quit(); //closing browser  
  
        if(at.equalsIgnoreCase(et)) {  
  
            System.out.println("Test Successful");  
  
        }  
  
        else {  
  
            System.out.println("Test Failure");  
  
        }  
  
    }  

```

OUTPUT SCREENSHOT



```

<terminated> nav_bar [Java Application] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (18-Nov-2022, 9:40:45 pm – 9:41:24 pm)
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver was started successfully.
Nov 18, 2022 9:40:48 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected upstream dialect: W3C
Nov 18, 2022 9:40:48 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 107, so returning the closest version found: 104
Nov 18, 2022 9:40:48 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
INFO: Found CDP implementation for version 107 of 104
Test Successful

```

Testing Add to Cart page:

//code

```

package Selenium;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class Addtocart {

    public static void main(String[] args) throws InterruptedException
    {
        System.setProperty("webdriver.chrome.driver",
                           "C:\\\\Users\\\\ARYAN
VERMA\\\\OneDrive\\\\Desktop\\\\testing\\\\chromedriver_win32\\\\chromedriver.exe");

        WebDriver driver=new ChromeDriver(); //Parent p=new
Child    (WebDriver is Parent & ChromeDriver is Child)

        driver.get("https://www.jiomart.com"); //Home page
        driver.manage().window().maximize();
        Thread.sleep(2000);

        driver.findElement(By.id("autocomplete-0-
input")).sendKeys("RICE");
        Thread.sleep(1000);

        driver.get("https://www.jiomart.com/catalogsearch/result?q=RICE");
        Thread.sleep(1000);
        driver.findElement(By.className("add_plus")).click();
        Thread.sleep(1000);
        driver.findElement(By.className("cart_text")).click();
        Thread.sleep(2000);
        //closing browser

        String att=driver.getTitle();
    }
}

```

```

        String ett="Buy Grocery Online at Best Prices Pan
India";

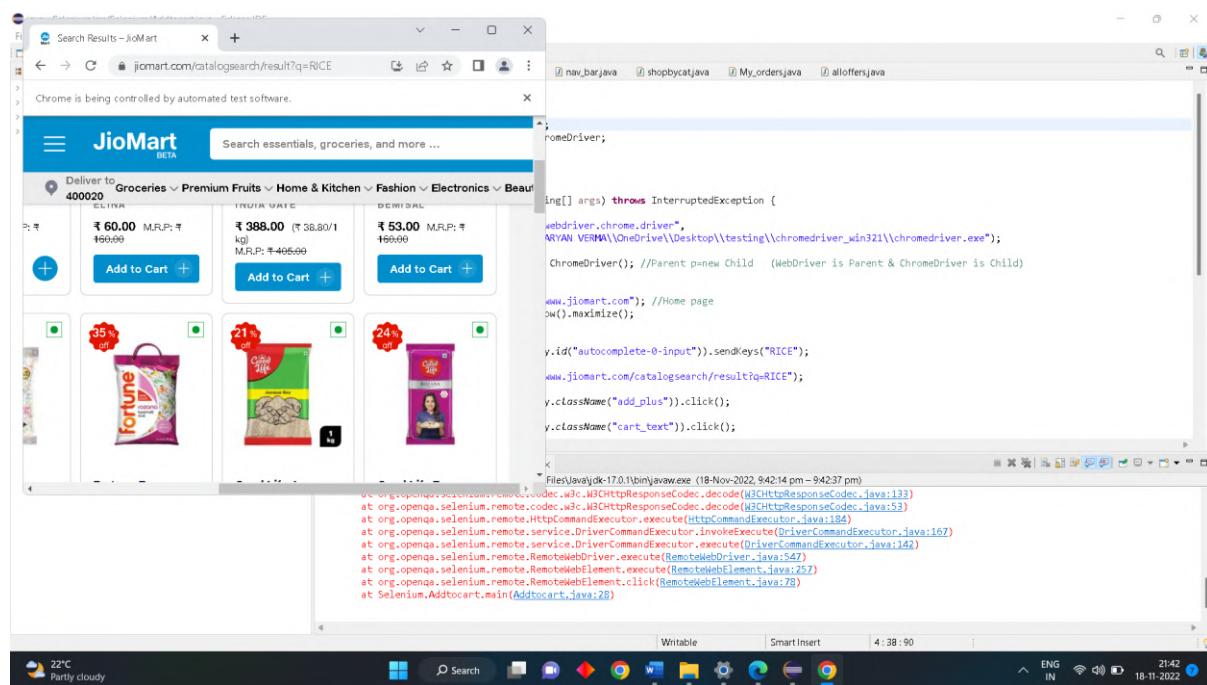
        if(att.equalsIgnoreCase(ett)) {
            System.out.println("Test Successful");
        }
        else {
            System.out.println("Test Failure");
        }

