**Phase 3 End Project---Evaluate the Performance of an E-learning Application Using Jmeter**

**Write Up:**

**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)

**The following requirements should be met:**

 Some of the source code should be tracked on GitHub repositories. You need to document the tracked files that are ignored during the final push to the GitHub repository.

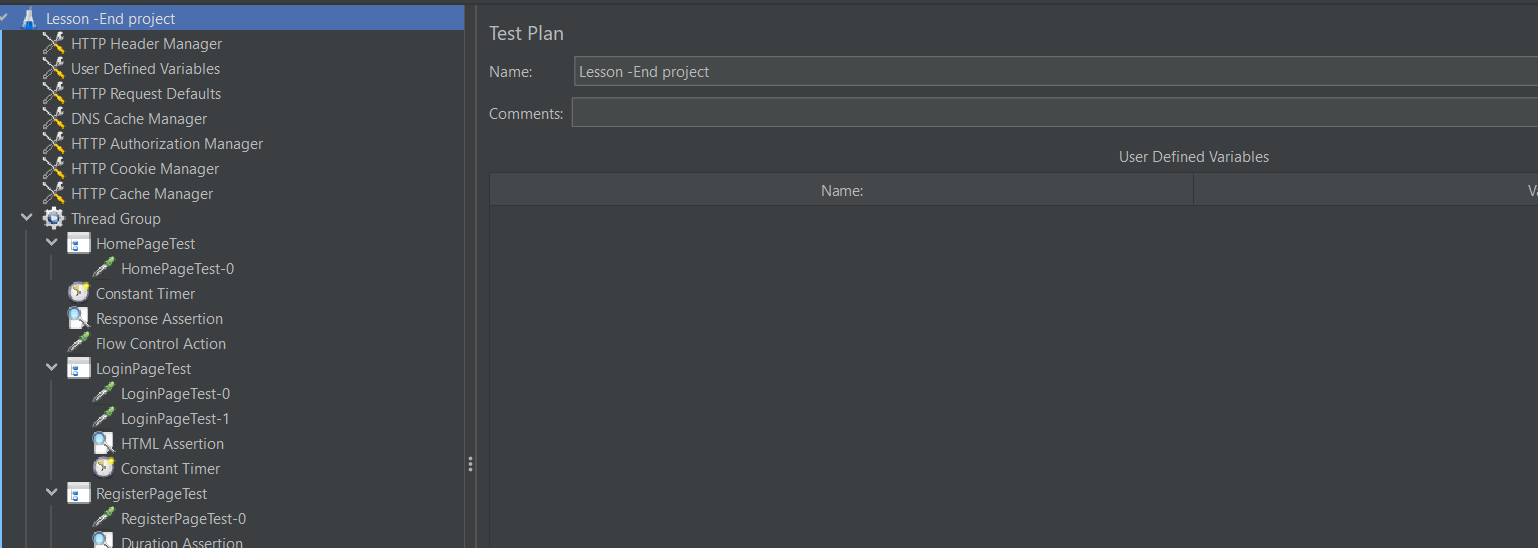
The submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link to the repository in the document.

The step-by-step process involved in completing this task should be documented.

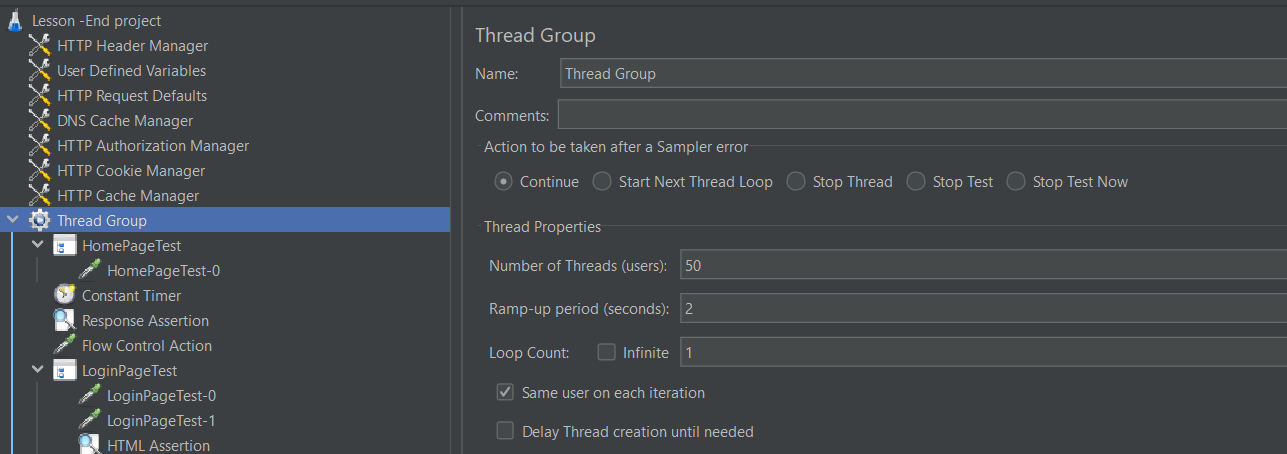
 URL to test: www.simplilearn.com

**Source code:**

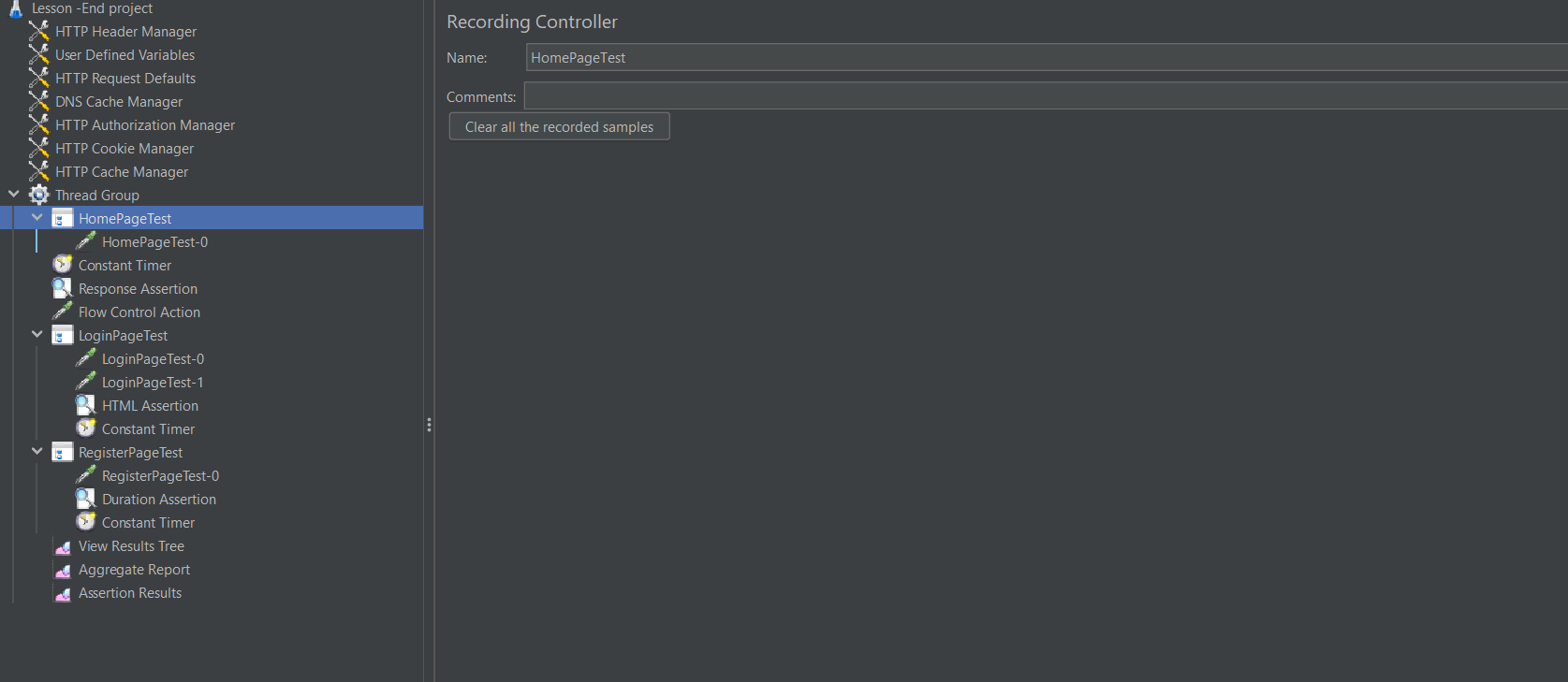
First open the test plan give name to the test plan to lesson end project



