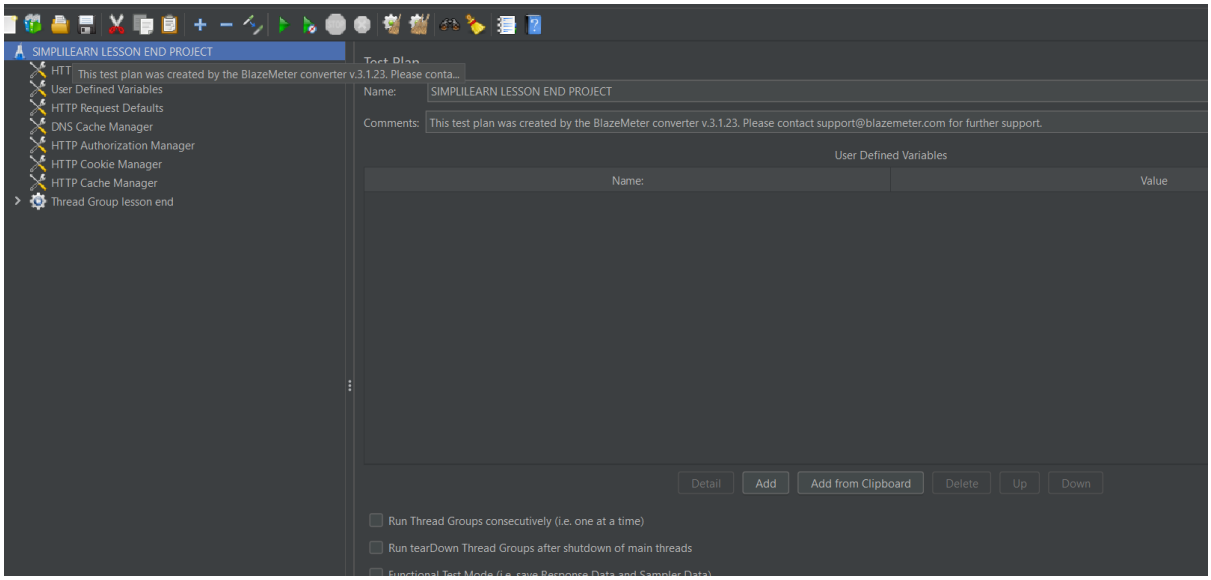
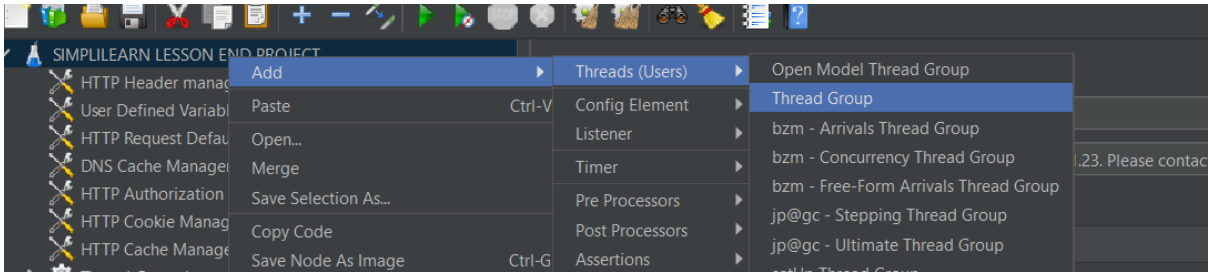
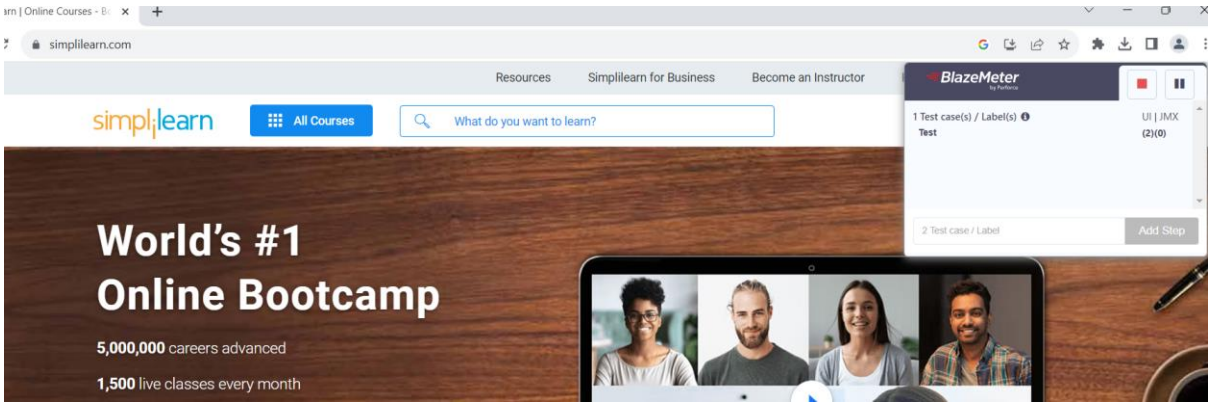
Adding new Test plan and given name as SIMPLILEARN LESSON END PROJECT

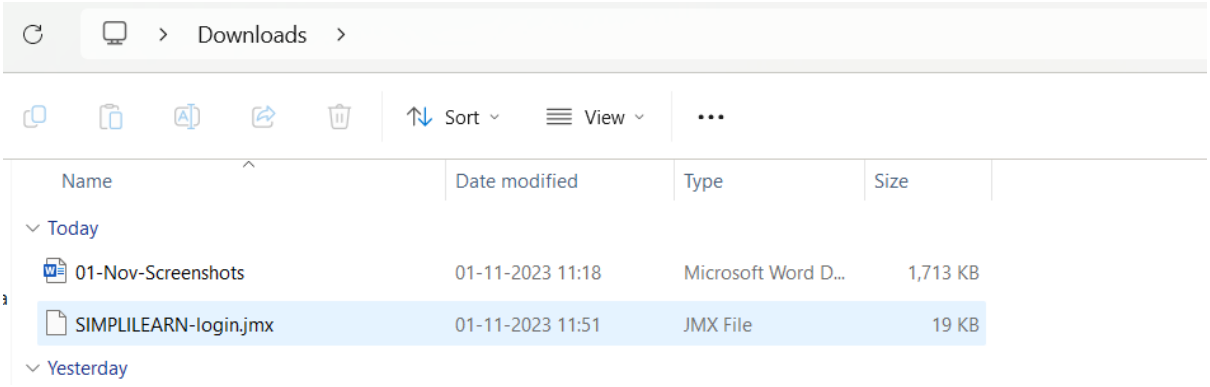


- Adding Theard Group to the test plan by Right click on the test plan then click on add ,then click on thread(users) and click on the thread group .

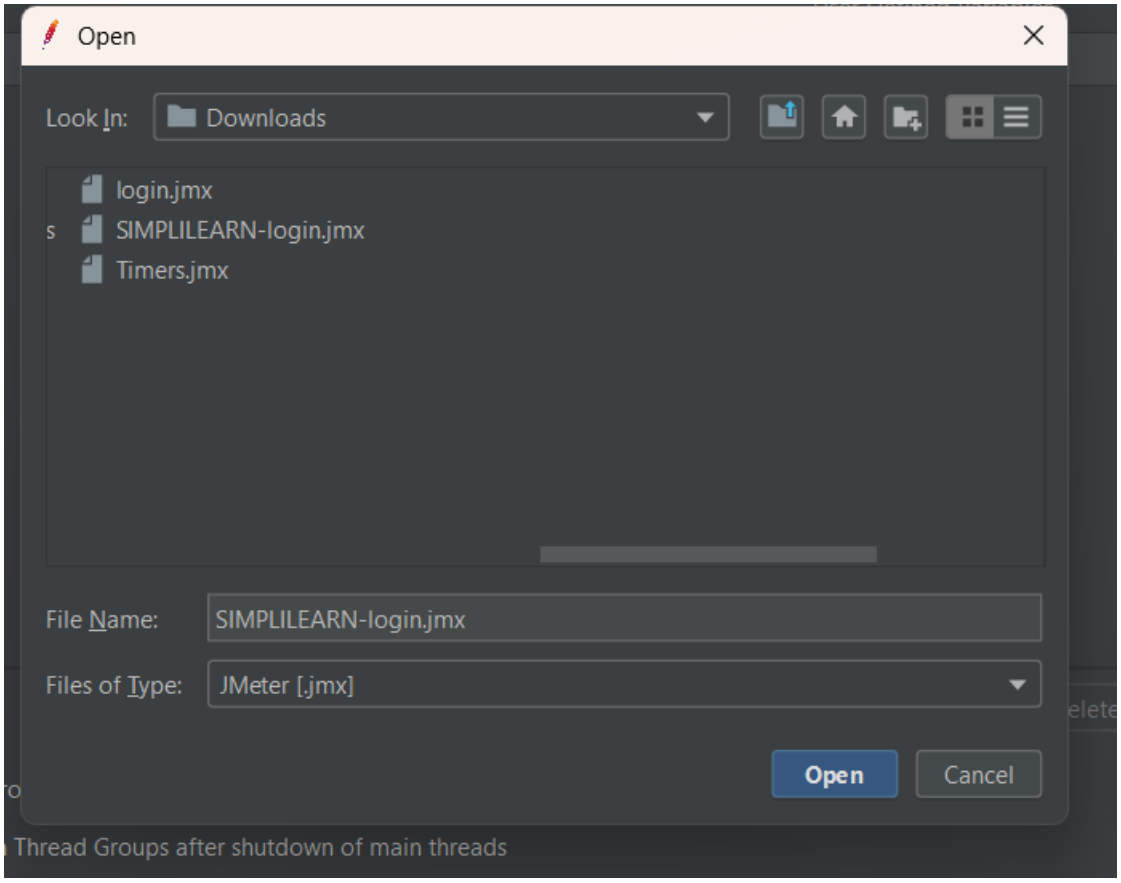


- Recording the script through the Blaze meter ,then the download script are saved in the download list ,





