

# Phase-3 Practice Project-JMeter

Repository: [https://github.com/Joshnitha/Phase2\\_Practice-Projects/](https://github.com/Joshnitha/Phase2_Practice-Projects/)

Repository link of Assisted Practices :

[https://github.com/Joshnitha/Phase1\\_Practice\\_Projects/tree/main](https://github.com/Joshnitha/Phase1_Practice_Projects/tree/main)

## Evaluate the Performance of an E-learning Application Using Jmeter

### Description

As a Test Engineer, you are asked to develop an evaluation test for users logged into an e-learning application.

#### **Background of the problem statement:**

As a part of the performance testing in any web portal, the back-end admin requires a module that can retrieve the performance of all the functions. This should be as per your requirement.

#### **You must use the following:**

- JMeter 5.1.1 version
- Java Development Kit (Version 8)

**URL to test:** [www.simplilearn.com](http://www.simplilearn.com)

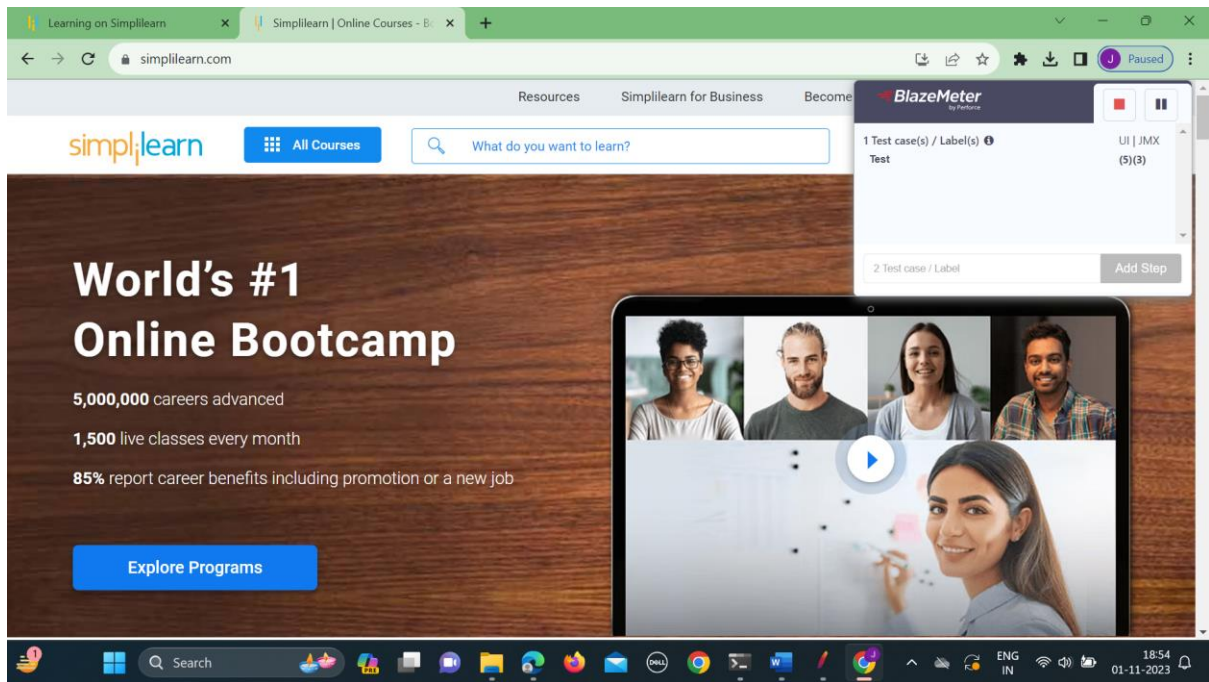
### **Steps:**

Record a script using blazemeter

Open [www.simplilearn.com](http://www.simplilearn.com)