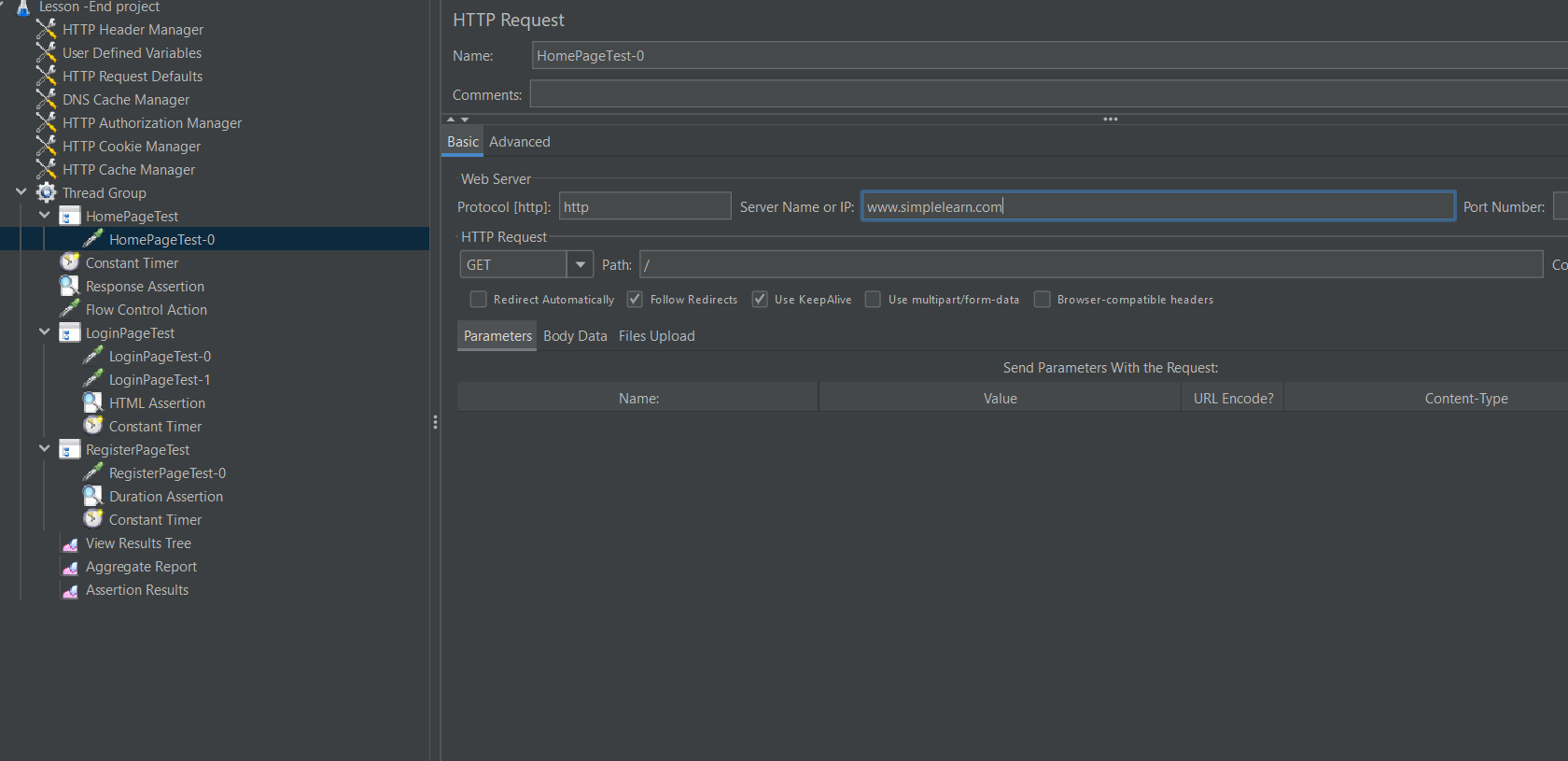
Next add some HTTP Headers

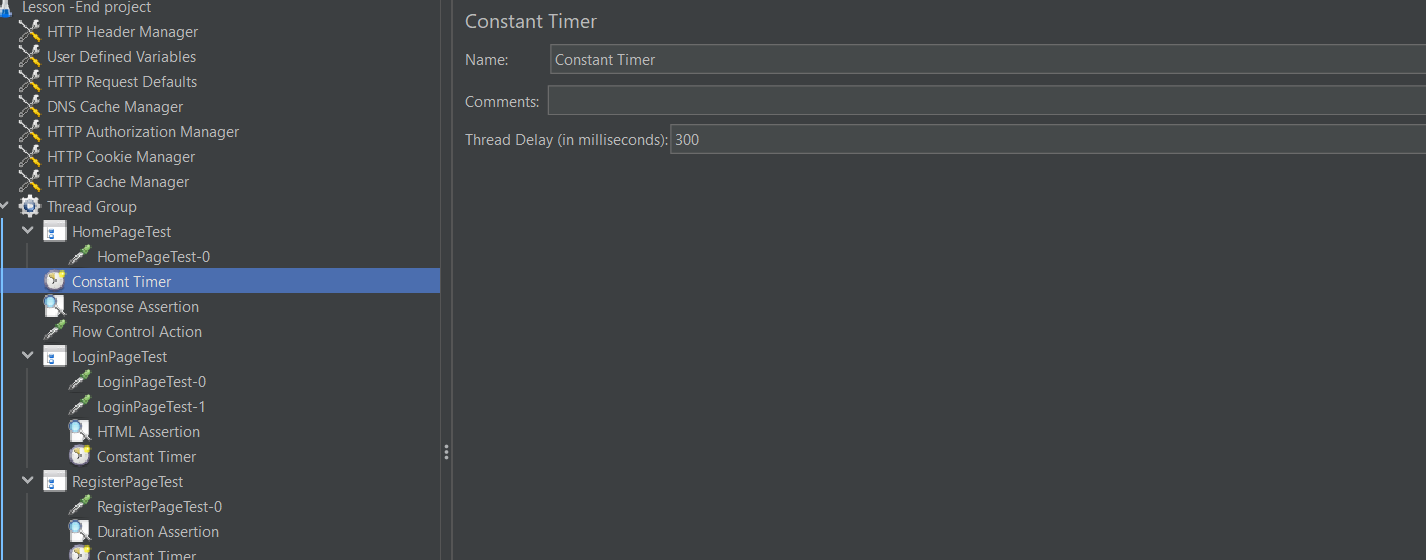
Next step add thread group to test plan

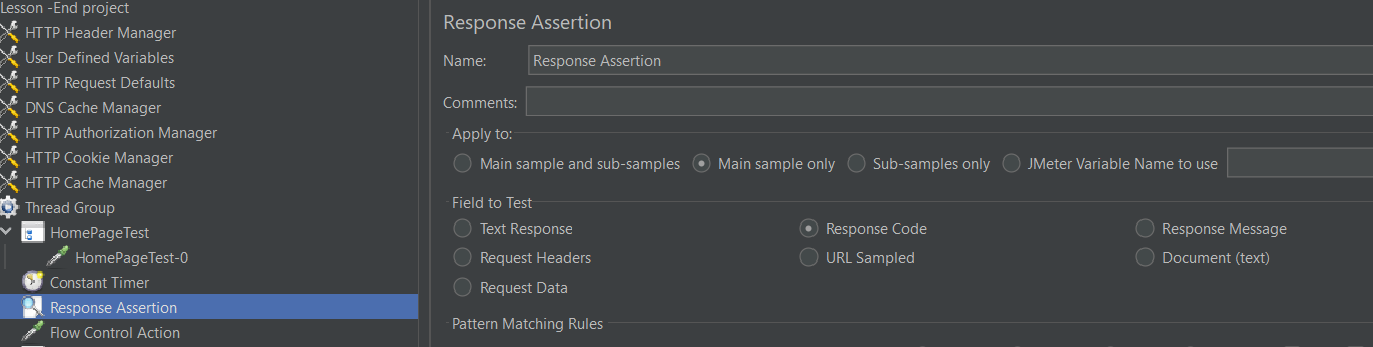
In Thread group add some logic controller and give name as home page test



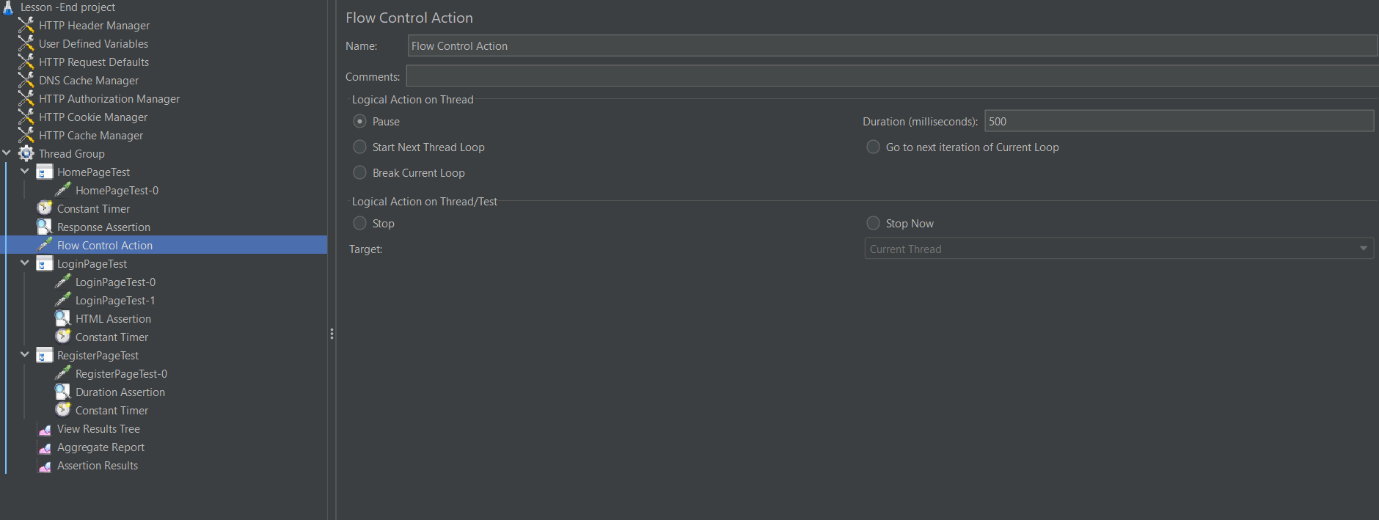
Next step add Http request go to thread group>add >samplers>http request give name as homepage test -0