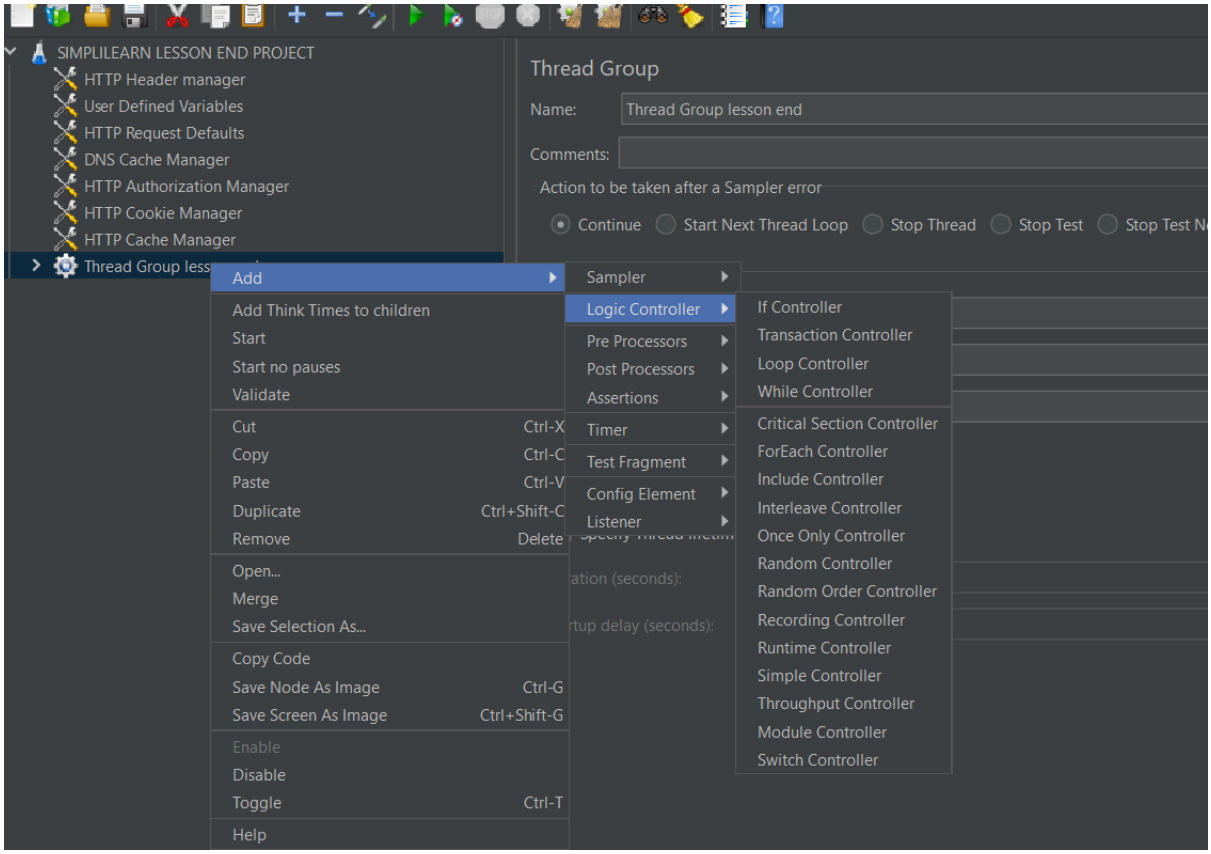
- Recorded script is added to jmeter

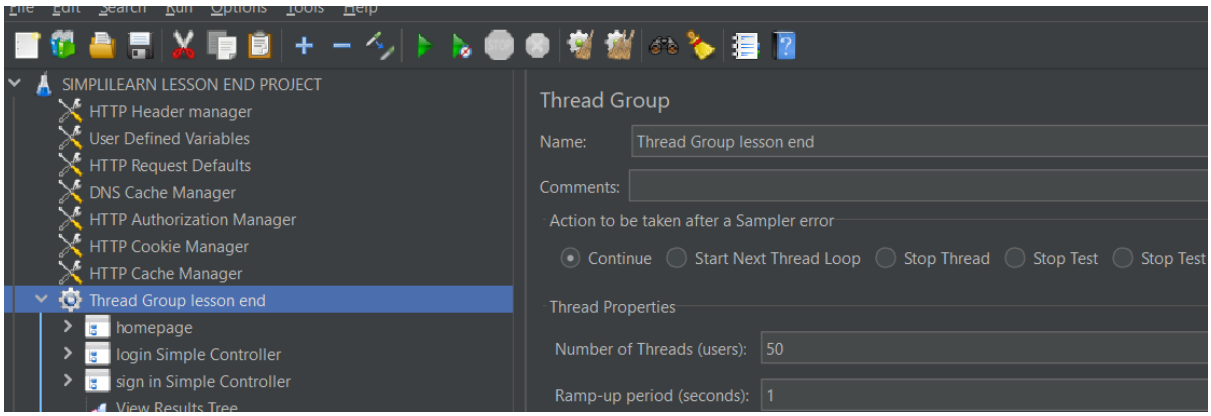


Then the recorded script -

Samples are placed in sample controller

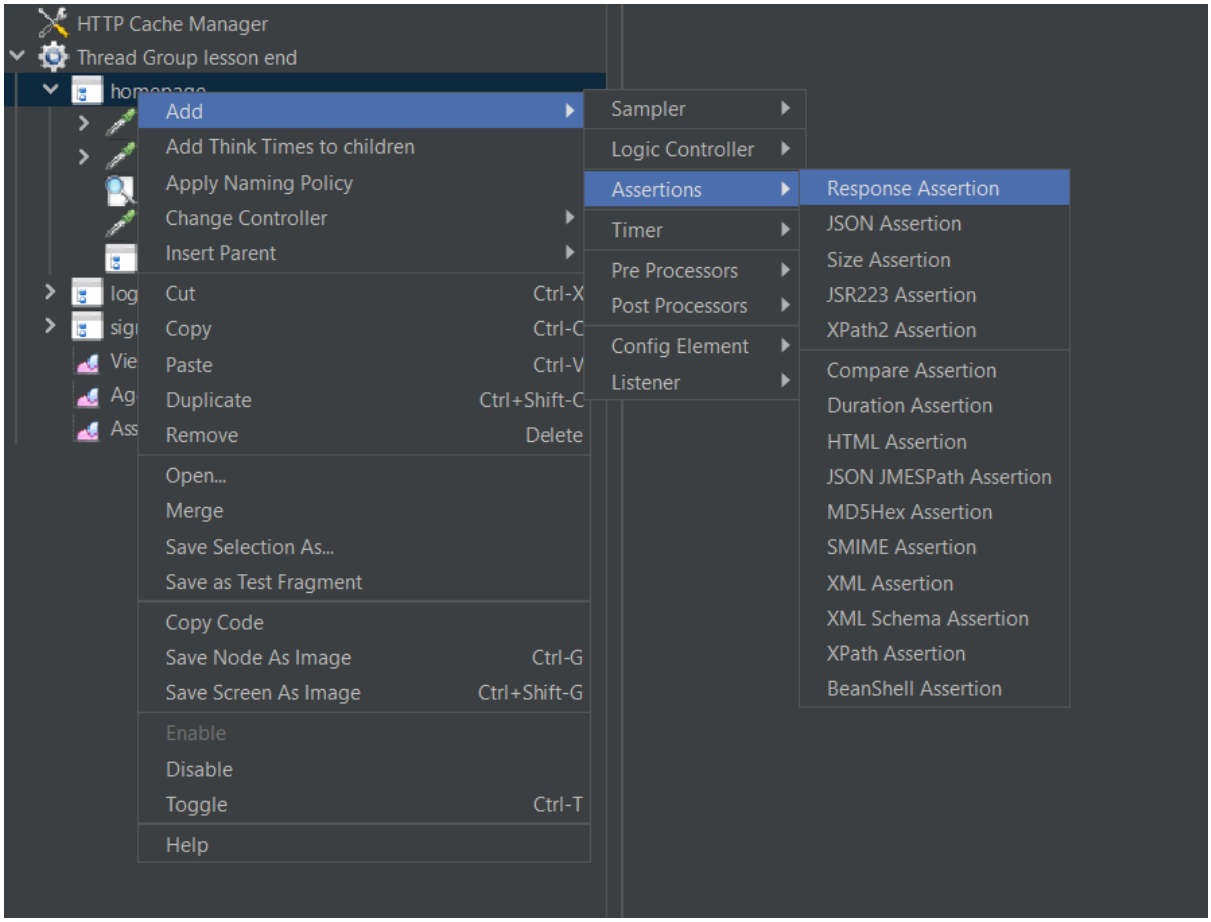
- Right click on the thread group and click on the add then click on the logic controller then click on the simple controller .
- In this project I am creating three simple controller for best understanding purpose .