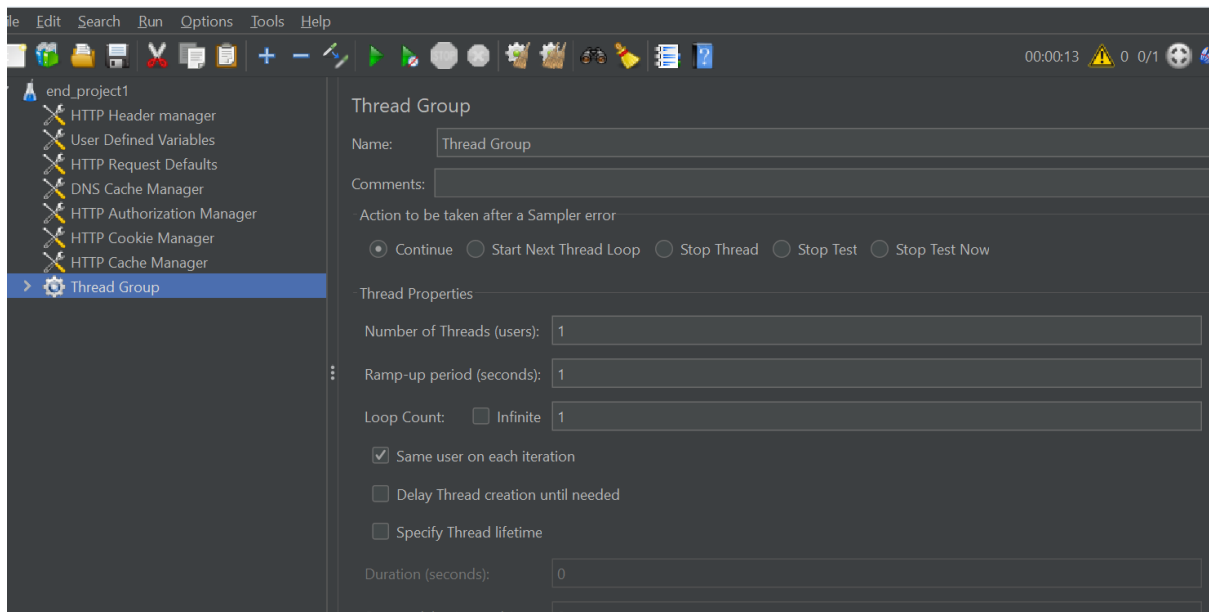
Click on login

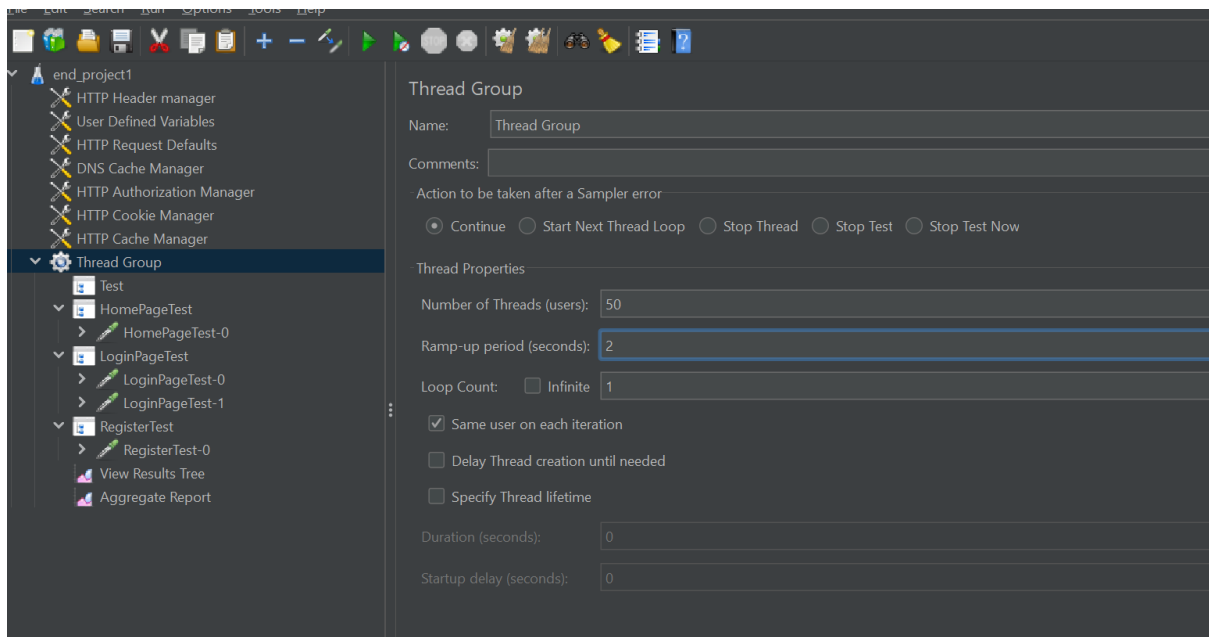
Then click on signin



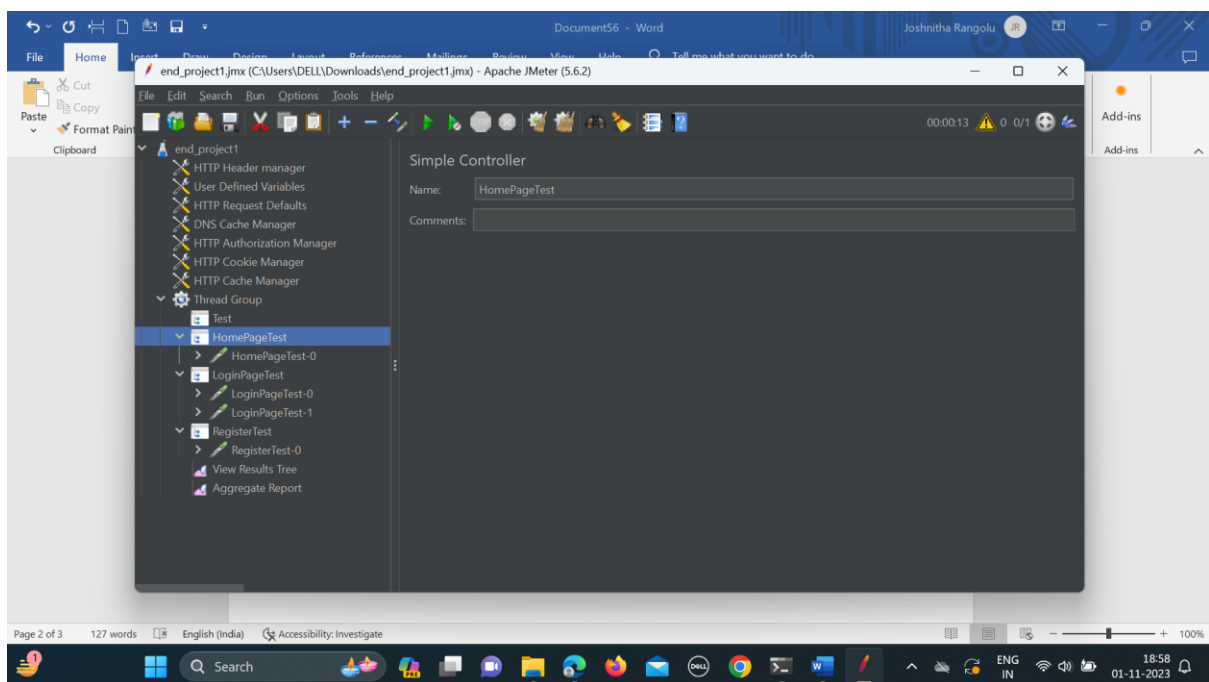