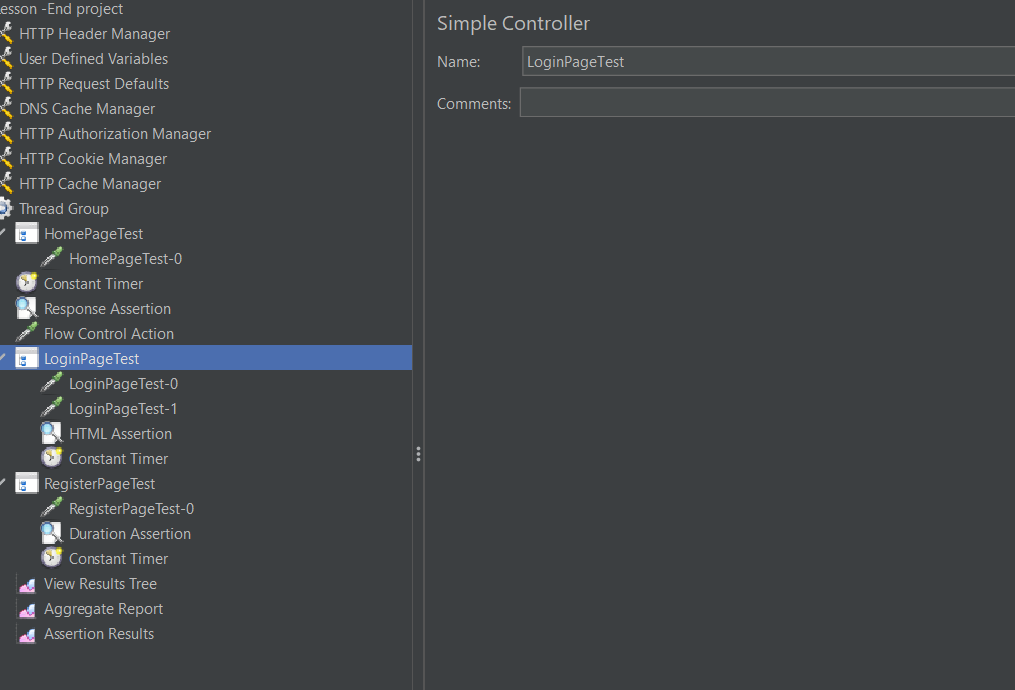
Next step add timers in constant timer

Next add Assertions use Response assertion

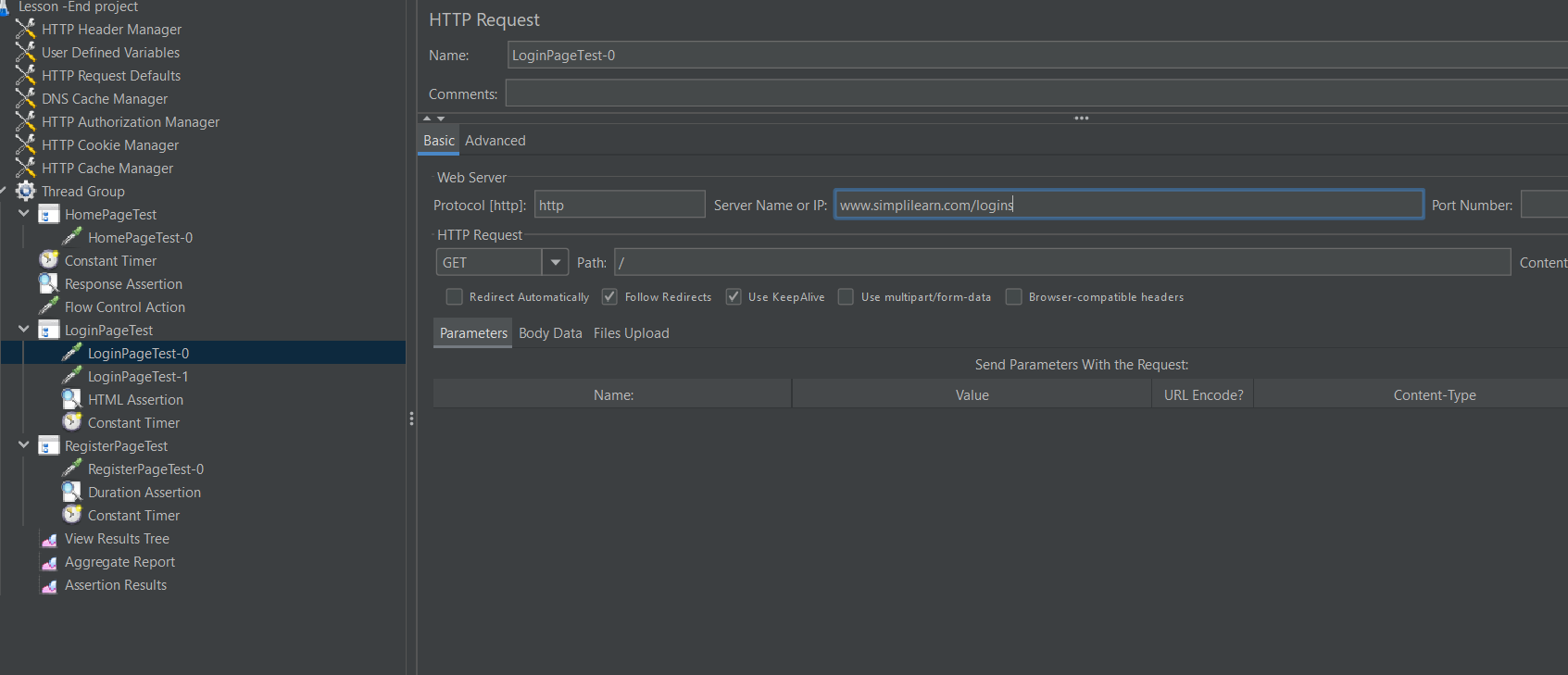
Next step add flow control Action