SIMPLILEARN LESSON END PROJECT
HTTP Header manager
User Defined Variables
HTTP Request Defaults
DNS Cache Manager
HTTP Authorization Manager
HTTP Cookie Manager
HTTP Cache Manager
Thread Group less
Thread Group
Name:
Thread Group lesson end
Comments:
Action to be taken after a Sampler error
Continue
Start Next Thread Loop
Stop Thread
Stop Test
Add
Add Think Times to children
Start
Start no pauses
Validate
Cut Ctrl-X
Copy Ctrl-C
Paste Ctrl-V
Duplicate Ctrl+Shift-C
Remove Delete
Open...
Merge
Save Selection As...
Copy Code
Save Node As Image Ctrl-G
Save Screen As Image Ctrl+Shift-G
Enable
Disable
Toggle Ctrl-T
Help
Sampler
Logic Controller
Pre Processors
Post Processors
Assertions
Timer
Test Fragment
Config Element
Listener
If Controller
Transaction Controller
Loop Controller
While Controller
Critical Section Controller
ForEach Controller
Include Controller
Interleave Controller
Once Only Controller
Random Controller
Random Order Controller
Recording Controller
Runtime Controller
Simple Controller
Throughput Controller
Module Controller
Switch Controller


SIMPLILEARN LESSON END PROJECT
HTTP Header manager
User Defined Variables
HTTP Request Defaults
DNS Cache Manager
HTTP Authorization Manager
HTTP Cookie Manager
HTTP Cache Manager
Thread Group lesson end
homepage
login Simple Controller
sign in Simple Controller
View Results Tree
Thread Group
Name:
Thread Group lesson end
Comments:
Action to be taken after a Sampler error
Continue
Start Next Thread Loop
Stop Thread
Stop Test
Thread Properties
Number of Threads (users):
50
Ramp-up period (seconds):
1

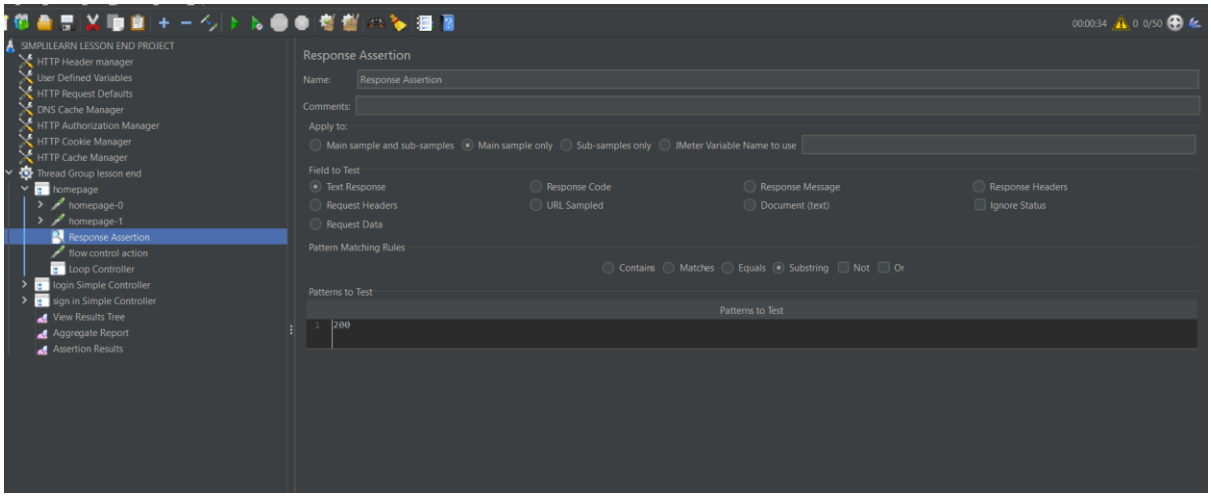
Adding response assertion to homepage simple controller

By right click on the simple controller ,click on add ,then click on assertions ,and click on Response Assertion

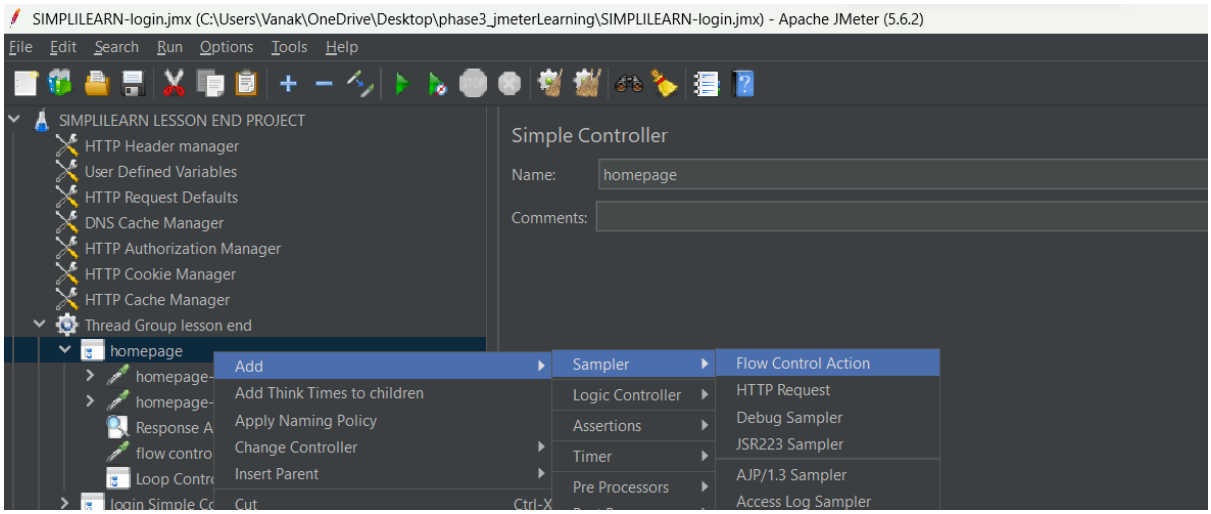


Adding 200 in pattern to test in response assertion by click add button in response assertion.

That means it will check the respond message to request message ,if both are 200 then the assertion is true then the test sample is pass ,otherwise it will fail.