Save the file.

Then open Jmeter and open the saved file .



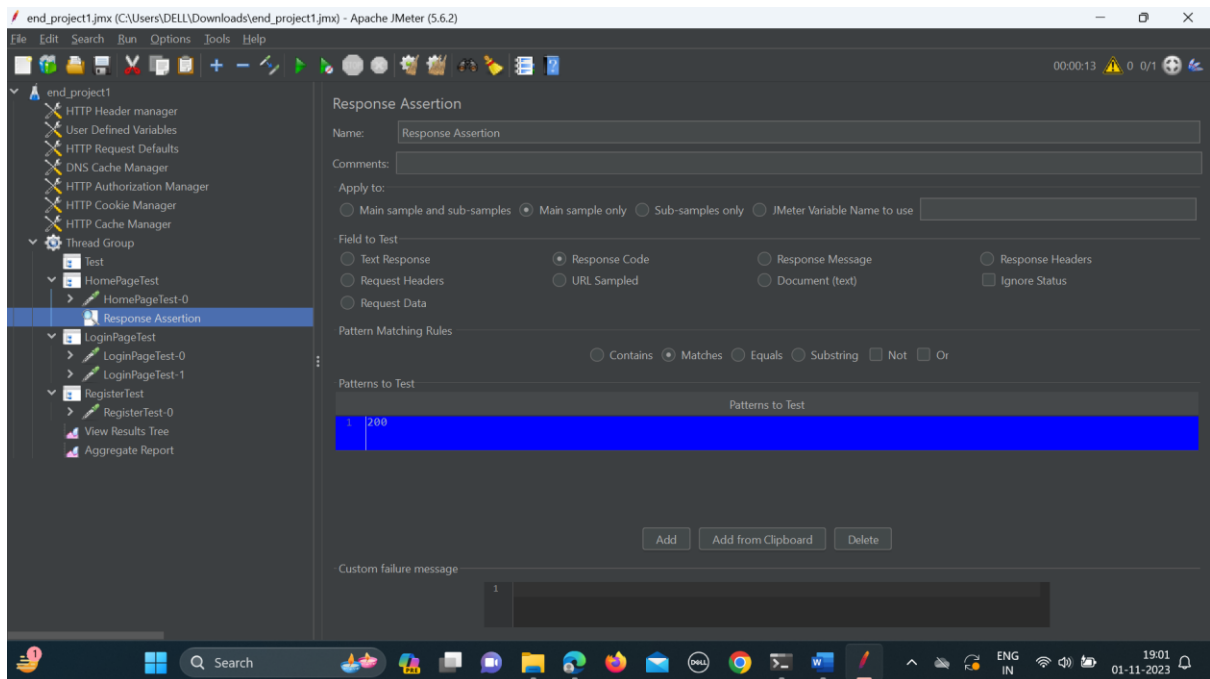
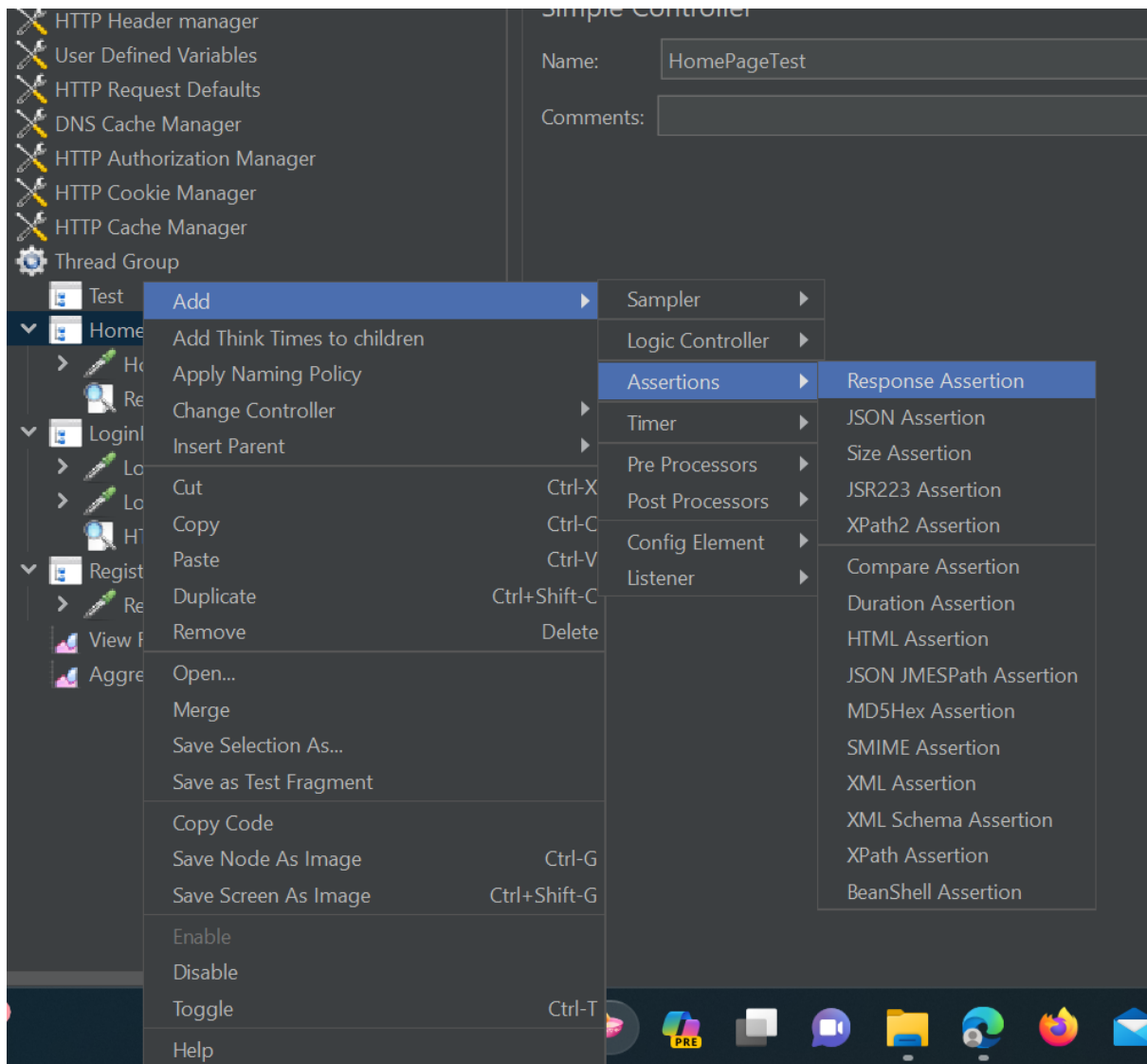