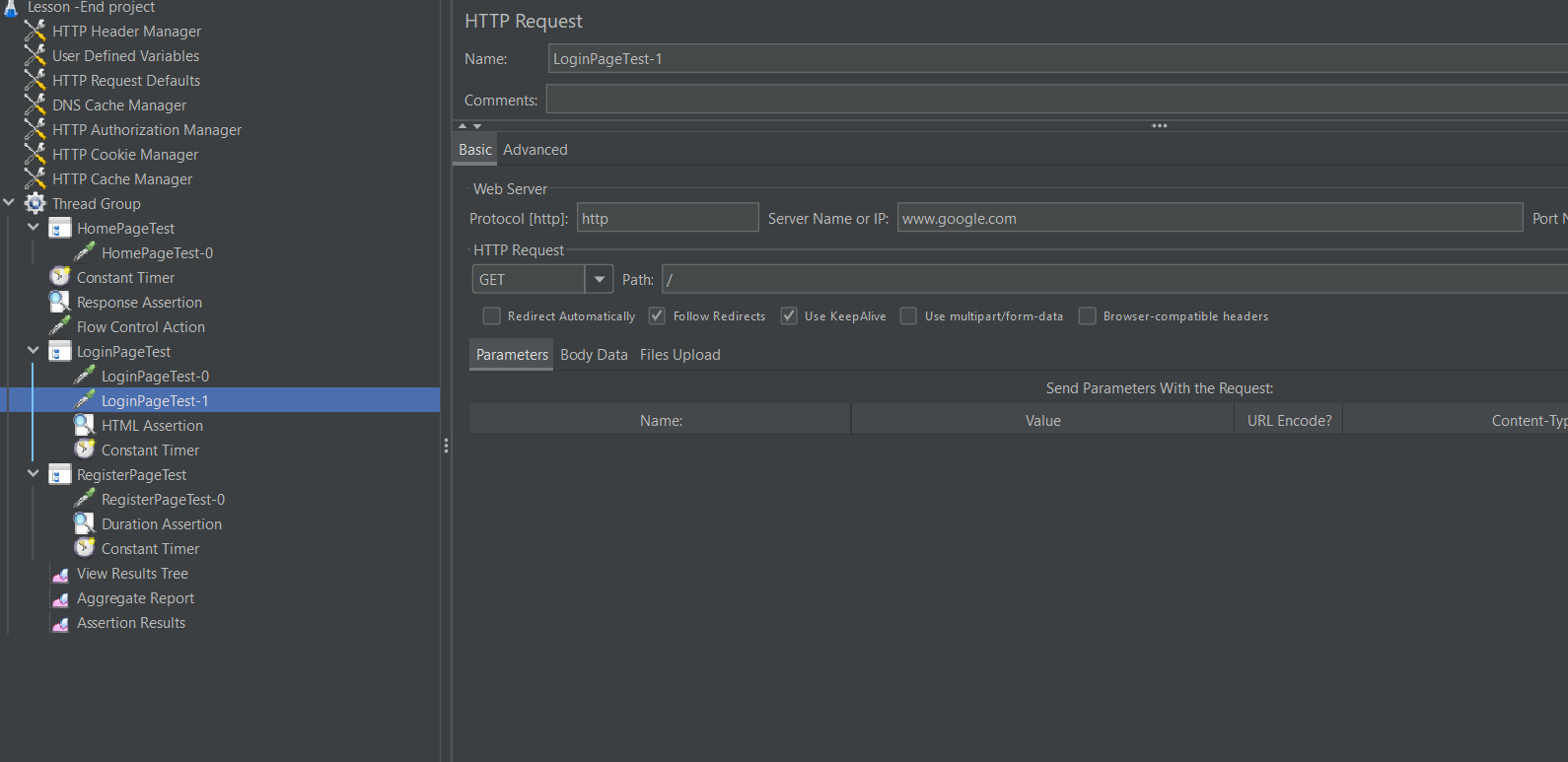
Next give controller right click>thread group>go to logical controller>give controller name name as loginPage test



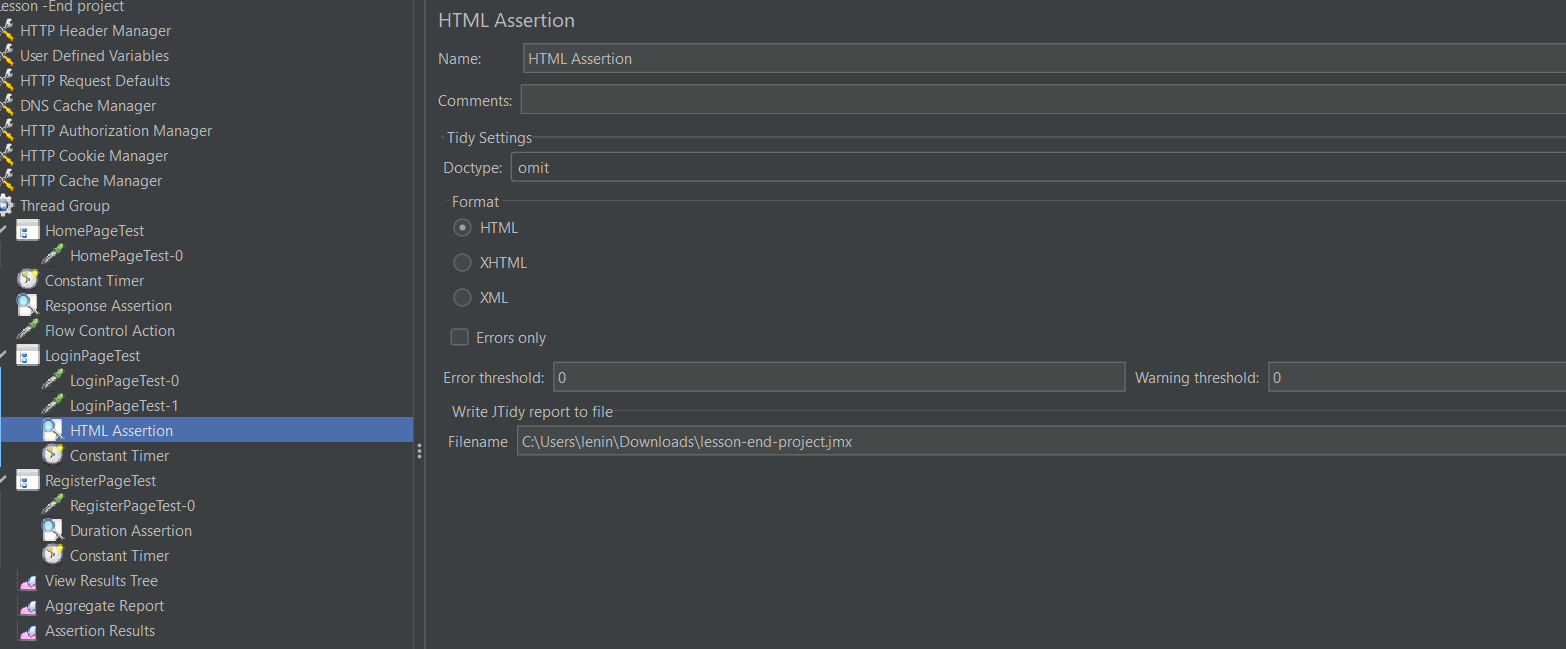
Add html request name as loginPagetest-0