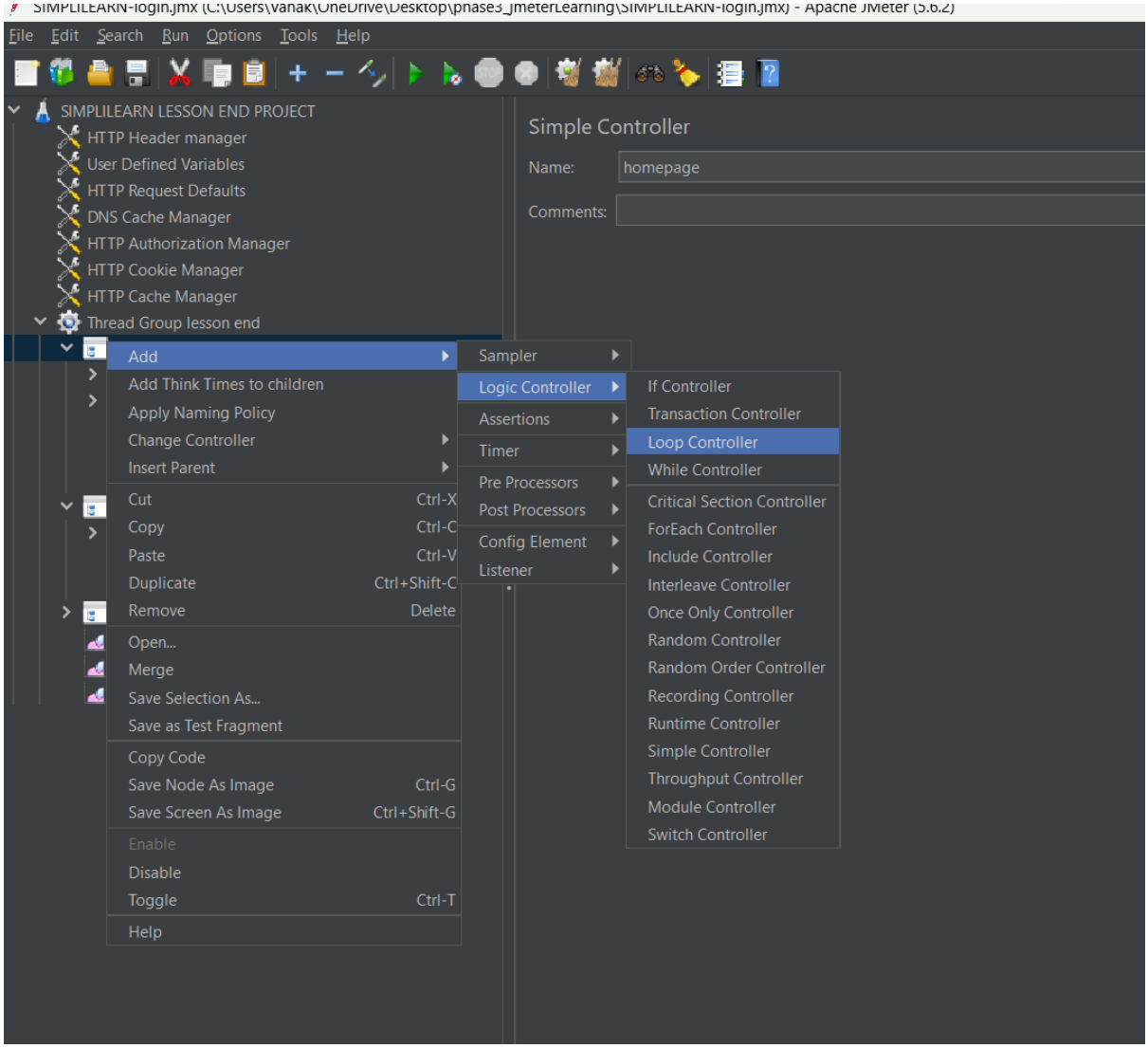


Adding flow control action to the homepage simple controller

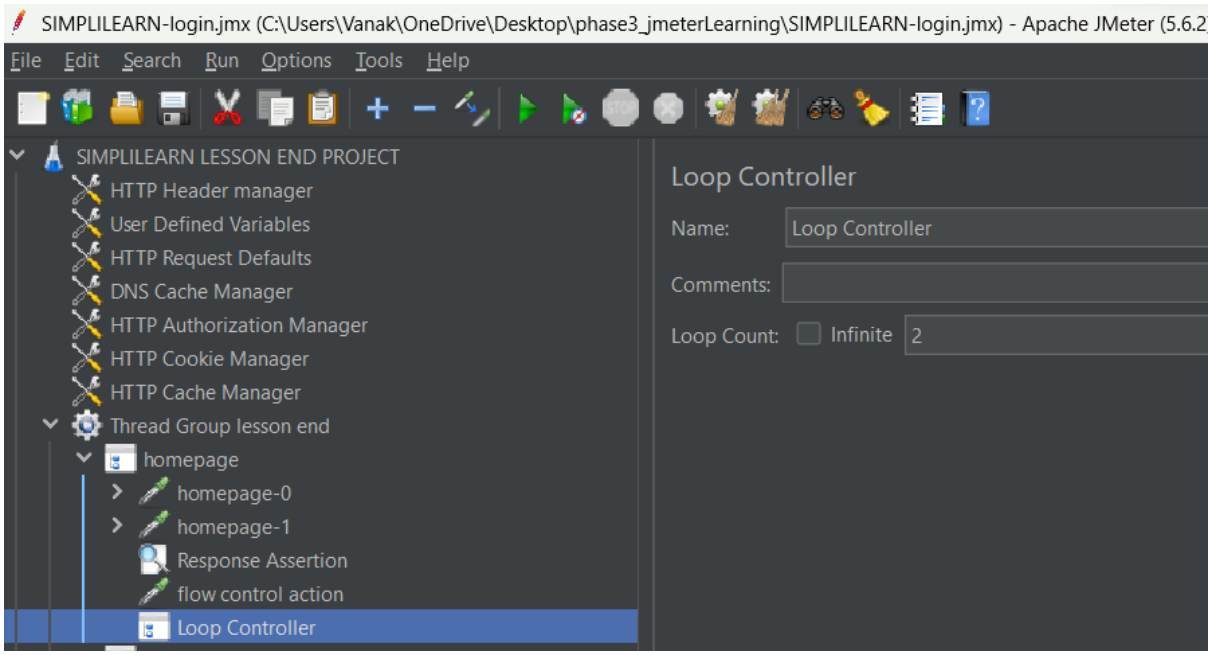


In flow control action,I gave duration (in milli. Seconds)=500

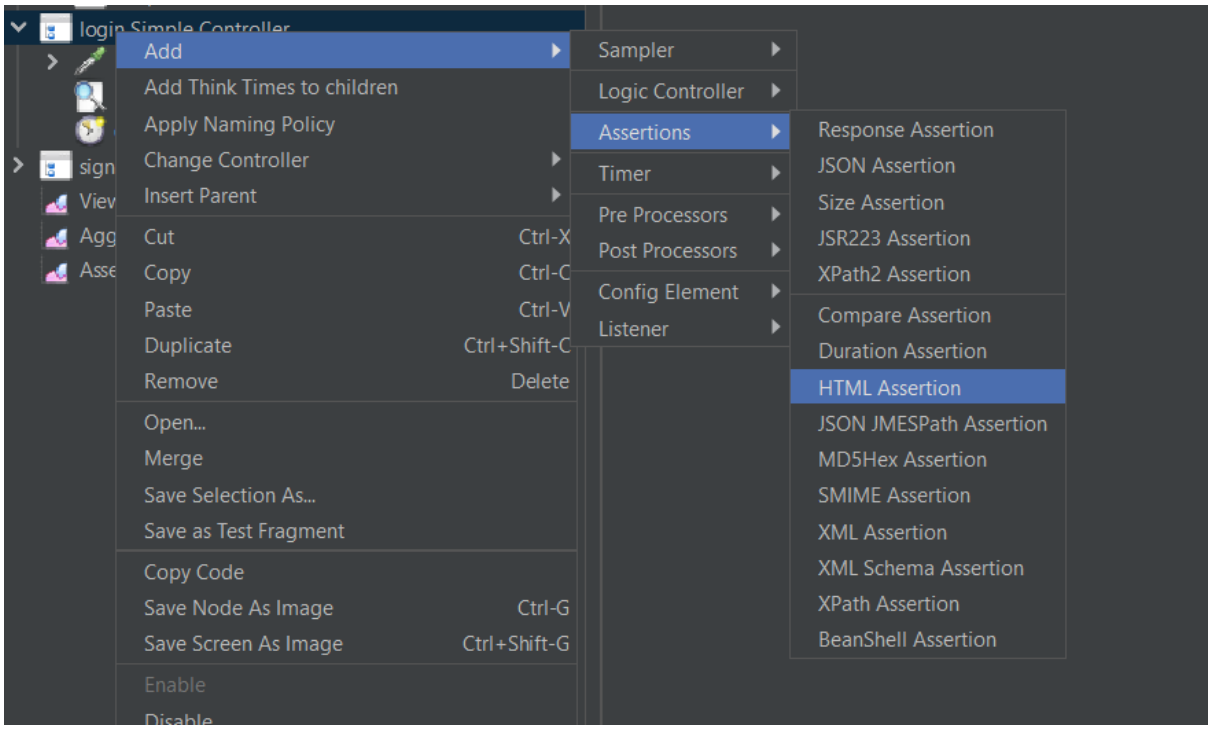
Adding Another controller to the home page controller that is loop controller



Giving loop count =2 in loop controller therefore homepage simple controller execute 2 times.



Now adding assertion to another simple controller (login-simple controller)

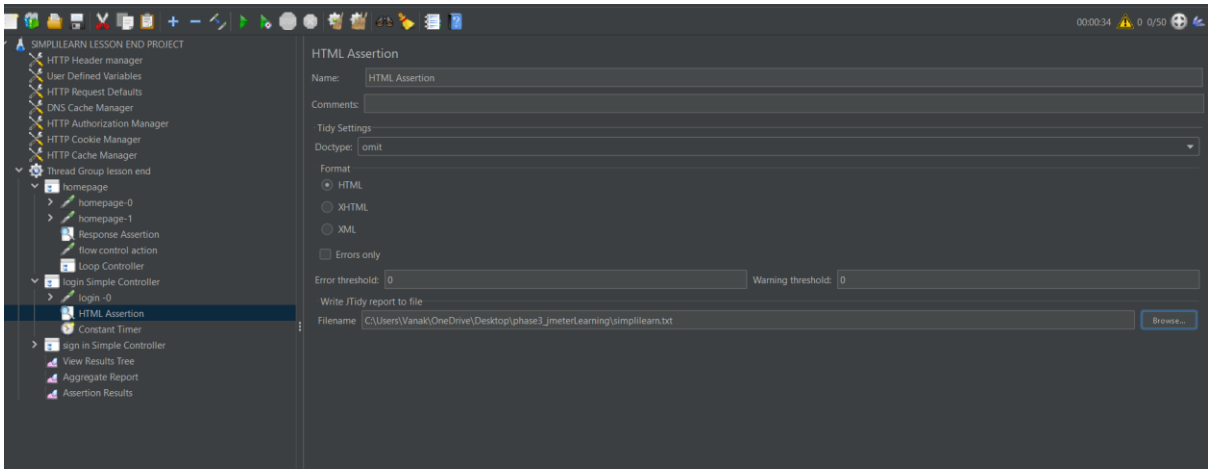


In html assertion ,by click on the browser and created a file name as simplilearn.txt ,to fetch the html warning from the browser while running.

