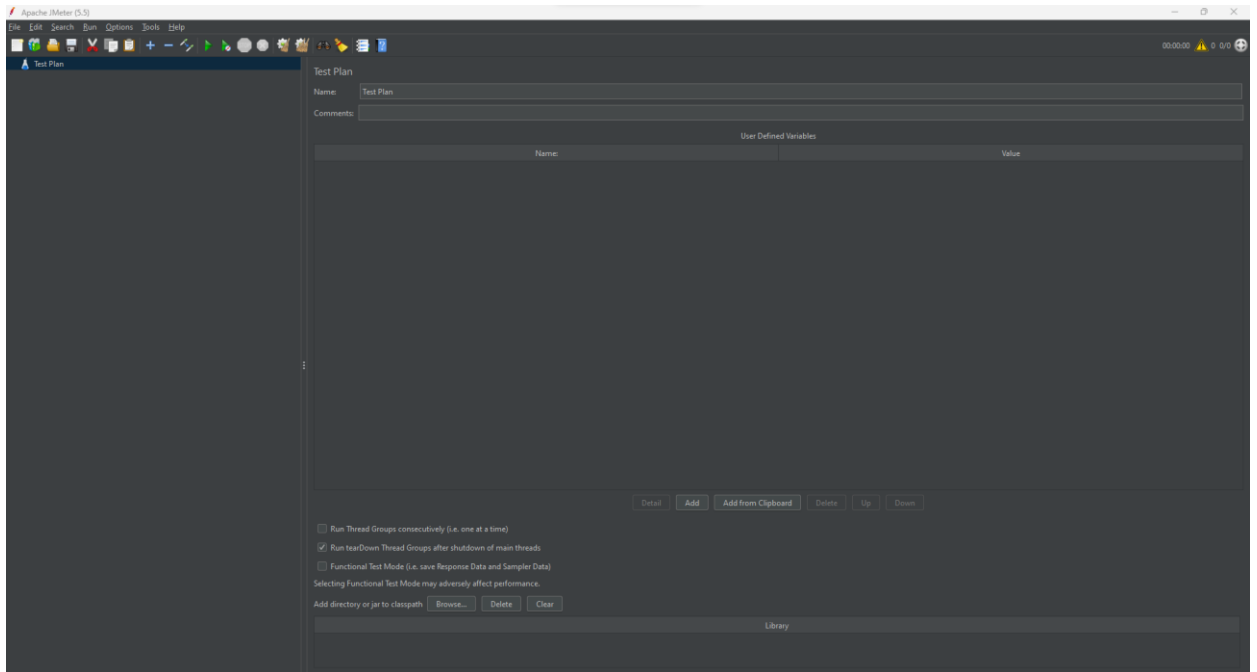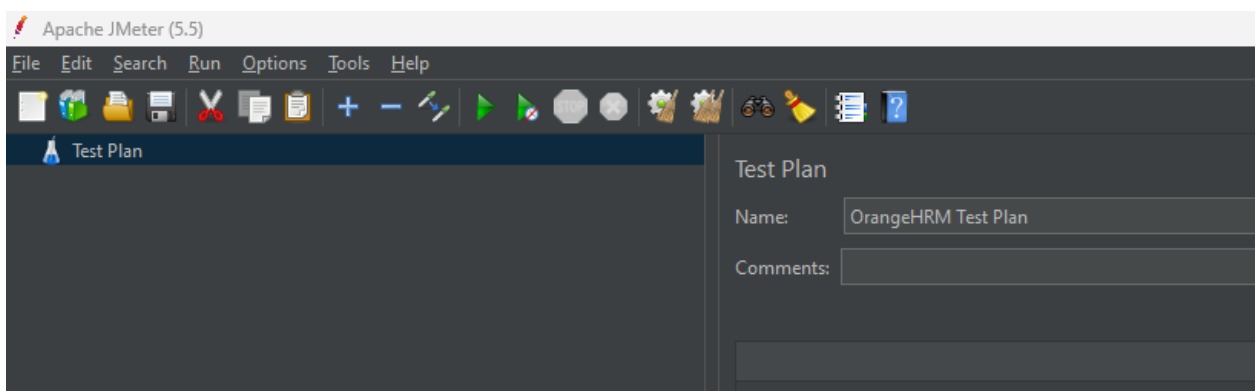# Jmeter : Perform 2 rounds of load testing