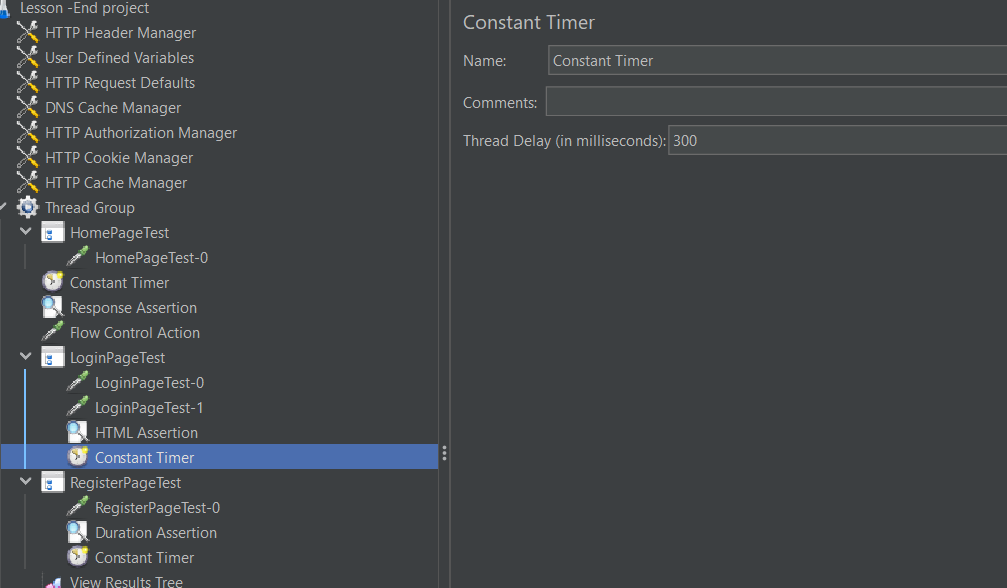


Next add html request to give name as login page test-1

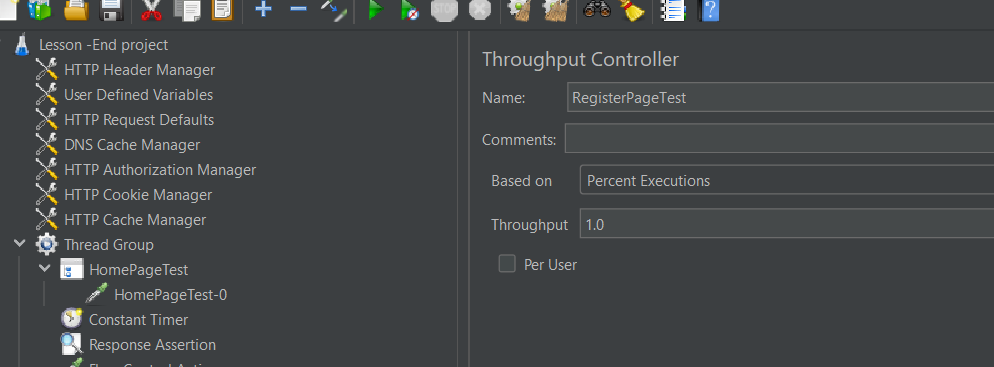


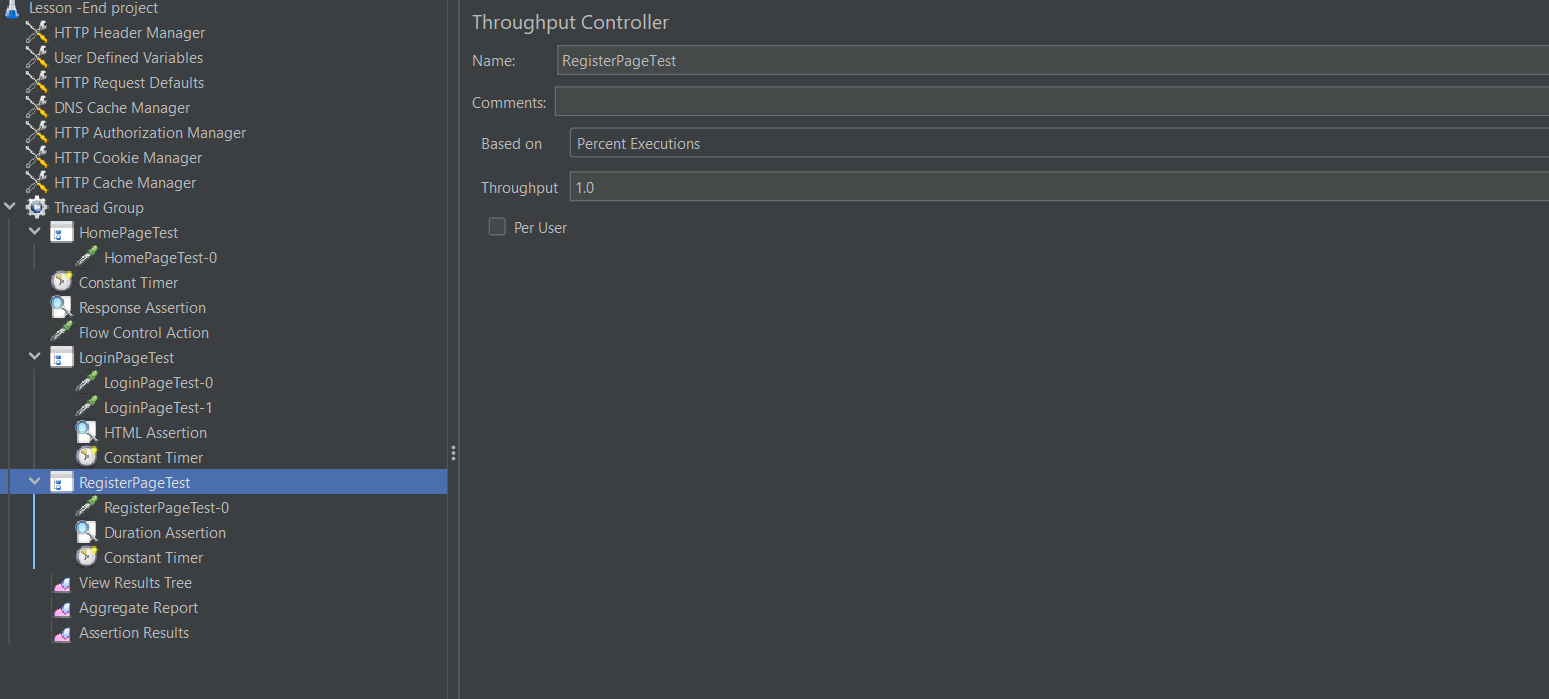
Next add HTML assertion go to samplers>assertions>html assertion



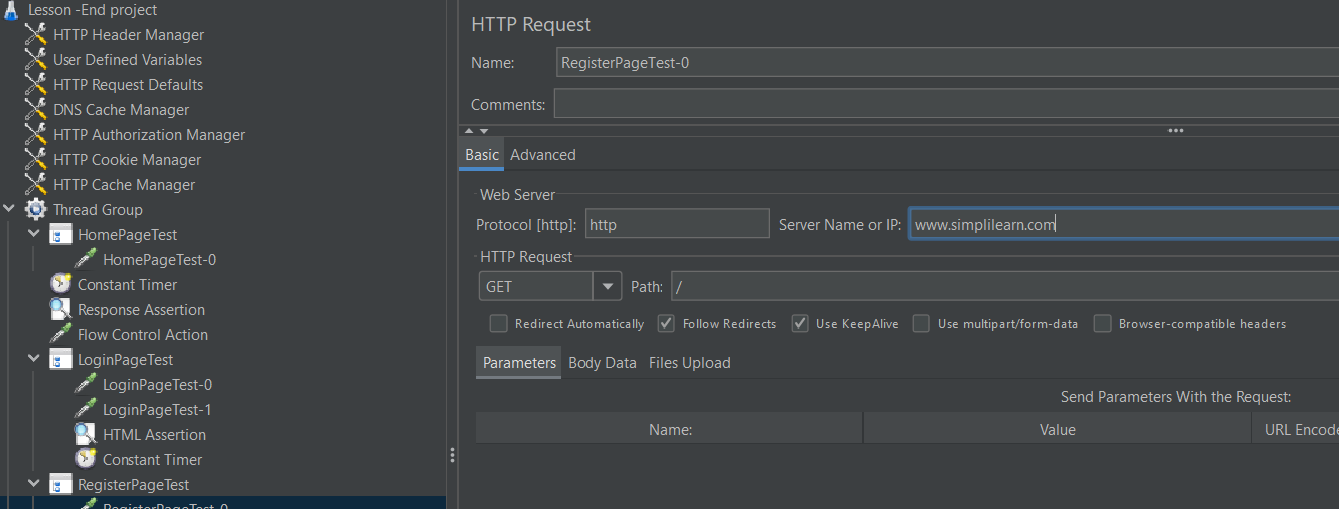
Next add timers go to samplers section>timers>constant timers

Next step add go to thread group> add > logical controller>throughput controller>give name as RegisterPage test