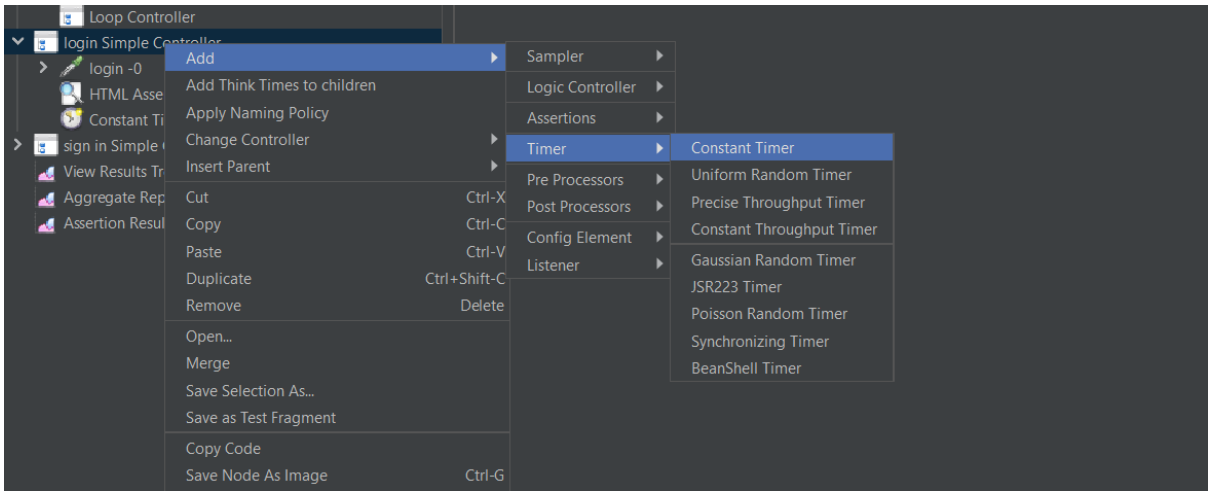
And error threshold =0

Warning threshold =0

So we are expecting 0 warning and 0 error ,suppose If we get any error or warning then it will save in simplilearn.txt

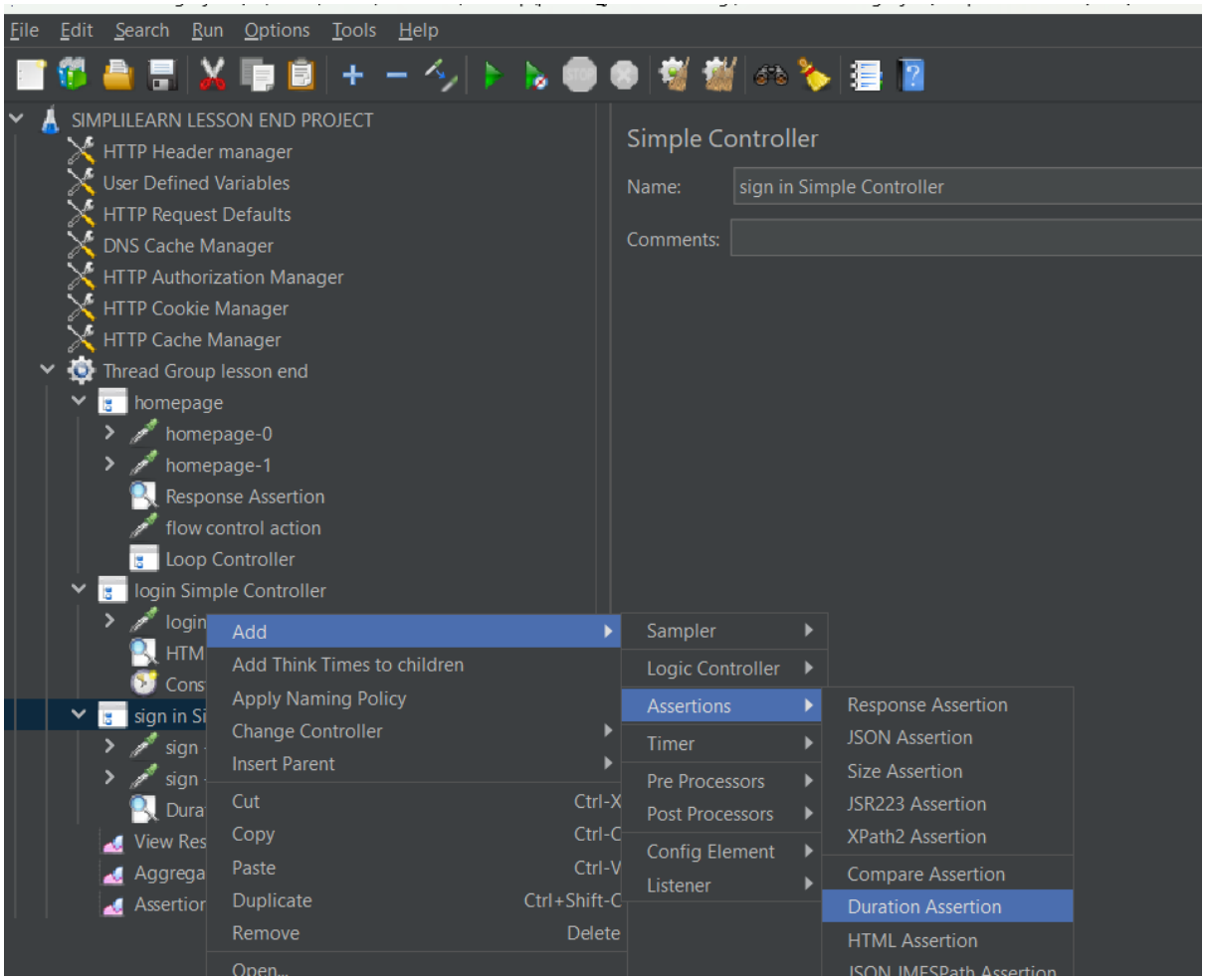


Adding constant timer to the login simple controller.



In constant timer gave thread (delay in milli. Seconds)=300

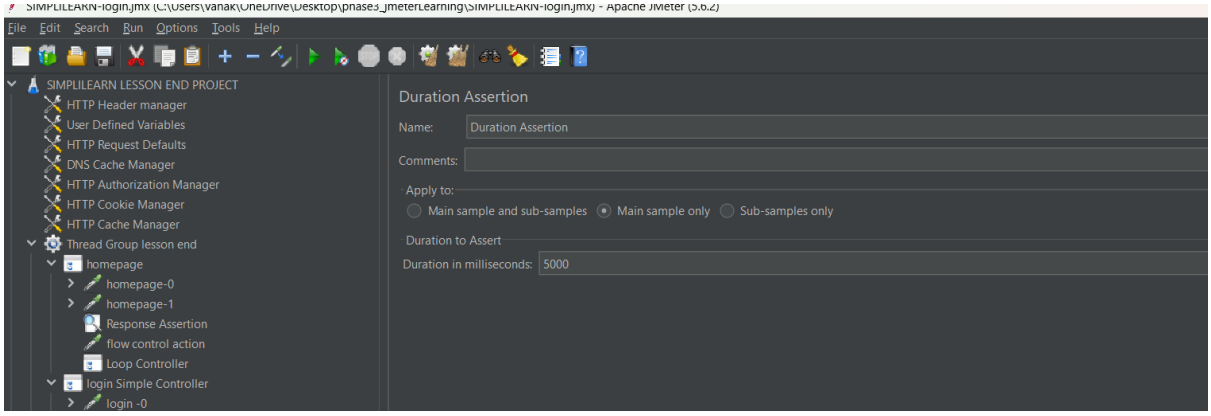
Adding duration assertion In sign in simple controller (3rd simple controller in thread group)