Then add simpler Controllers and place the steps in simpler Controllers

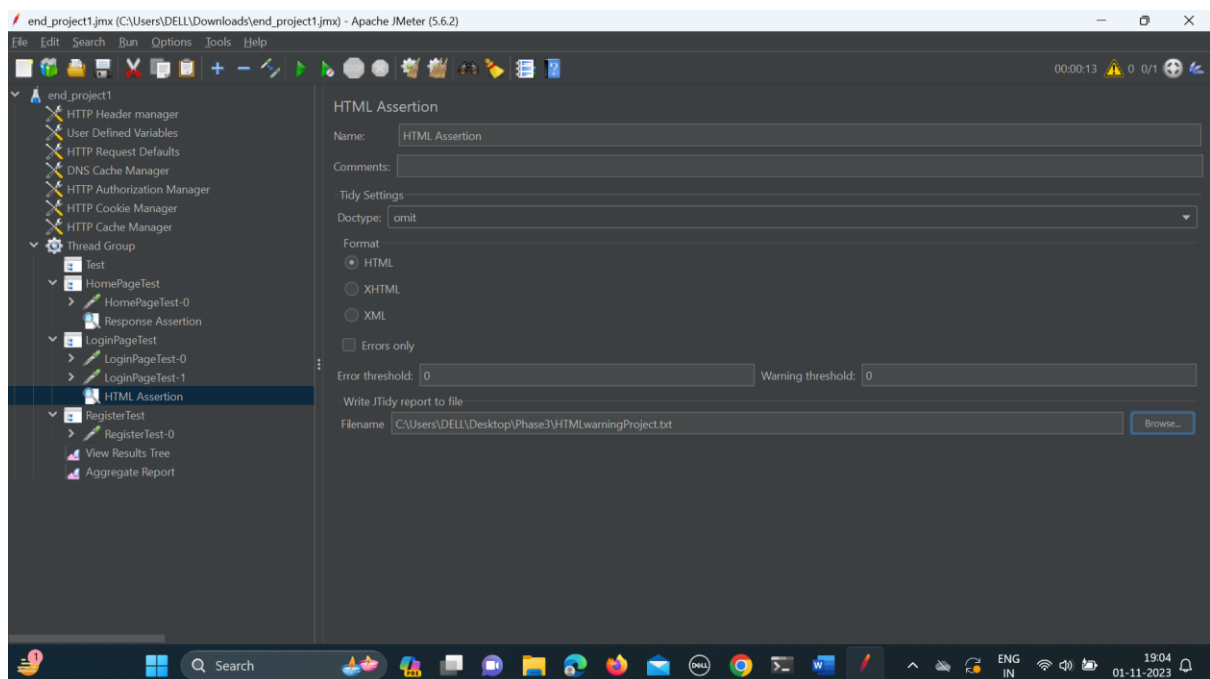
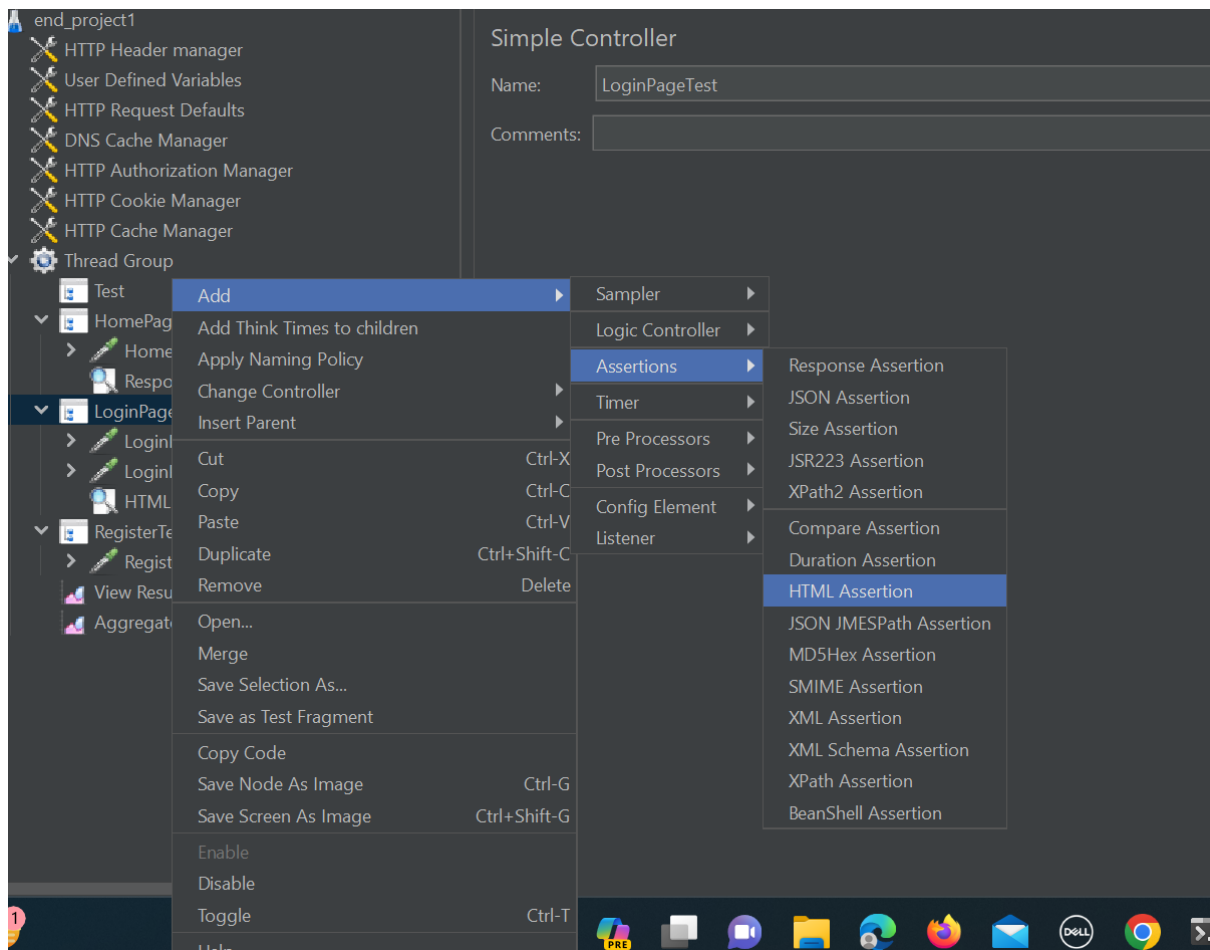