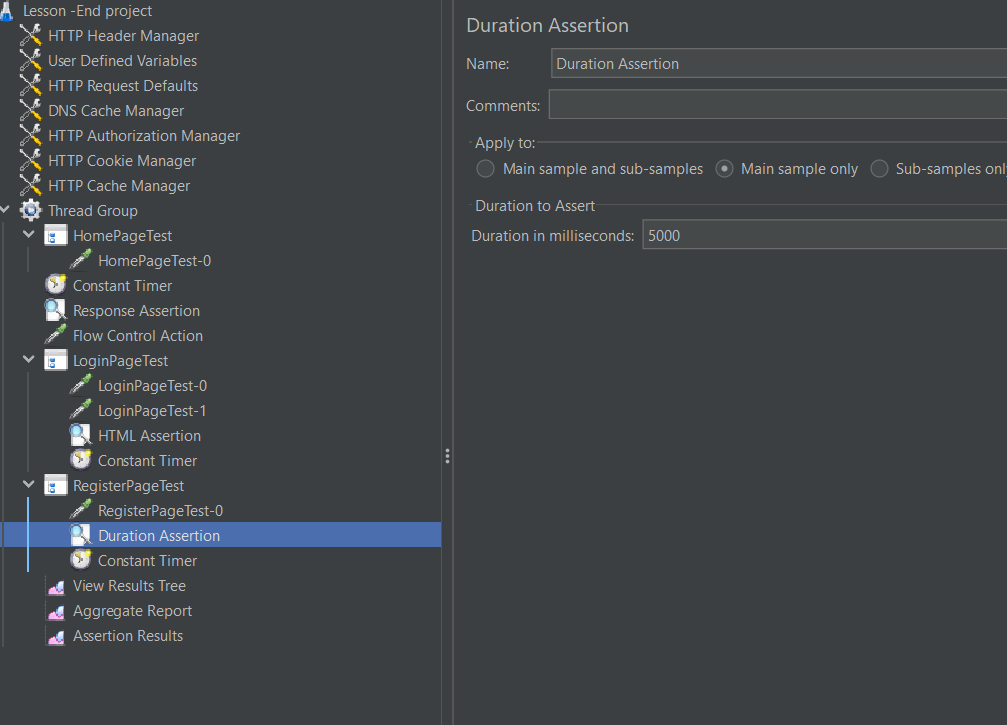




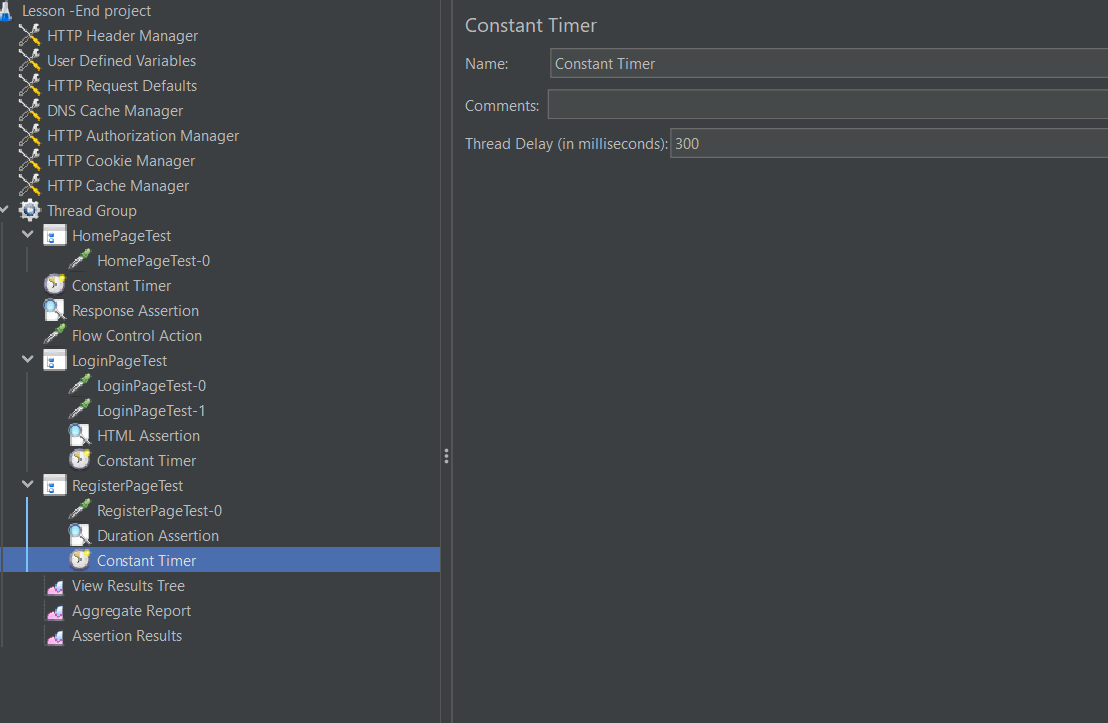
Next add http request name as RegisterdPage test-0



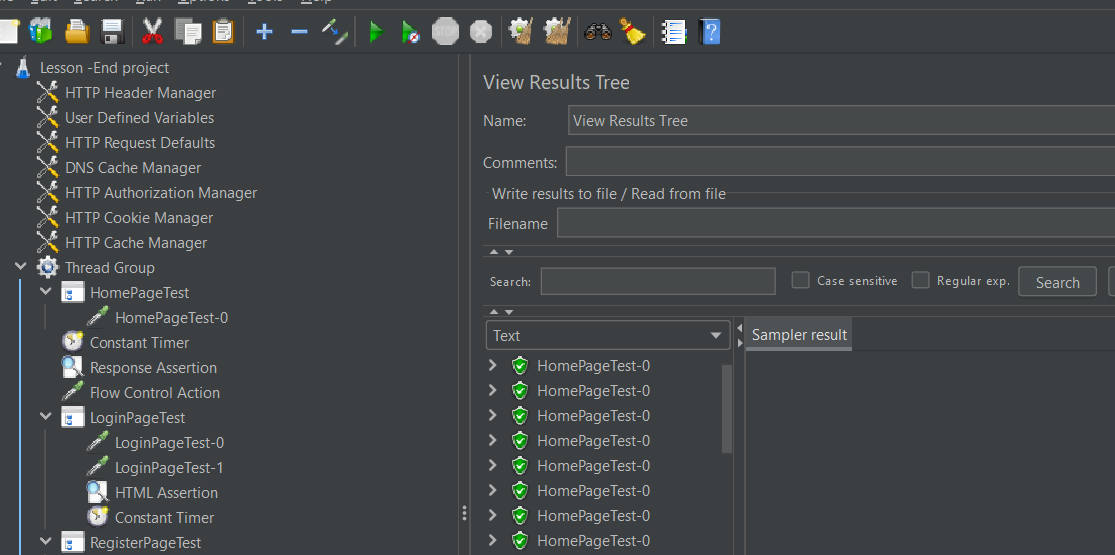
Next add Assertion assertion name duration assertion