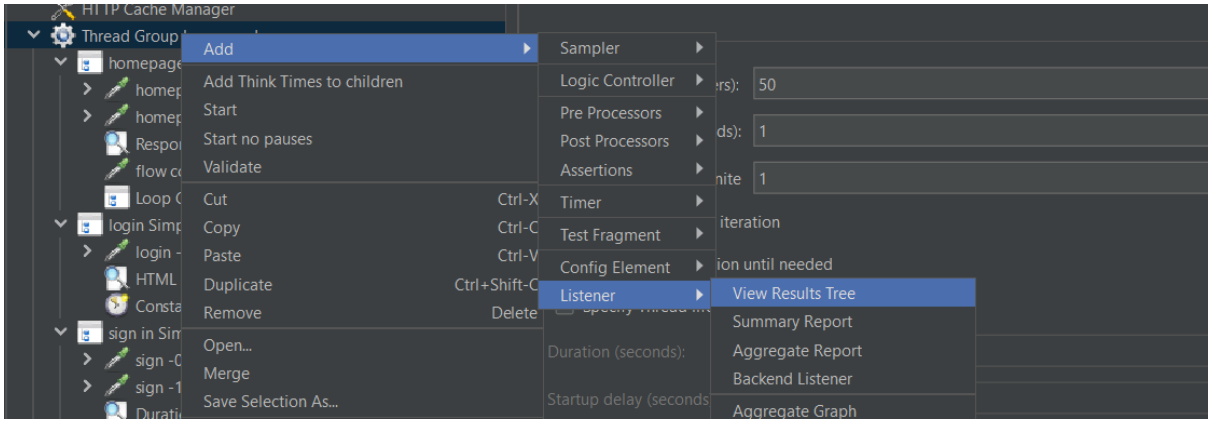
In duration assertion,

In duration in millisecond=5000

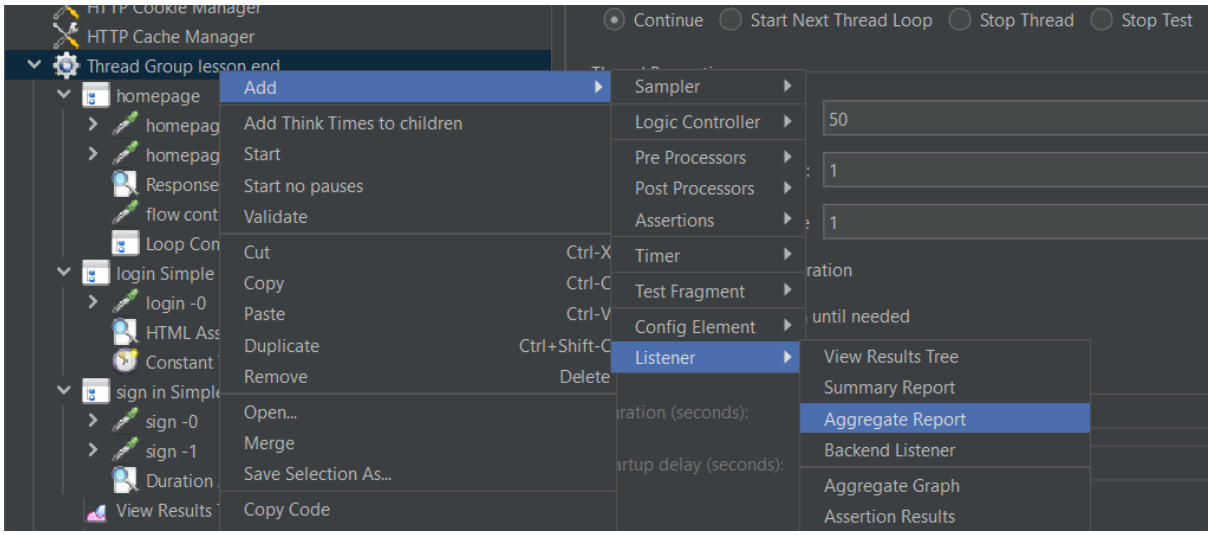
So, the simple control should completely execute in 5000 milliseconds otherwise it will fail



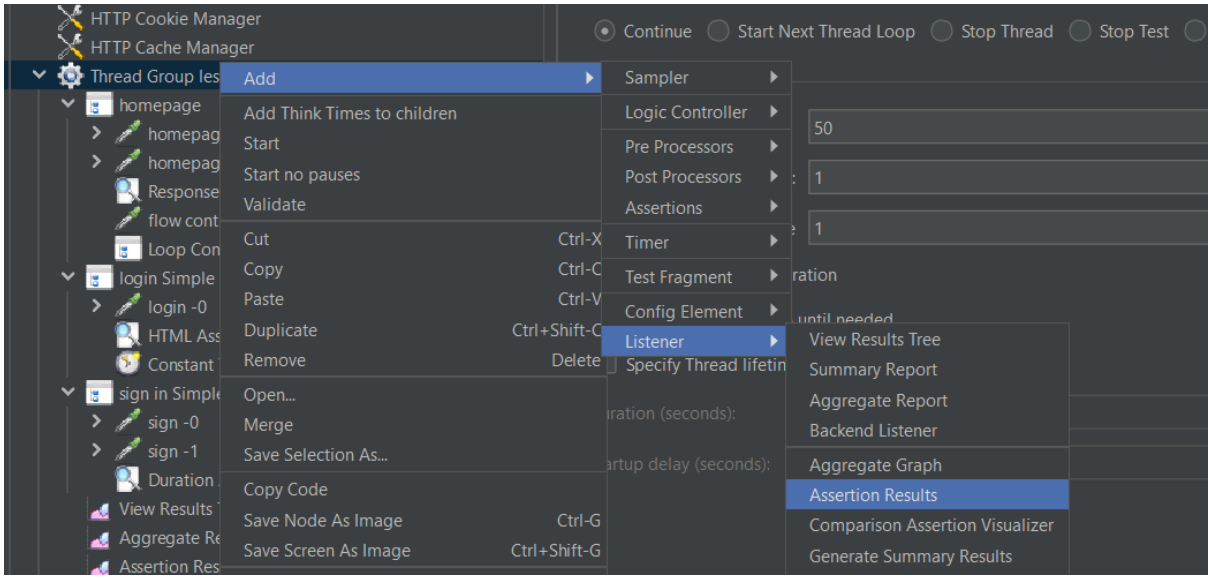
Adding listener to the thread group to view the result, so we added view result tree



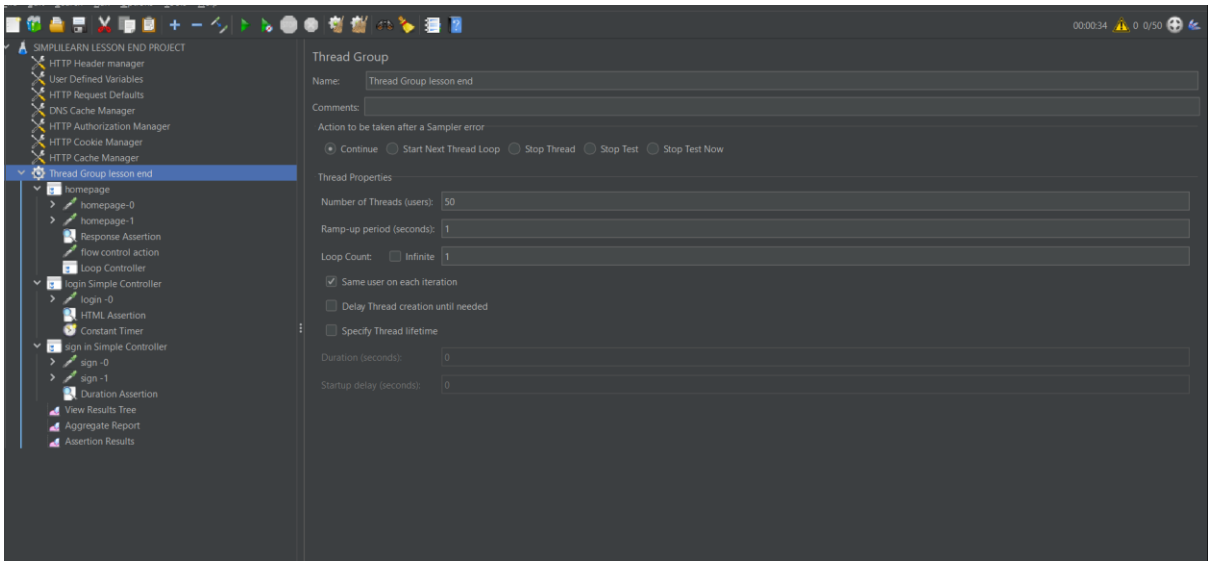
Adding the aggregate report to the thread group, for better viewing of time.