Add view results tree and Aggregate report

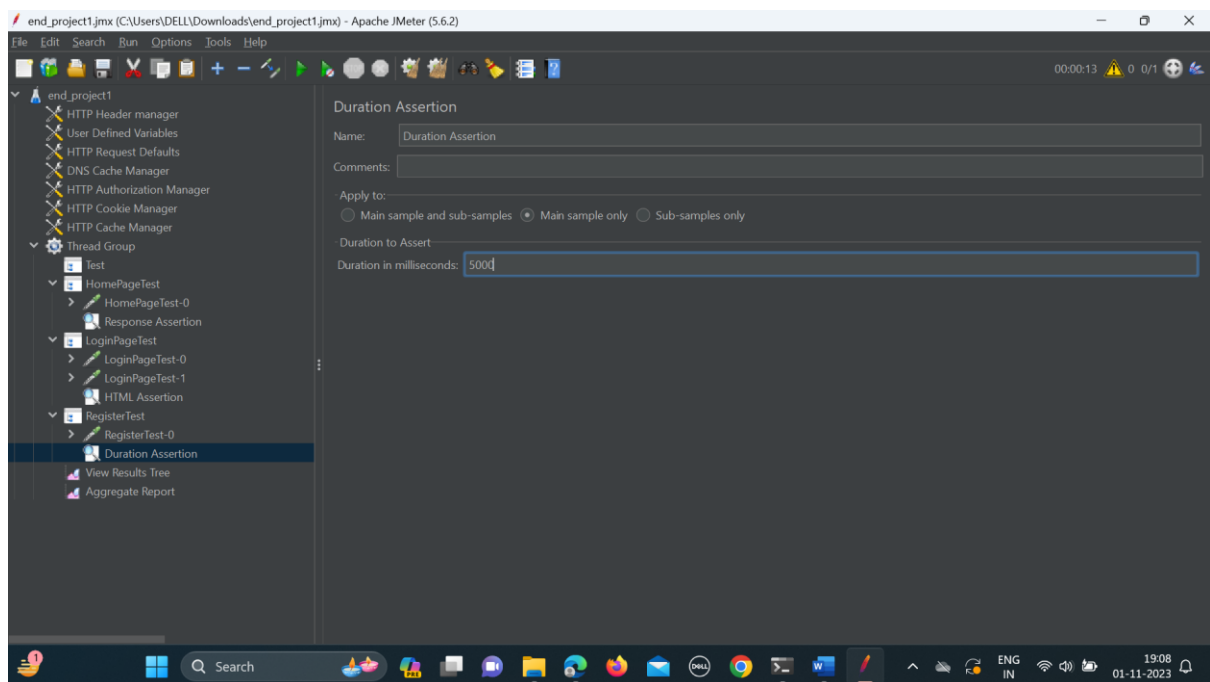
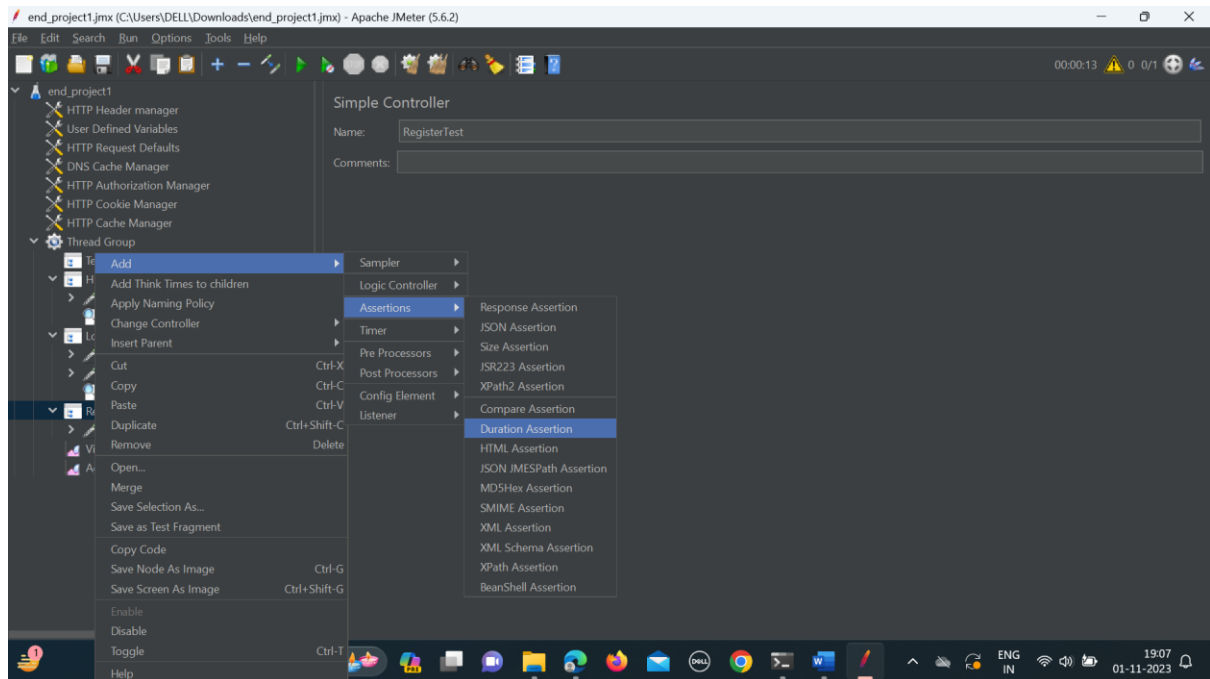
On the homePageTest add response Assertion