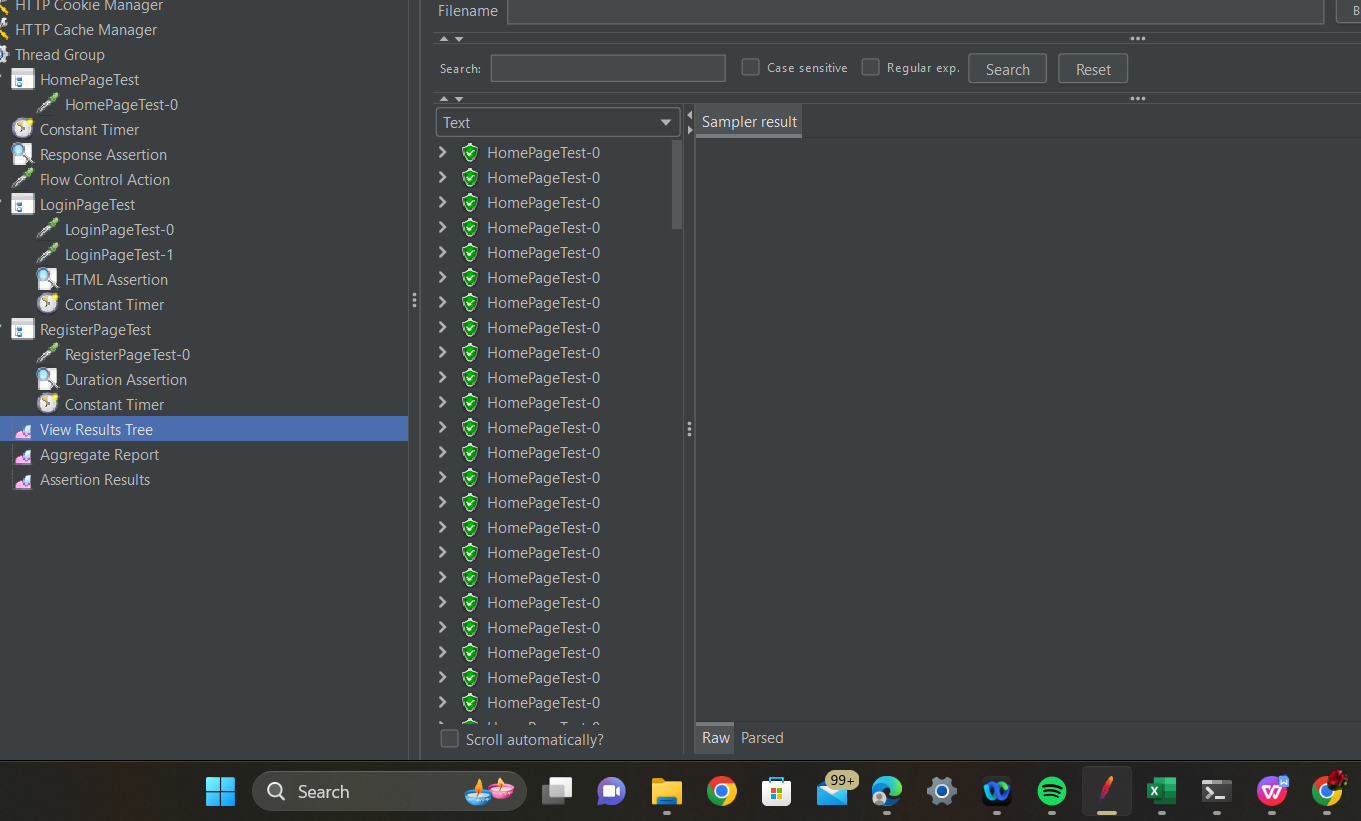


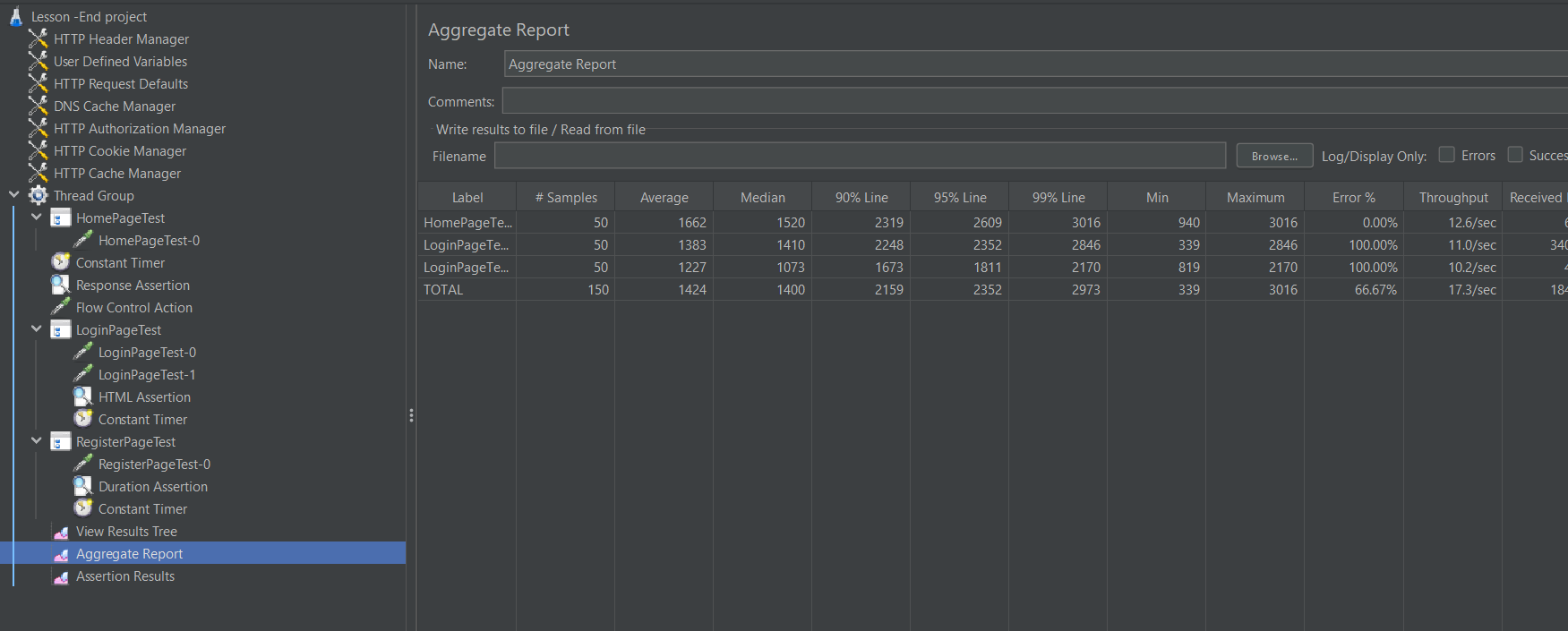
Next add timer select constant timer



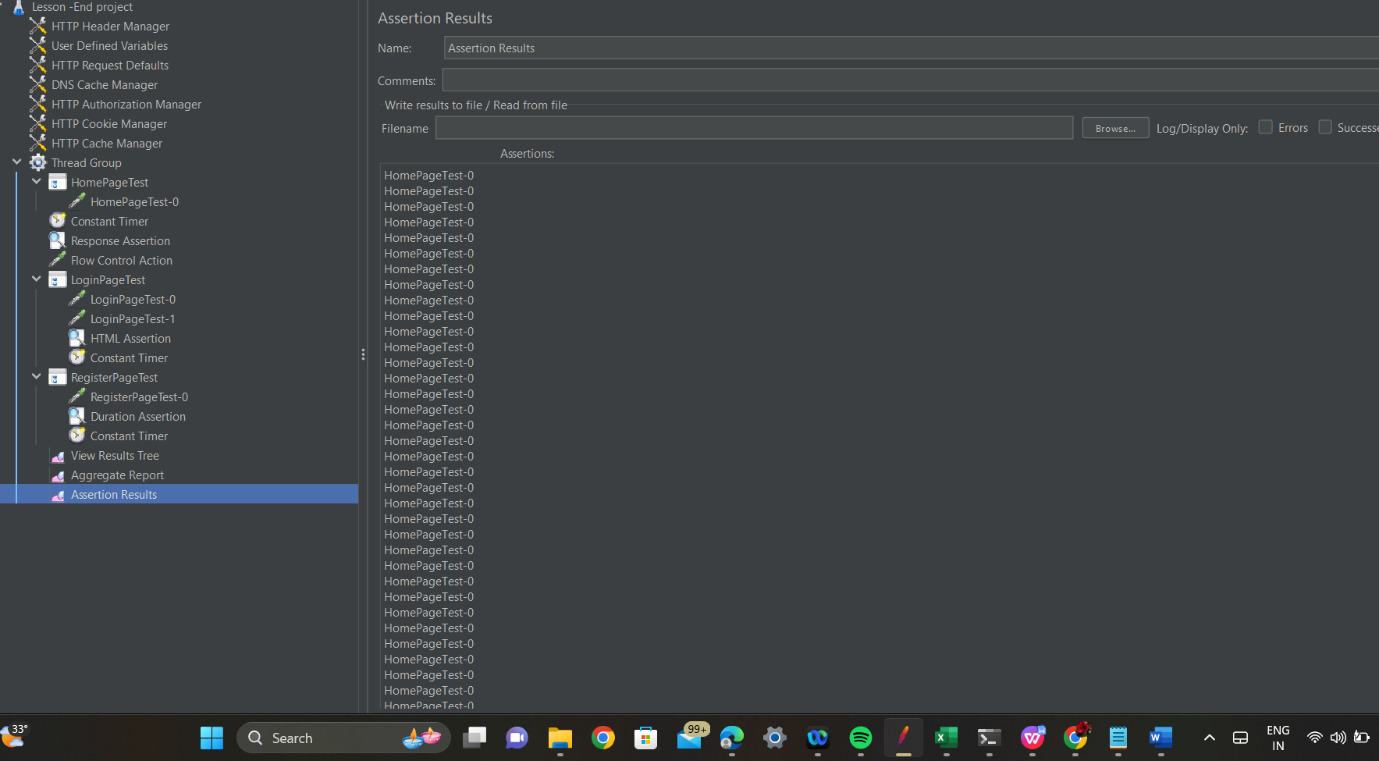
Next go to test plan >add > listeners>select view results tree