with minimum 20 users, on OrangeHrm application using JMETER
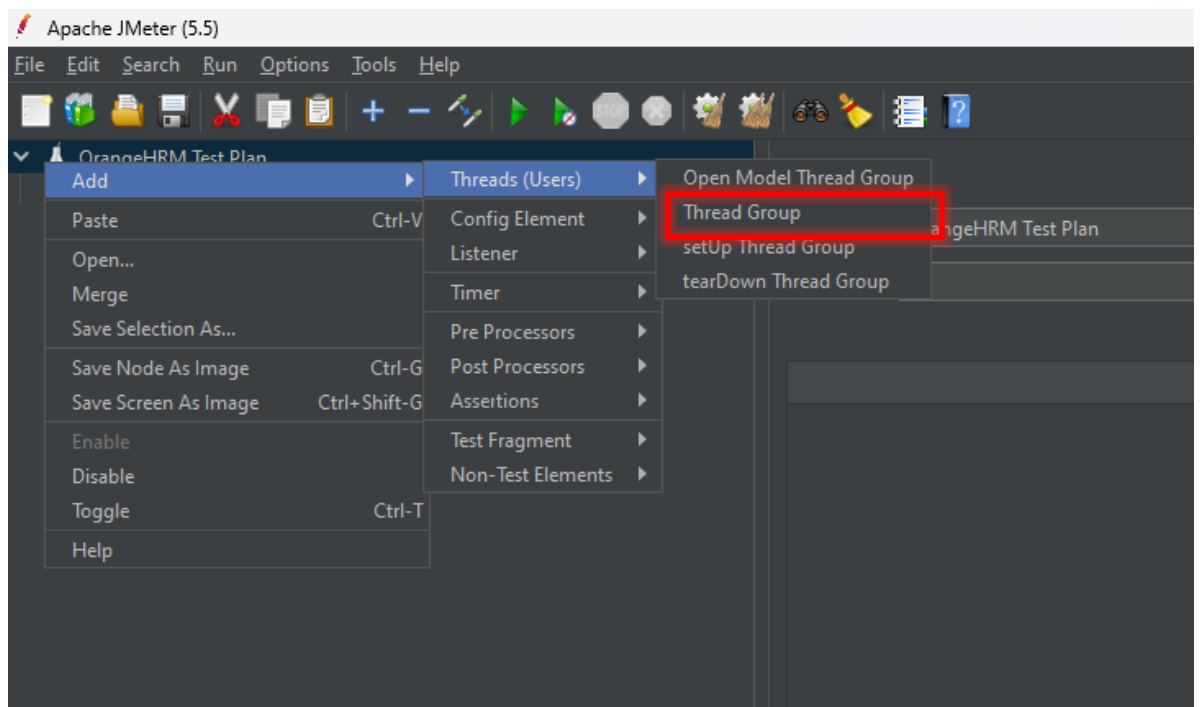
By **Nidish Rao**