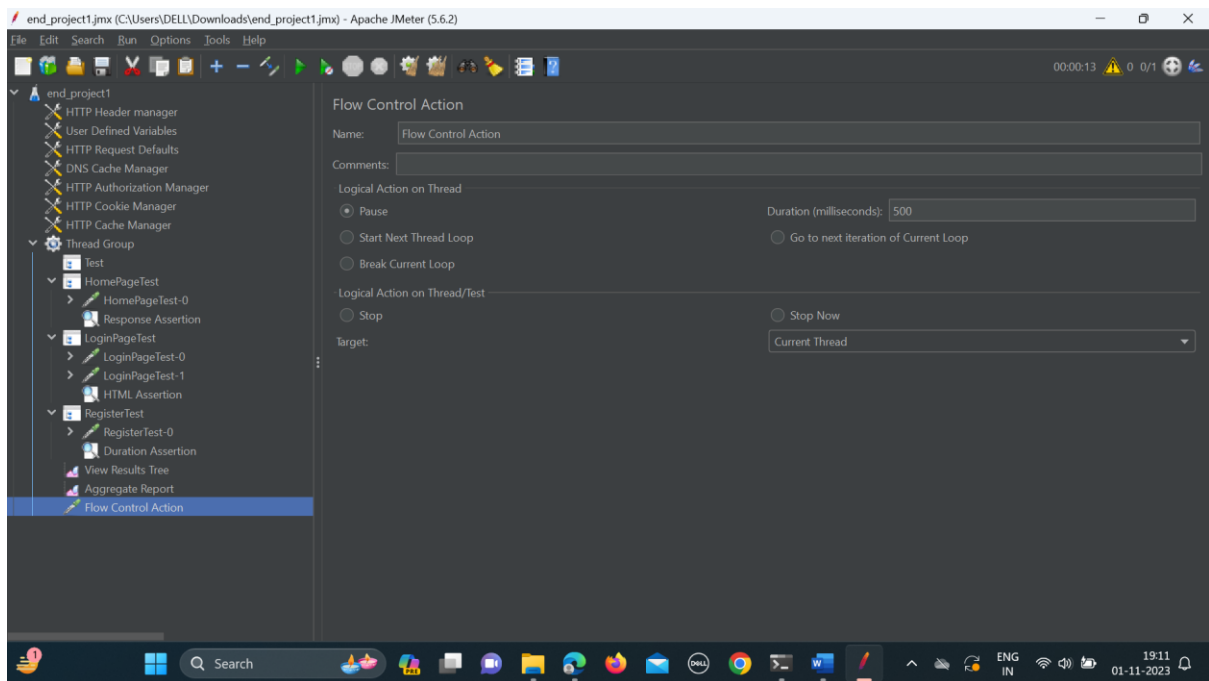
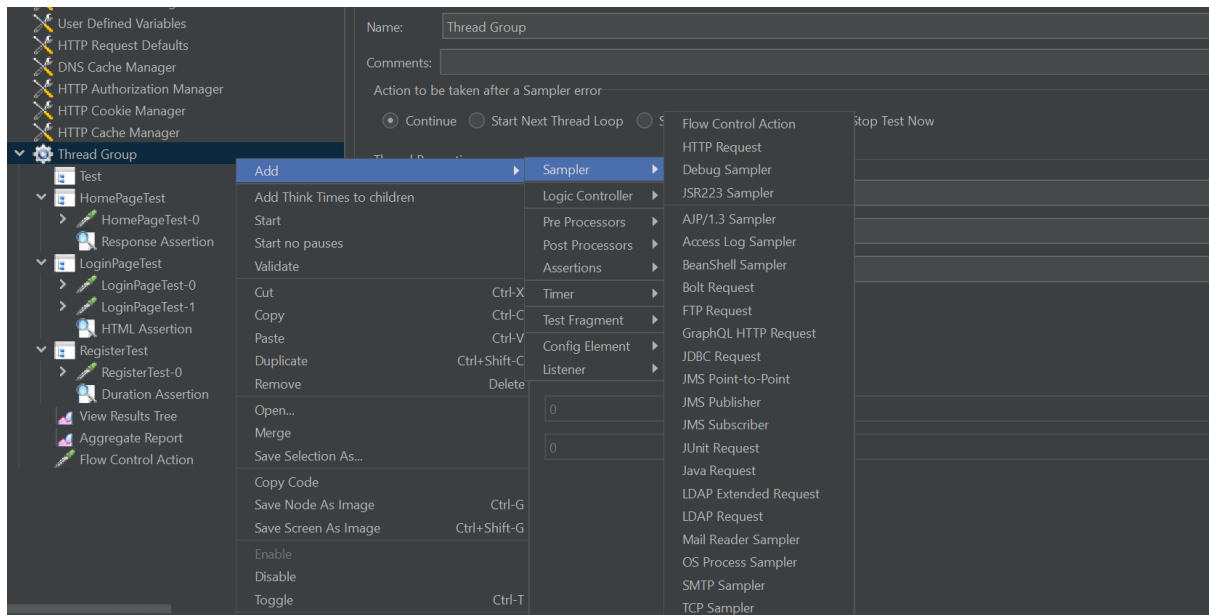
## On the LoginPageTest add HTML Assertion