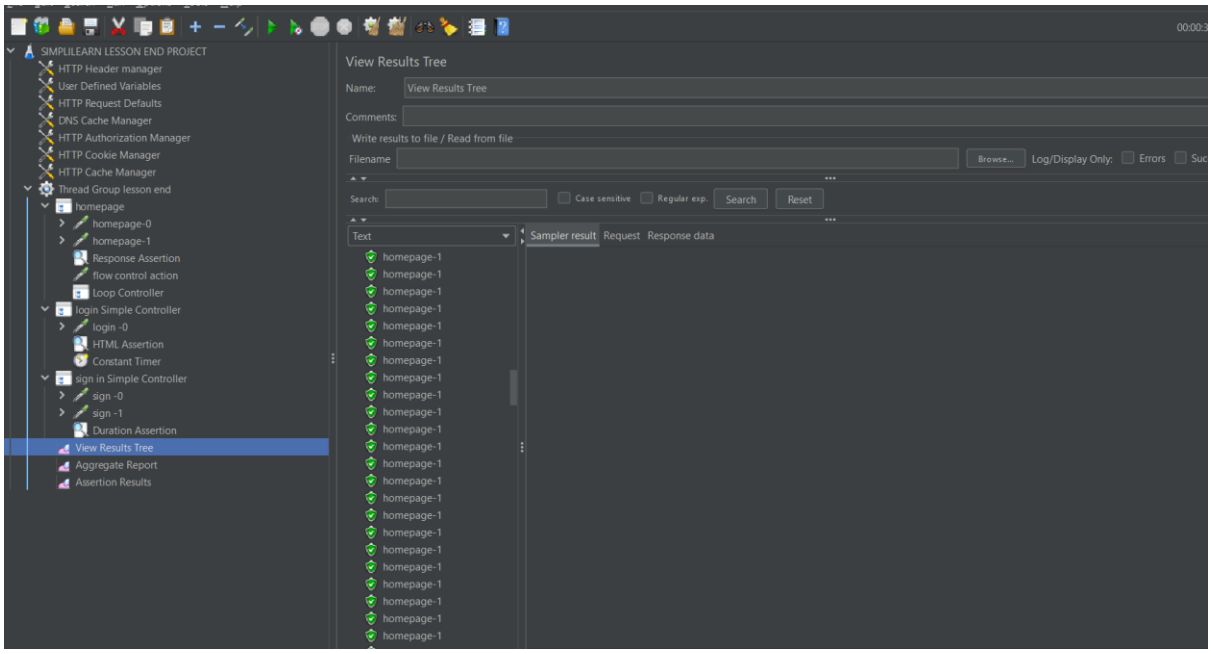
Adding assertion results to the listener to the thread group for to view the assertion output.



In thread group I gave , number of thread user =50



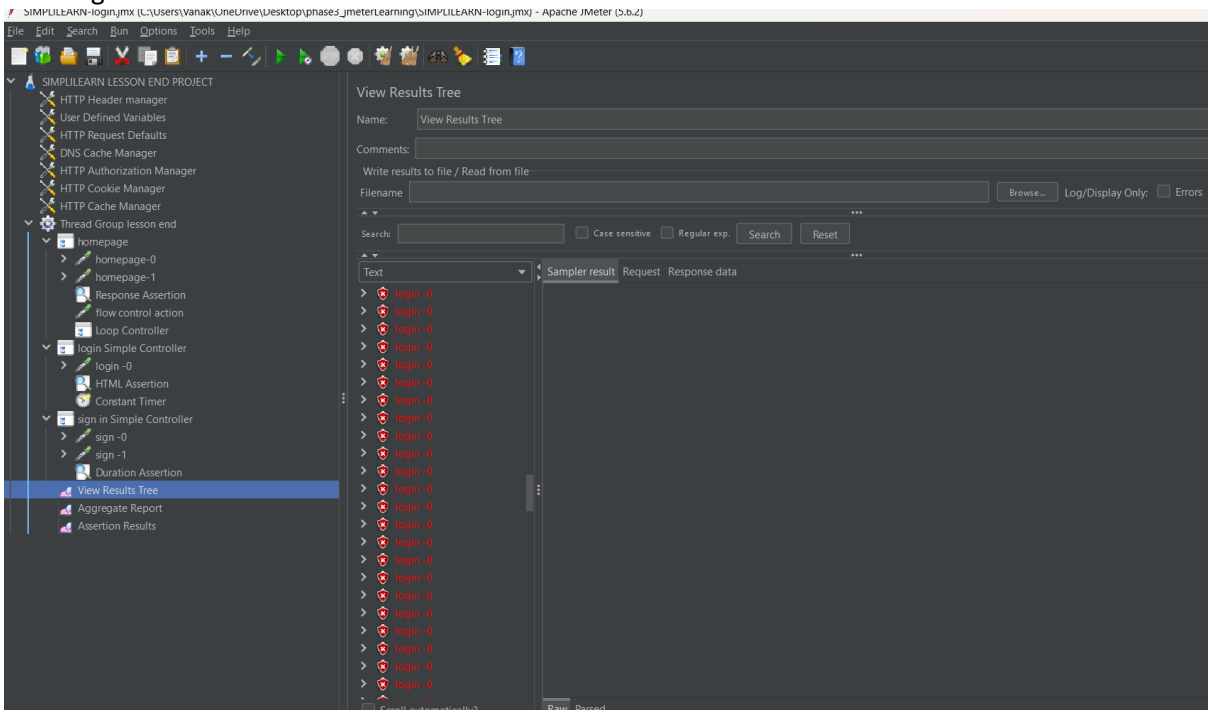
Then click on the run button .

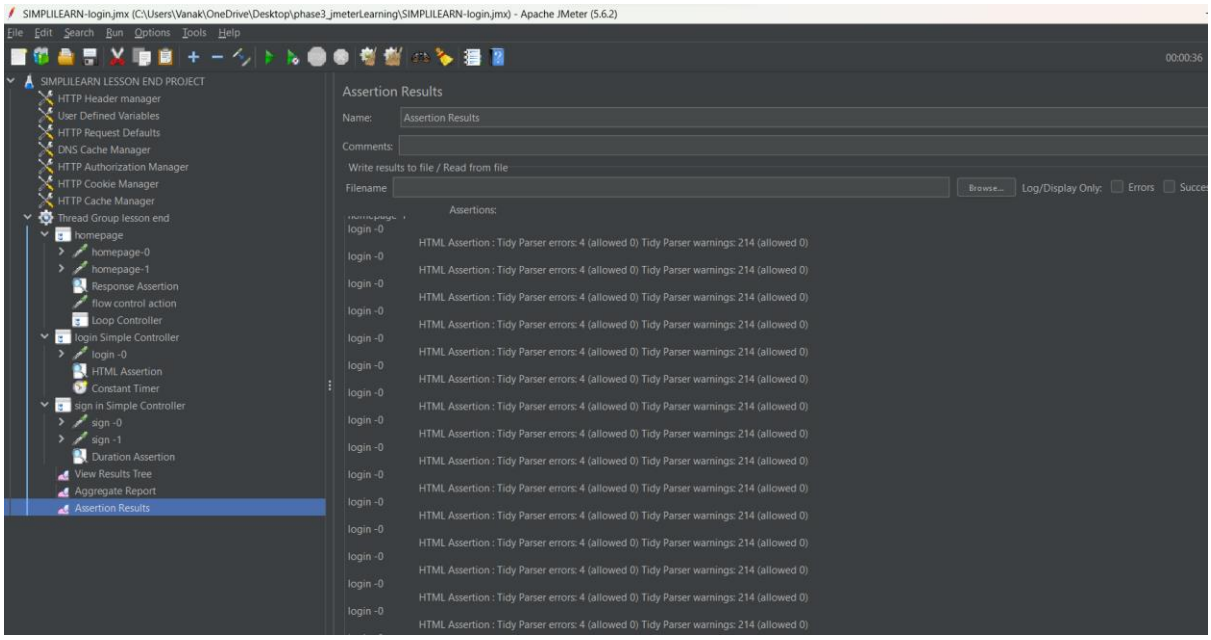


Login-0 result is failed because in html asseration,we expected 0 error and 0 warning ,but we got