        driver.quit();
    }

}

```

OUTPUT SCREENSHOT



```

<terminated> Addtocart[Java Application] C:\Program Files\Java\jdk-17.0.1\bin\javaw.exe (18-Nov-2022, 9:42:49 pm - 9:43:18 pm)
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Nov 18, 2022 9:42:52 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected upstream dialect: W3C
Nov 18, 2022 9:42:52 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 107, so returning the closest version found: 104
Nov 18, 2022 9:42:52 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
INFO: Found CDP implementation for version 107 of 104
Test Successful

```

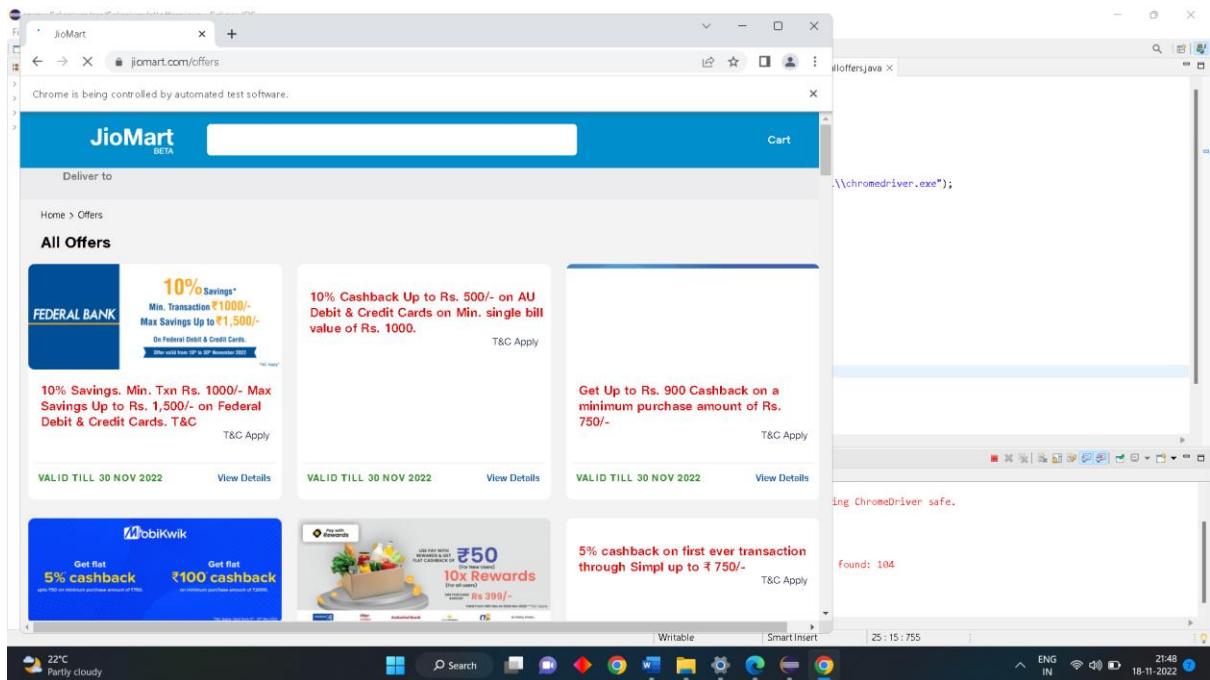
Testing All offers page:

//code

```
package Selenium;

import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
public class alloffers {
    public static void main(String[] args) throws InterruptedException{
        // TODO Auto-generated method stub
        System.setProperty("webdriver.chrome.driver",
        "C:\\\\Users\\\\ARYANVERMA\\\\OneDrive\\\\Desktop\\\\testing\\\\chromedriver_win321\\\\chromedriver.exe");
        WebDriver driver=new ChromeDriver();
        driver.get("https://www.jiomart.com/offers"); // opening url
        driver.manage().window().maximize();
        Thread.sleep(2000);
        String at=driver.getTitle();
        String et="JioMart";
        driver.quit(); //closing browser
        if(at.equalsIgnoreCase(et)) {
            System.out.println("Test Successful");
        }
        else {
            System.out.println("Test Failure");
        }
    }
}
```

OUTPUT SCREENSHOT:



```
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.  
ChromeDriver was started successfully.  
Nov 18, 2022 9:46:10 PM org.openqa.selenium.remote.ProtocolHandshake createSession  
INFO: Detected upstream dialect: W3C  
Nov 18, 2022 9:46:10 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch  
WARNING: Unable to find an exact match for CDP version 107, so returning the closest version found: 104  
Nov 18, 2022 9:46:10 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch  
INFO: Found CDP implementation for version 107 of 104  
Test Successful
```

Testing shop by category page:

```
//code  
  
package Selenium;  
  
import org.openqa.selenium.By;  
  
import org.openqa.selenium.WebDriver;  
  
import org.openqa.selenium.chrome.ChromeDriver;  
  
public class shopbycat {  
  
    public static void main(String[] args) throws InterruptedException {  
  
        // TODO Auto-generated method stub  
  
        System.setProperty("webdriver.chrome.driver",
```

```

"C:\\\\Users\\\\ARYANVERMA\\\\OneDrive\\\\Desktop\\\\testing\\\\chromedriver_win32\\\\chromedriver.exe");

WebDriver driver=new ChromeDriver(); //Parent p=new Child (WebDriver is Parent &
ChromeDriver is Child)

    driver.get("https://www.jiomart.com"); // opening url

    driver.manage().window().maximize();

    Thread.sleep(1000);

    driver.get("https://www.jiomart.com/all-category");

    driver.findElement(By.className("cat_sub_name")).click();

    Thread.sleep(1000);

    driver.findElement(By.className("cat_name")).click();

    Thread.sleep(1000);

    driver.get("https://www.jiomart.com/c/groceries/fruits-vegetables/219");

    String at=driver.getTitle();

String et="Fruits Vegetables - JioMart";

    //closing browser

    if(at.equalsIgnoreCase(et)) {

        System.out.println("Test Successful");

    }

    else {

        System.out.println("Test Failure");

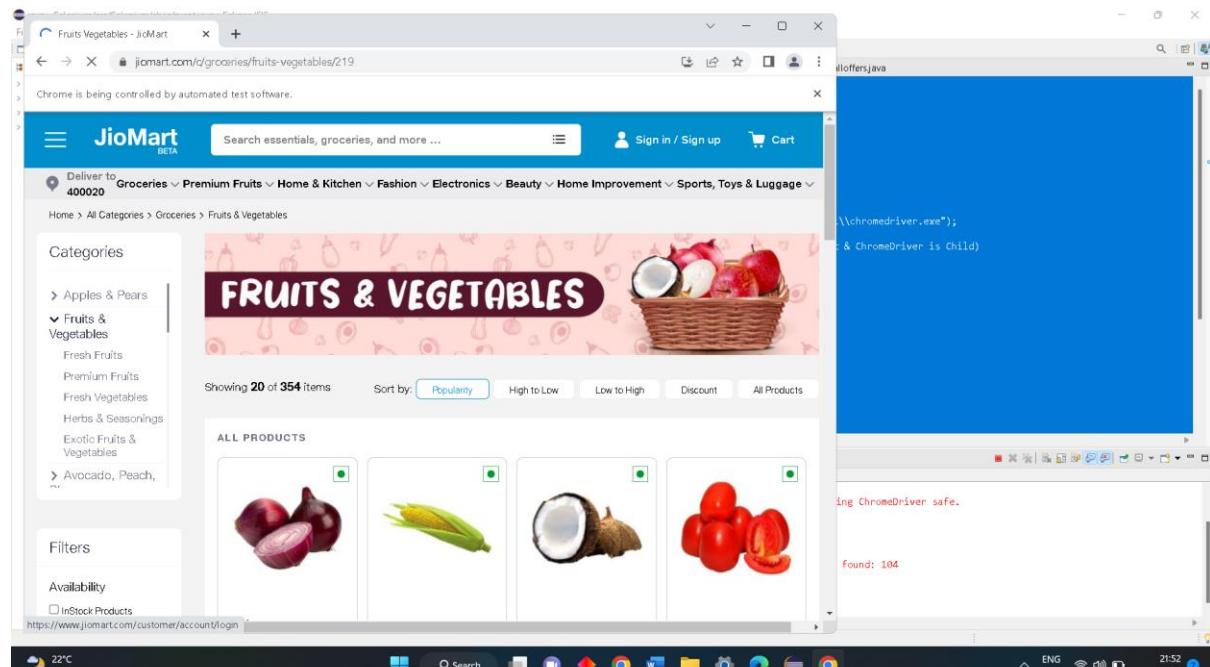
    }

    driver.quit();

}

```

OUTPUT SCREENSHOT



```
Only local connections are allowed.
Please see https://chromedriver.chromium.org/security-considerations for suggestions on keeping ChromeDriver safe.
ChromeDriver was started successfully.
Nov 18, 2022 9:51:43 PM org.openqa.selenium.remote.ProtocolHandshake createSession
INFO: Detected upstream dialect: W3C
Nov 18, 2022 9:51:43 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
WARNING: Unable to find an exact match for CDP version 107, so returning the closest version found: 104
Nov 18, 2022 9:51:43 PM org.openqa.selenium.devtools.CdpVersionFinder findNearestMatch
INFO: Found CDP implementation for version 107 of 104
Test Successful
```