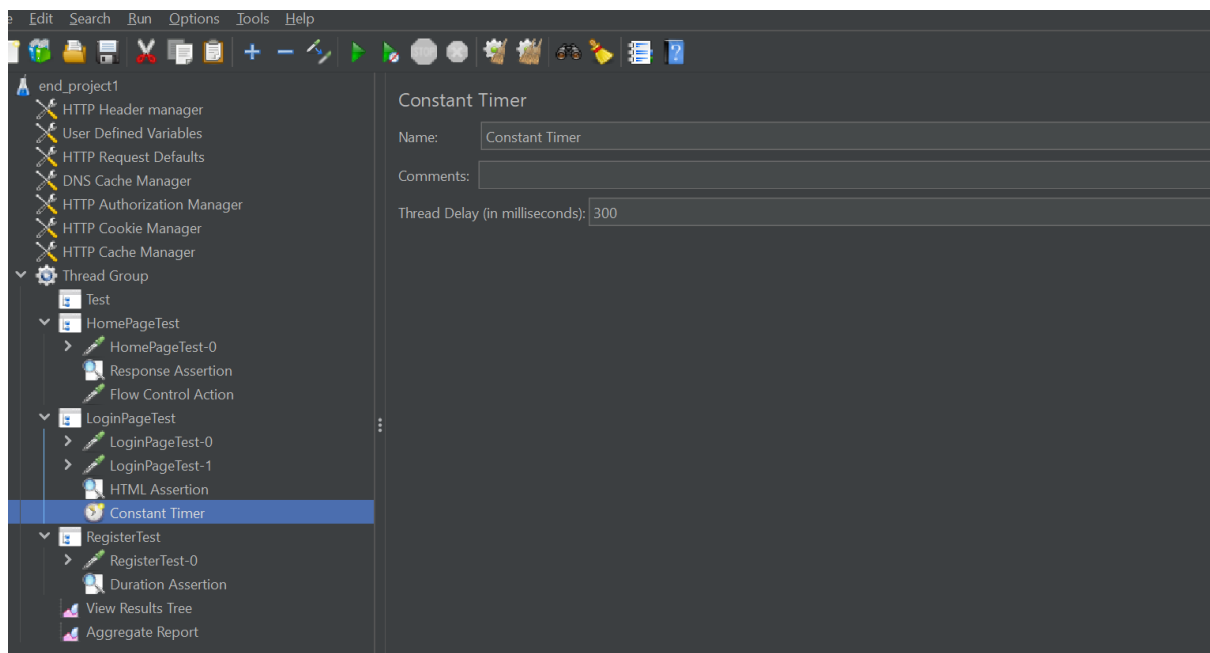
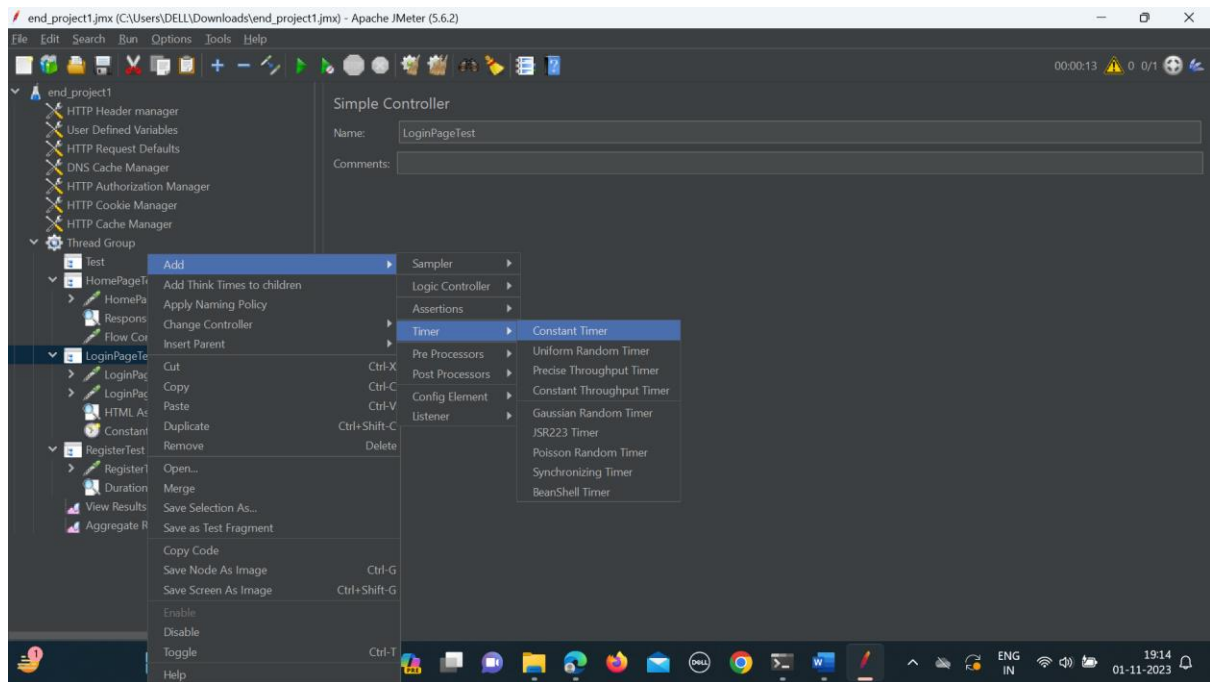
On the registerpageTest add Duration Assertion



On the HomePageTest add Flow Control Action

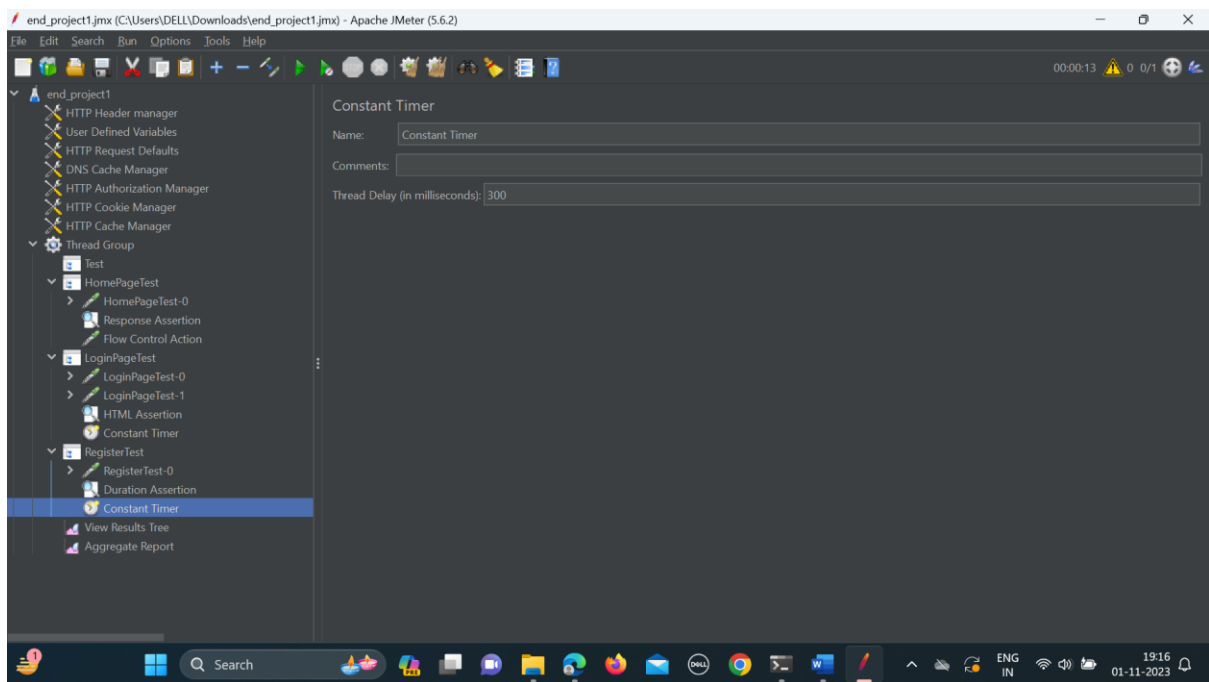
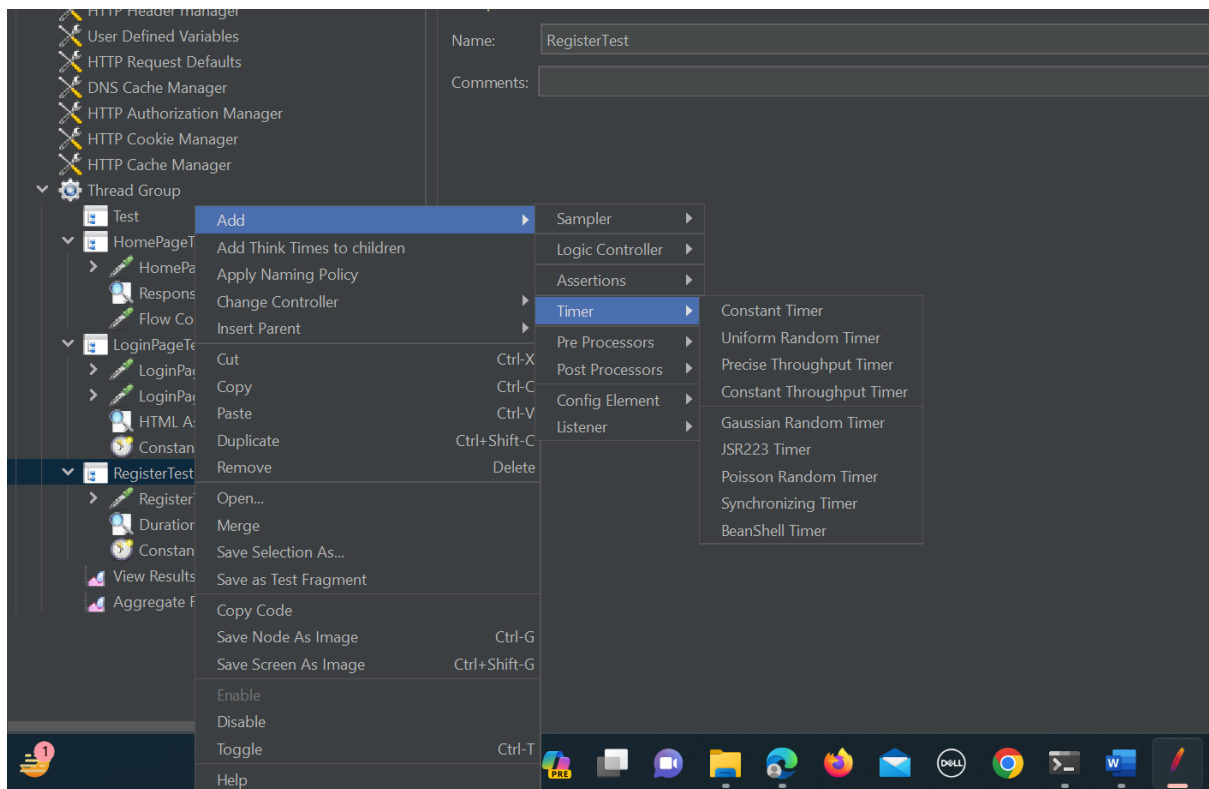