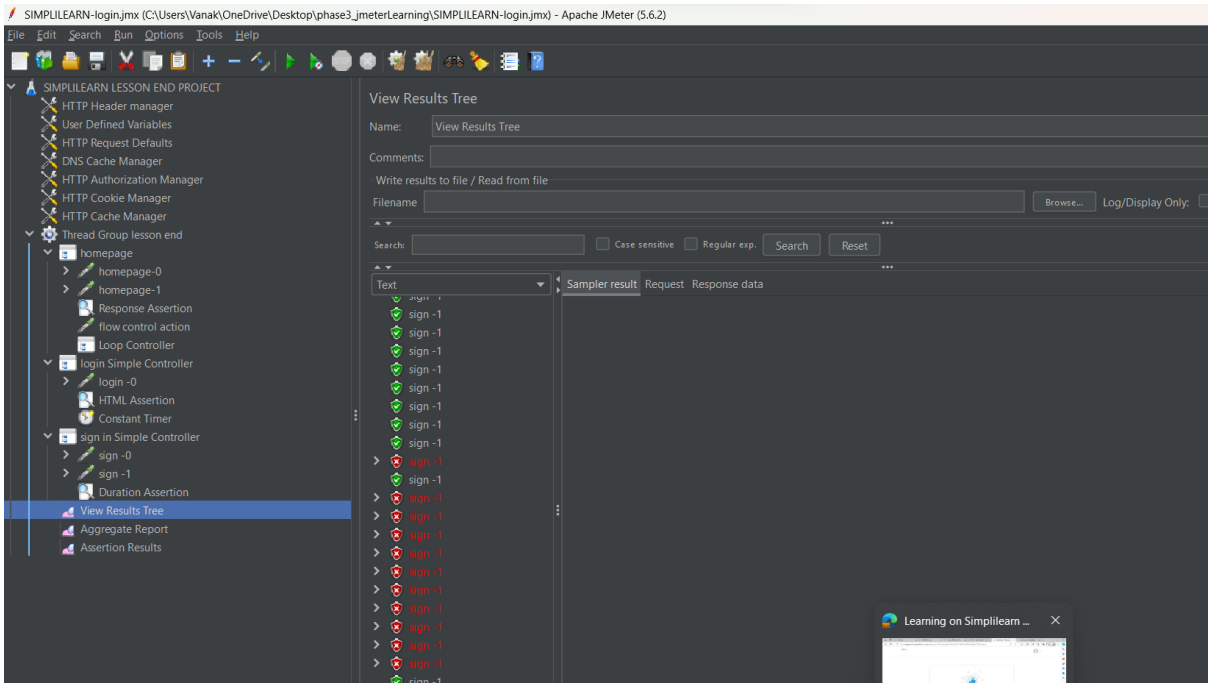
Error -04

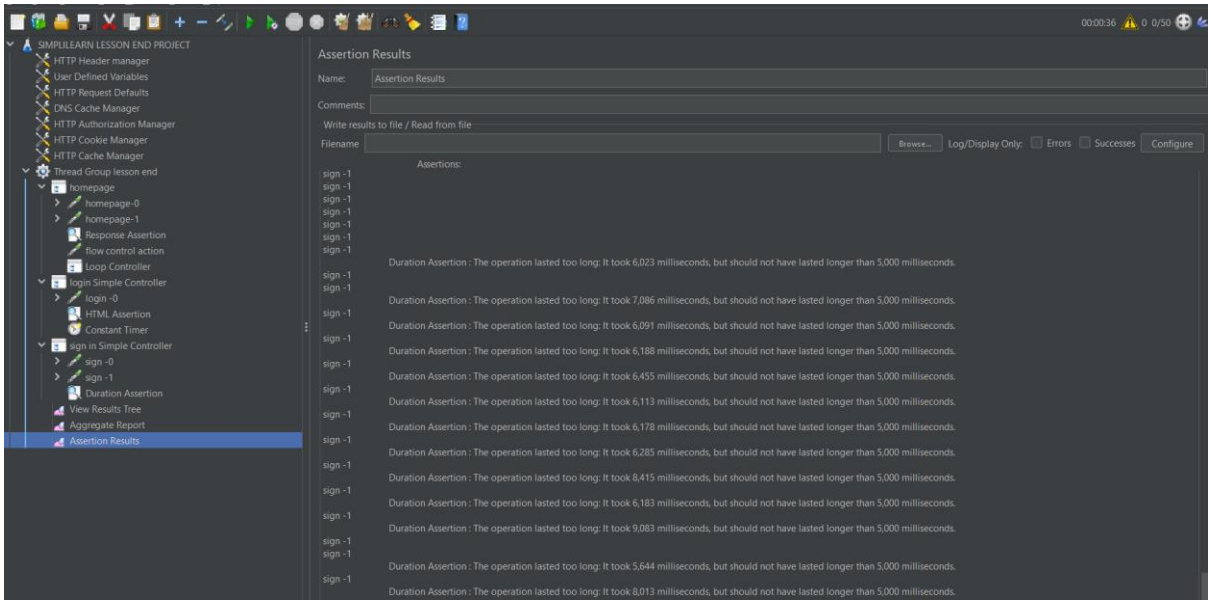
Warning -214

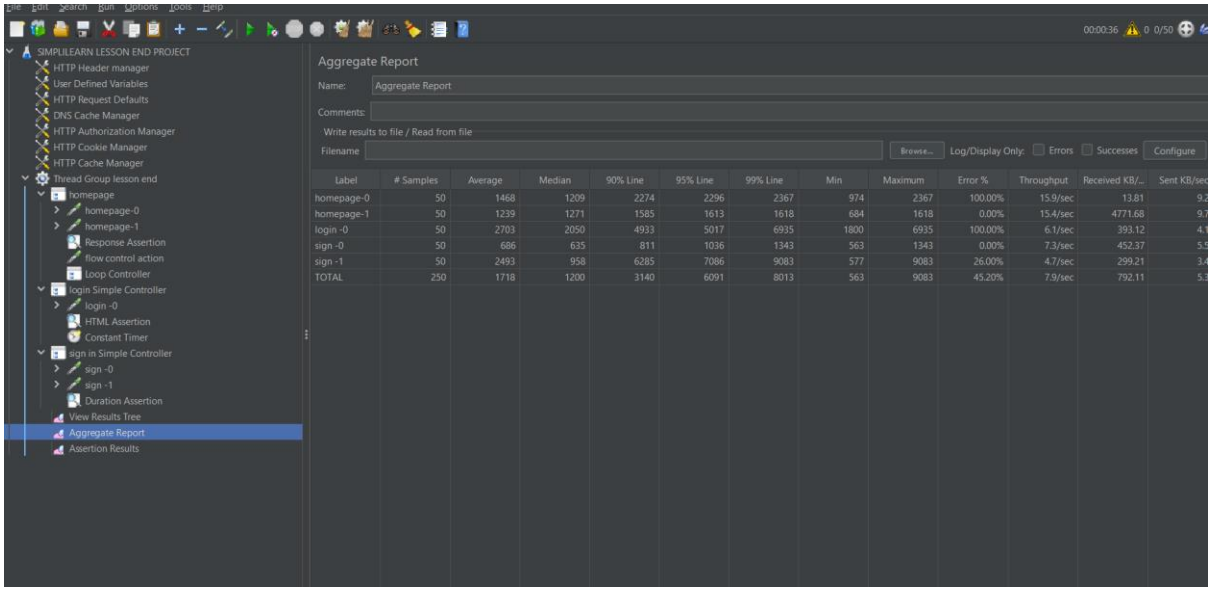




Signin-1 sample failed because we gave duration assertion =5000,but it extend more then 5000 milliseconds







This are the Error and warning are saved in simplilearn.txt file are from html assertions.

```
line 3 column 21 - Warning: <script> lacks "type" attribute
line 8 column 1 - Warning: <html> isn't allowed in <head> elements
line 9 column 5 - Warning: <head> isn't allowed in <body> elements
line 10 column 9 - Warning: <meta> lacks "content" attribute
line 10 column 9 - Warning: <meta> isn't allowed in <body> elements
line 11 column 13 - Warning: <meta> element not empty or not closed
line 11 column 13 - Warning: <meta> isn't allowed in <body> elements
line 12 column 17 - Warning: <meta> element not empty or not closed
line 12 column 17 - Warning: <meta> isn't allowed in <body> elements
line 13 column 21 - Warning: <meta> element not empty or not closed
line 13 column 21 - Warning: <title> isn't allowed in <body> elements
line 13 column 79 - Warning: link isn't allowed in <body> elements
line 14 column 21 - Warning: link isn't allowed in <body> elements
line 15 column 21 - Warning: link isn't allowed in <body> elements
line 16 column 21 - Warning: link isn't allowed in <body> elements
line 17 column 21 - Warning: link isn't allowed in <body> elements
line 26 column 21 - Warning: unknown attribute "crossorigin"
line 26 column 21 - Warning: unknown attribute "async"
line 26 column 21 - Warning: <script> lacks "type" attribute
line 29 column 21 - Warning: unknown attribute "async"
line 29 column 21 - Warning: <script> lacks "type" attribute
line 30 column 21 - Warning: <meta> isn't allowed in <body> elements
line 31 column 21 - Warning: <meta> element not empty or not closed
line 31 column 21 - Warning: <meta> isn't allowed in <body> elements
line 33 column 21 - Warning: <meta> element not empty or not closed
line 36 column 21 - Warning: ID "<script>" uses XML ID syntax
line 39 column 45 - Warning: <script> lacks "type" attribute
line 61 column 21 - Warning: unknown attribute "async"
line 61 column 21 - Warning: <script> lacks "type" attribute
line 62 column 1 - Warning: <script> lacks "type" attribute
line 97 column 36 - Warning: <script> lacks "type" attribute
line 262 column 13 - Warning: </head> isn't allowed in <body> elements
line 263 column 17 - Warning: <body> isn't allowed in <body> elements
line 264 column 21 - Warning: link lacks "type" attribute
line 264 column 21 - Warning: link isn't allowed in <body> elements
line 265 column 1 - Warning: unknown attribute "as"
line 265 column 1 - Warning: link isn't allowed in <body> elements
line 266 column 1 - Warning: <link> isn't allowed in <body> elements
line 267 column 1 - Warning: <link> element not empty or not closed
line 935 column 1 - Warning: unknown attribute "data-backdrop"
```