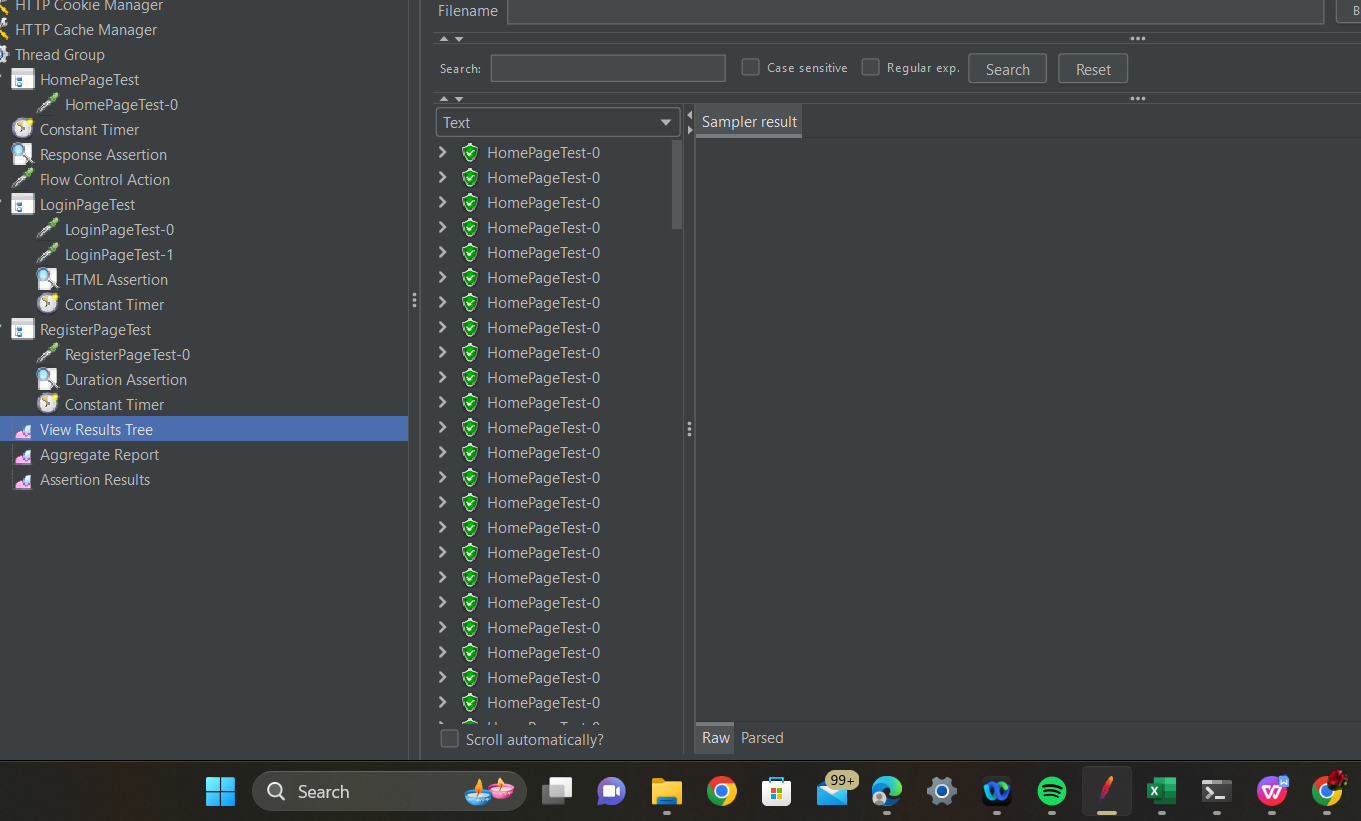


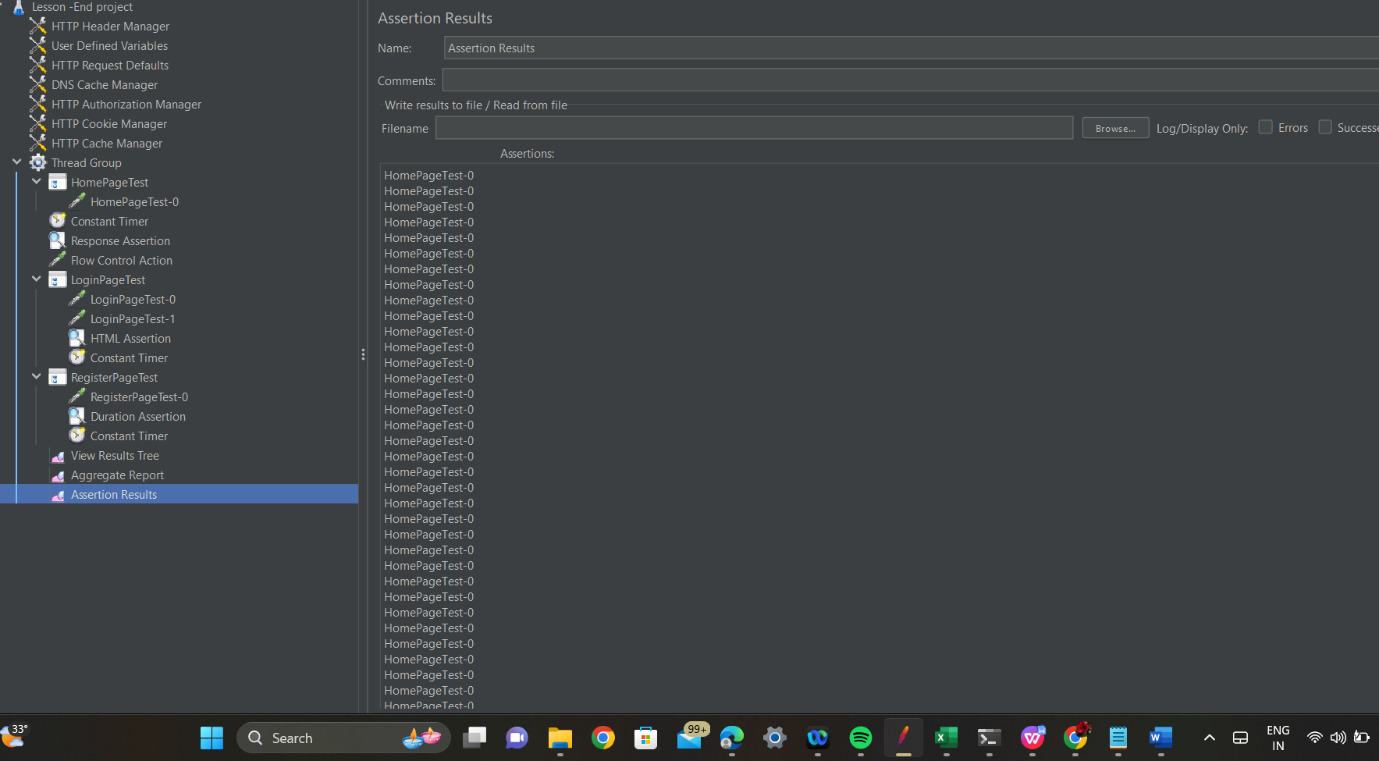
Next add aggregation report

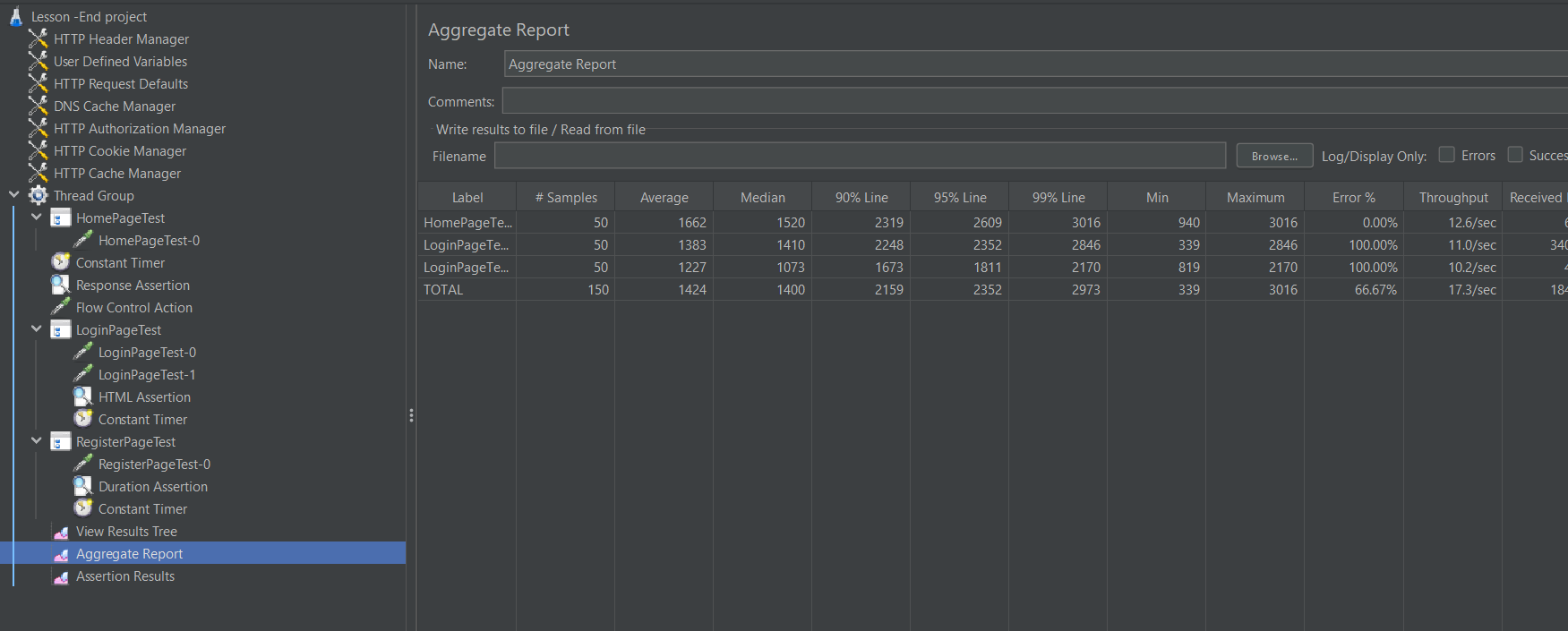
Next add test plan >thread group> listeners>assertion results

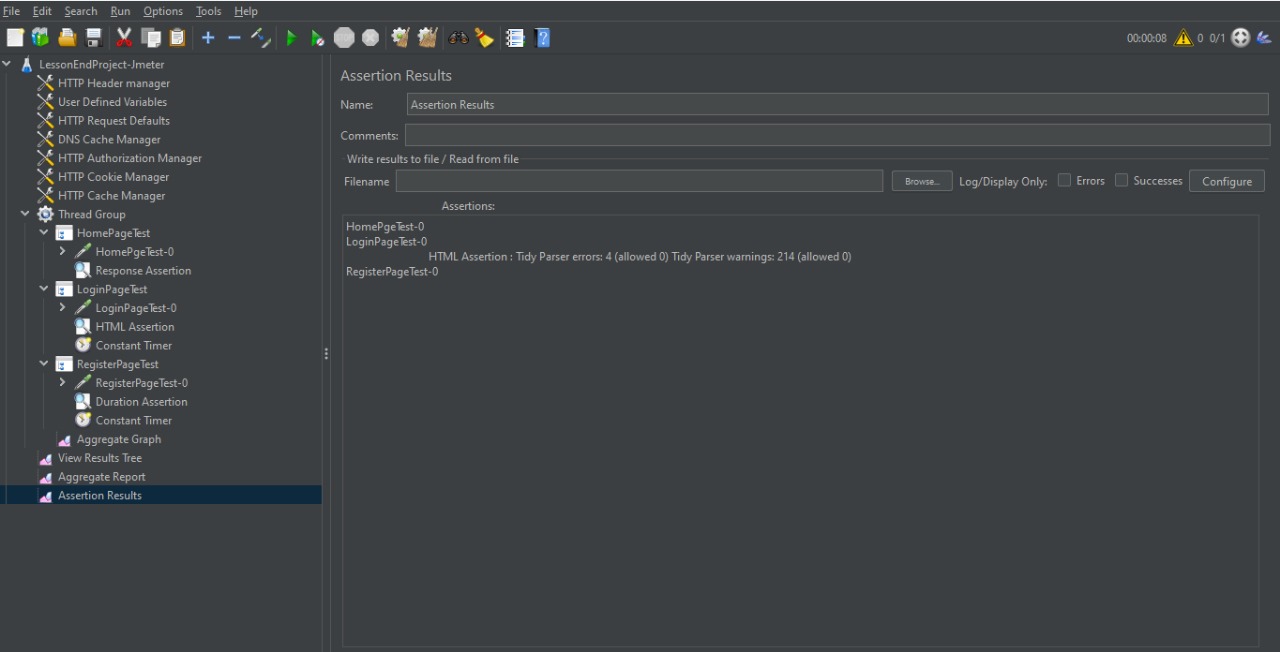


**Screen shots:**

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