1. Open Jmeter by running the Jmeter bash file. The Jmeter window opens as shown below

2. Giving a name to our test plan. We are working on OrangeHRM so we will give Test Plan name as "OrangeHRM Test Plan"

3. Adding a new thread group our test plan by right clicking on our test plan and navigating as shown below (Add>> Threads>> Thread Group)

4. The Thread Group window will open and look as shown below

5. As the given problem statement asks for 2 rounds of load testing on 20 users we will add following conditions in our thread group
    - Number of threads (users) : 20
    - Ramp-up period (seconds) : 2
    - Loop count : 2

Thread Group

Name: Thread Group

Comments:

Action to be taken after a Sampler error

◉ Continue ◯ Start Next Thread Loop ◯ Stop Thread ◯ Stop Test ◯ Stop Test Now

Thread Properties

Number of Threads (users): 20

Ramp-up period (seconds): 2

Loop Count: ☐ Infinite 2
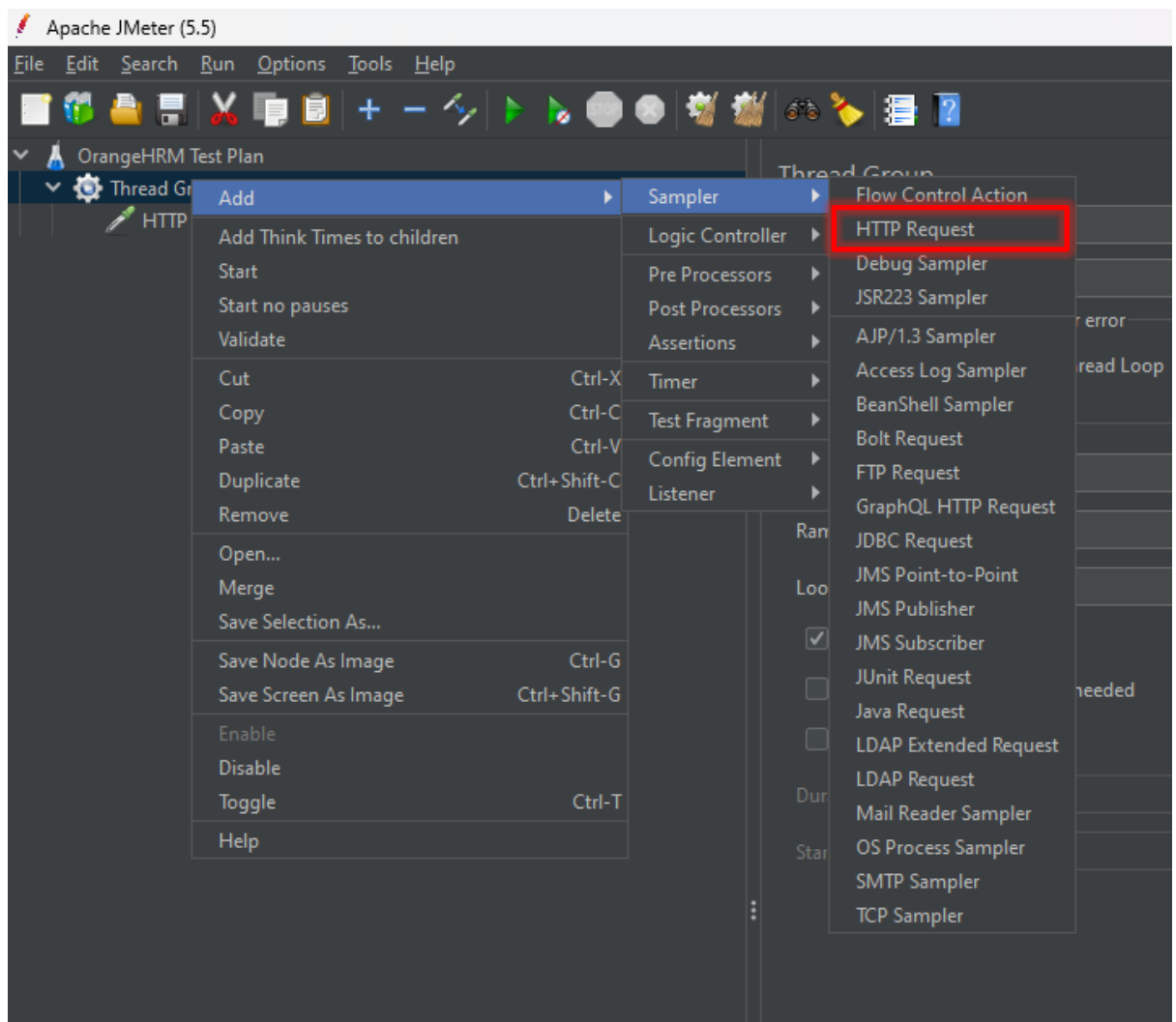
☑ Same user on each iteration

☐ Delay Thread creation until needed
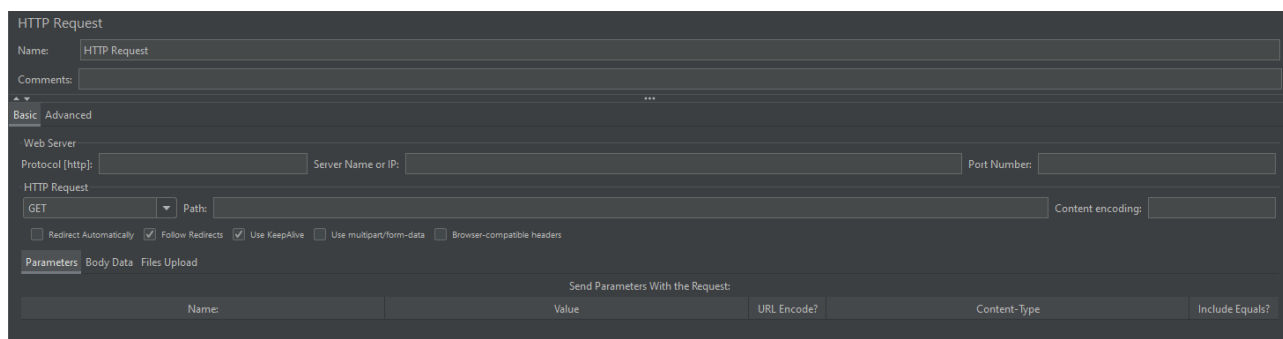
☐ Specify Thread lifetime