On the LoginPageTest add Constant Timer.

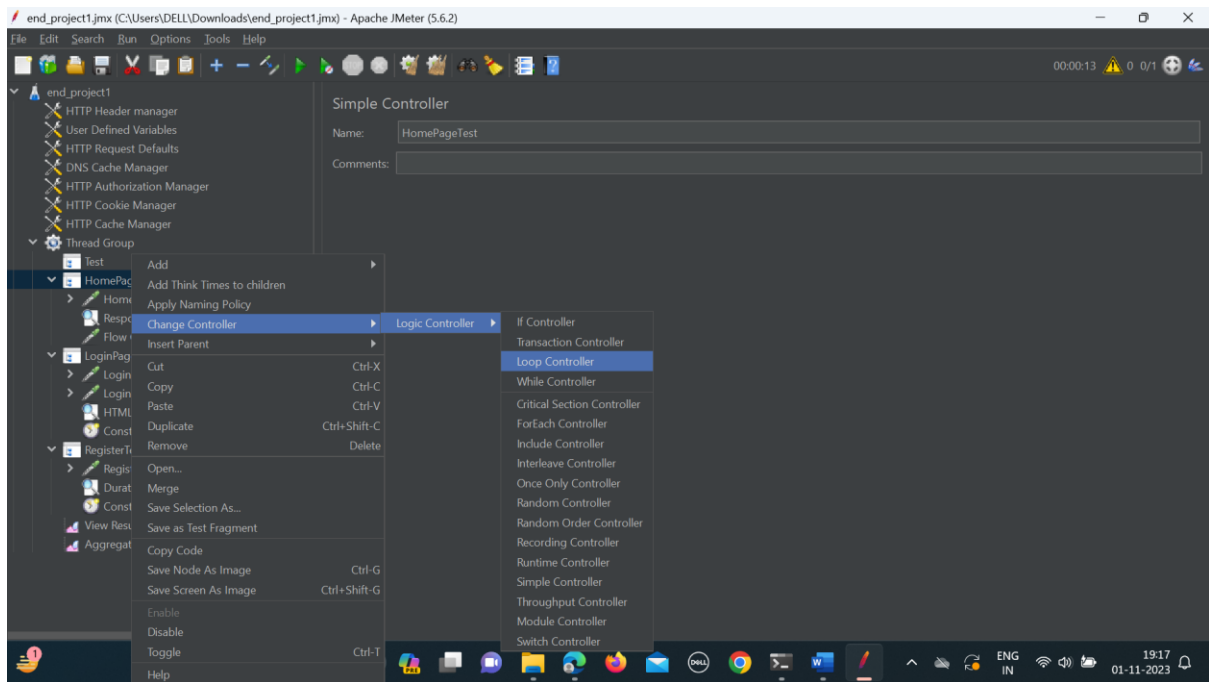


On the registerTest add Constant Timer

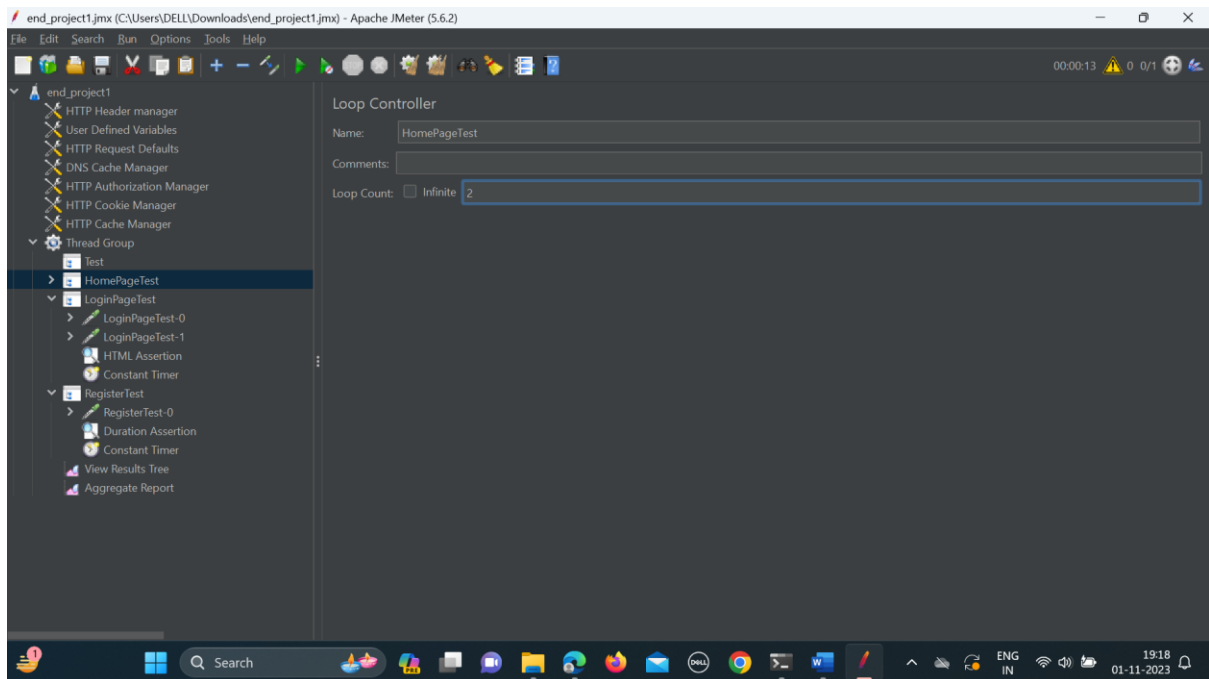




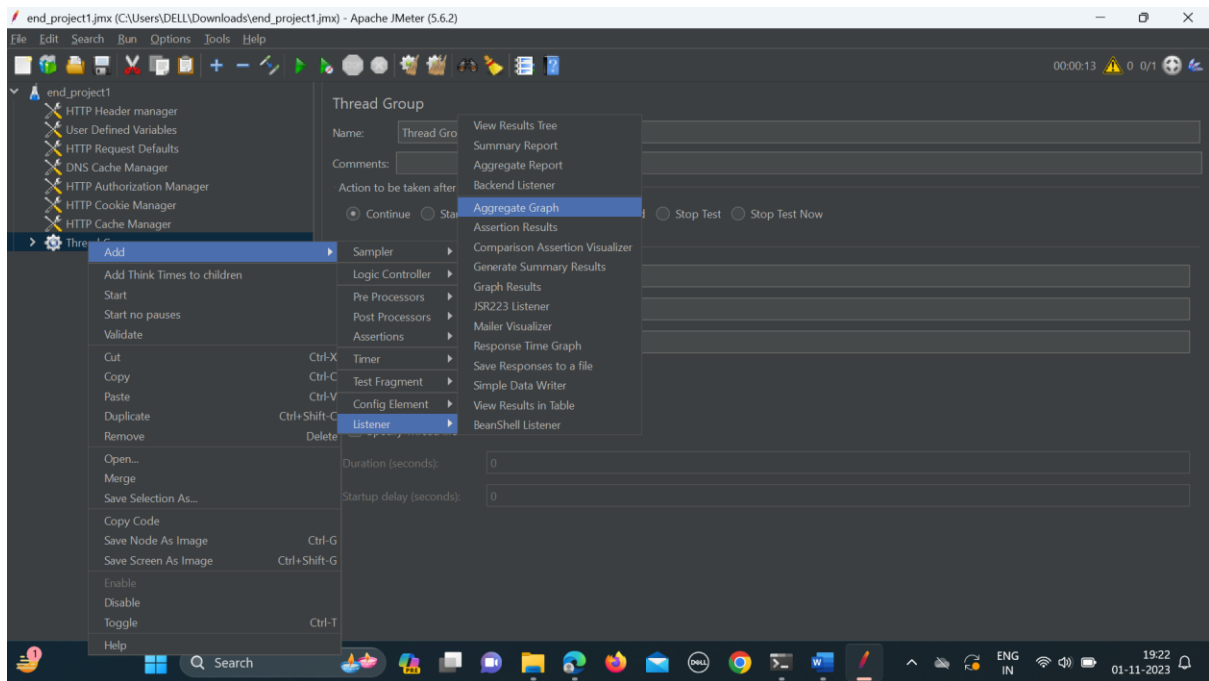
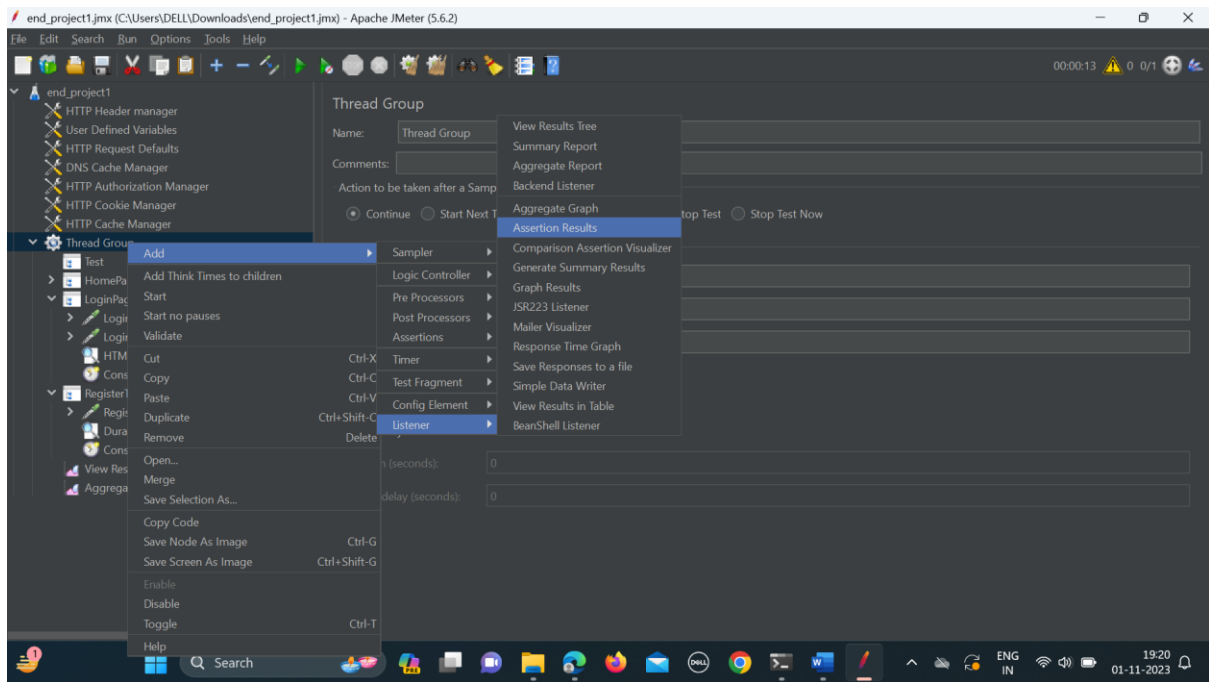
Change the HomePageTest to Loop Controller



Then given the Loop count has 2.

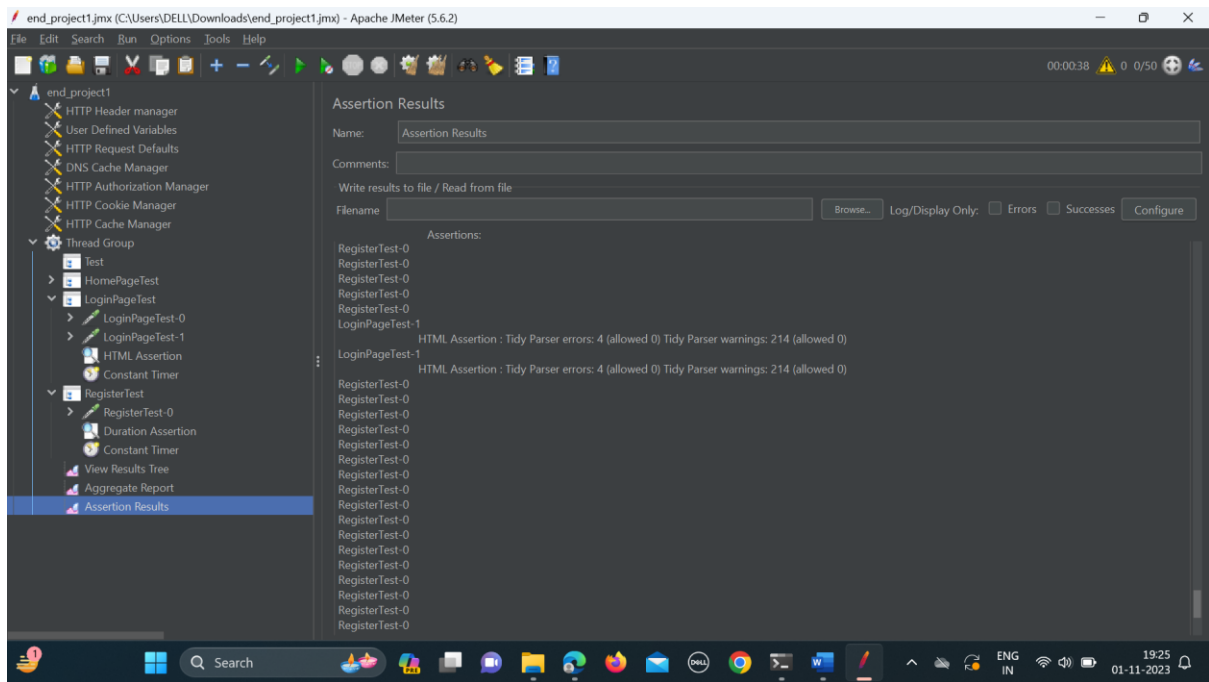


Then add Assertion results , view results tree and aggregate



Click on run.





## HTMLWarningProject file