Duration (seconds):

Startup delay (seconds):

6. Adding a HTTP Request sampler to our thread group by right clicking on our thread group and navigating as shown below (Add>> Sampler>> HTTP Request)


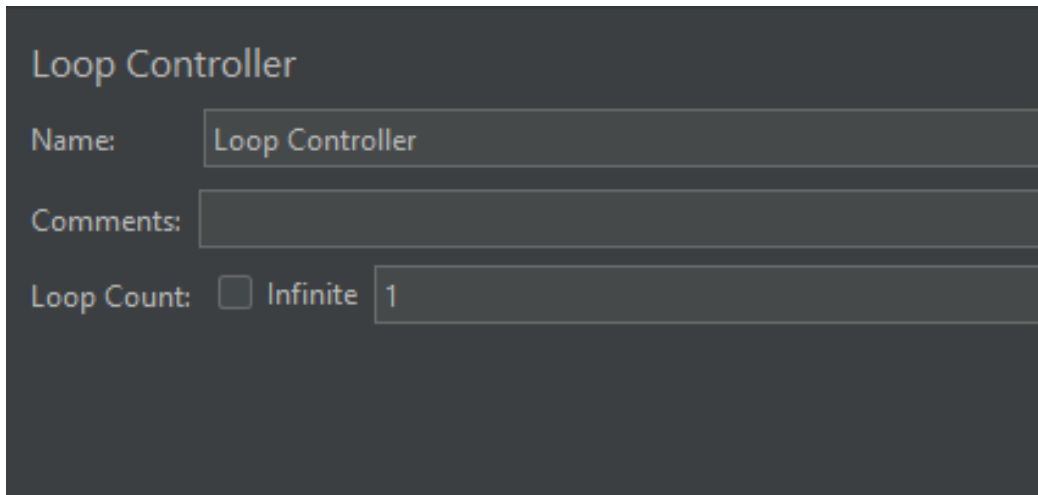7. The HTTP Request sampler window will open and look as shown below

8. We will name our HTTP request sampler as "OrangeHRM Login Page". Next, we will add server name i.e URL of our OrangeHRM application and add path for which page we are performing load testing i.e Login page of Orange HRM Application

9. Adding a Loop controller to our thread group by right clicking on our thread group and navigating as shown below (Add>> Logic Controller>> Loop Controller)
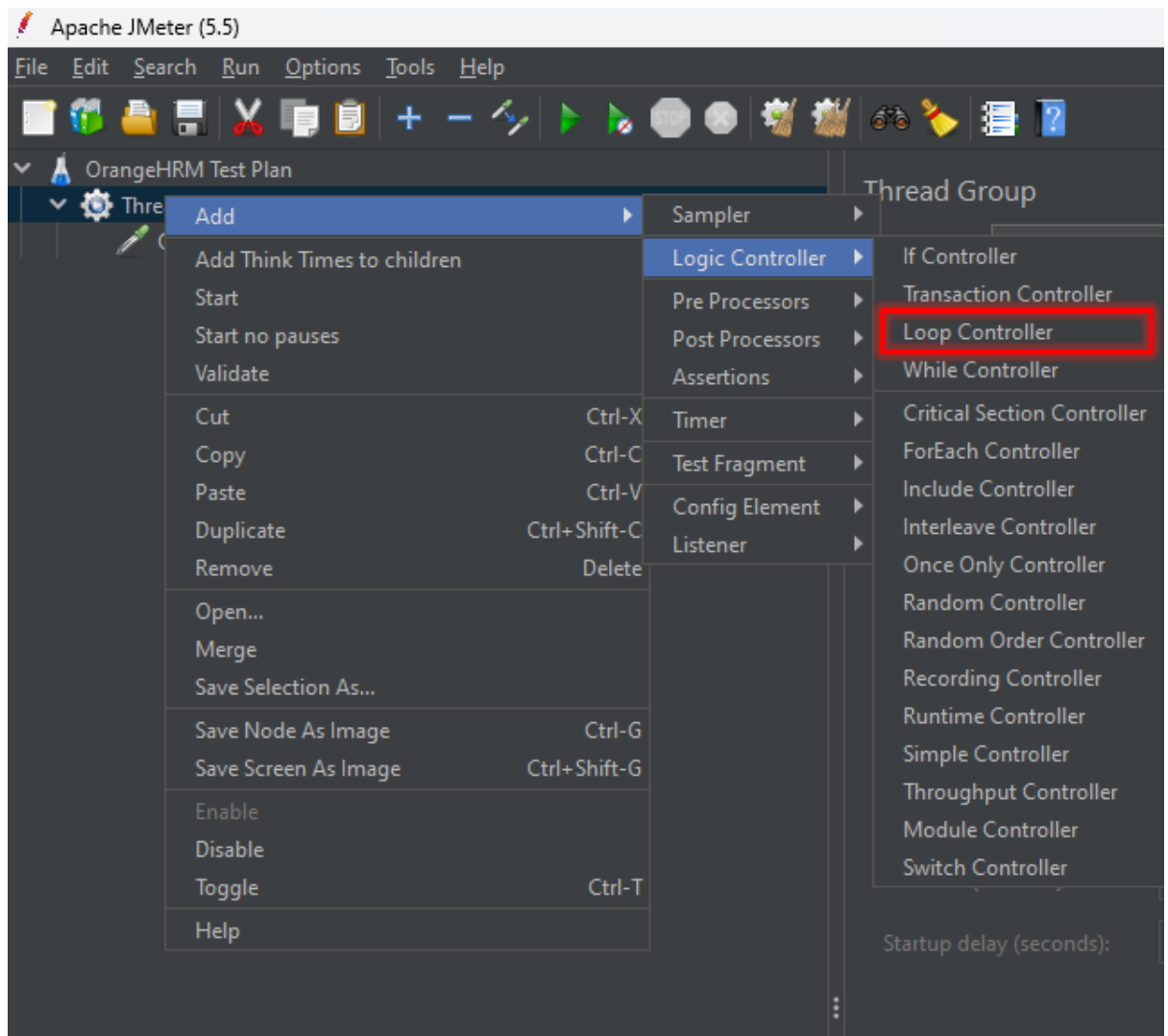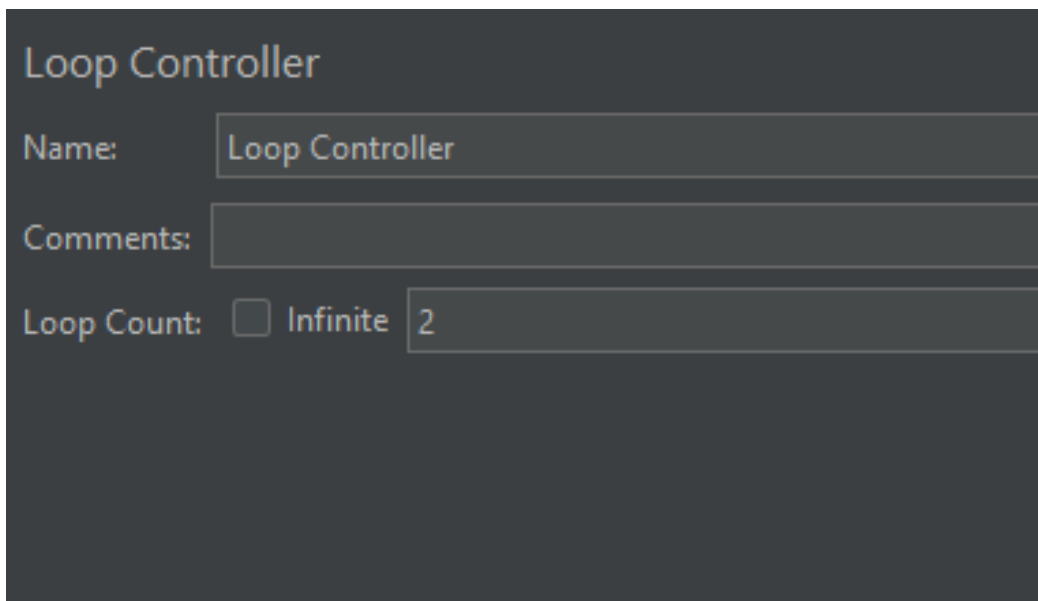
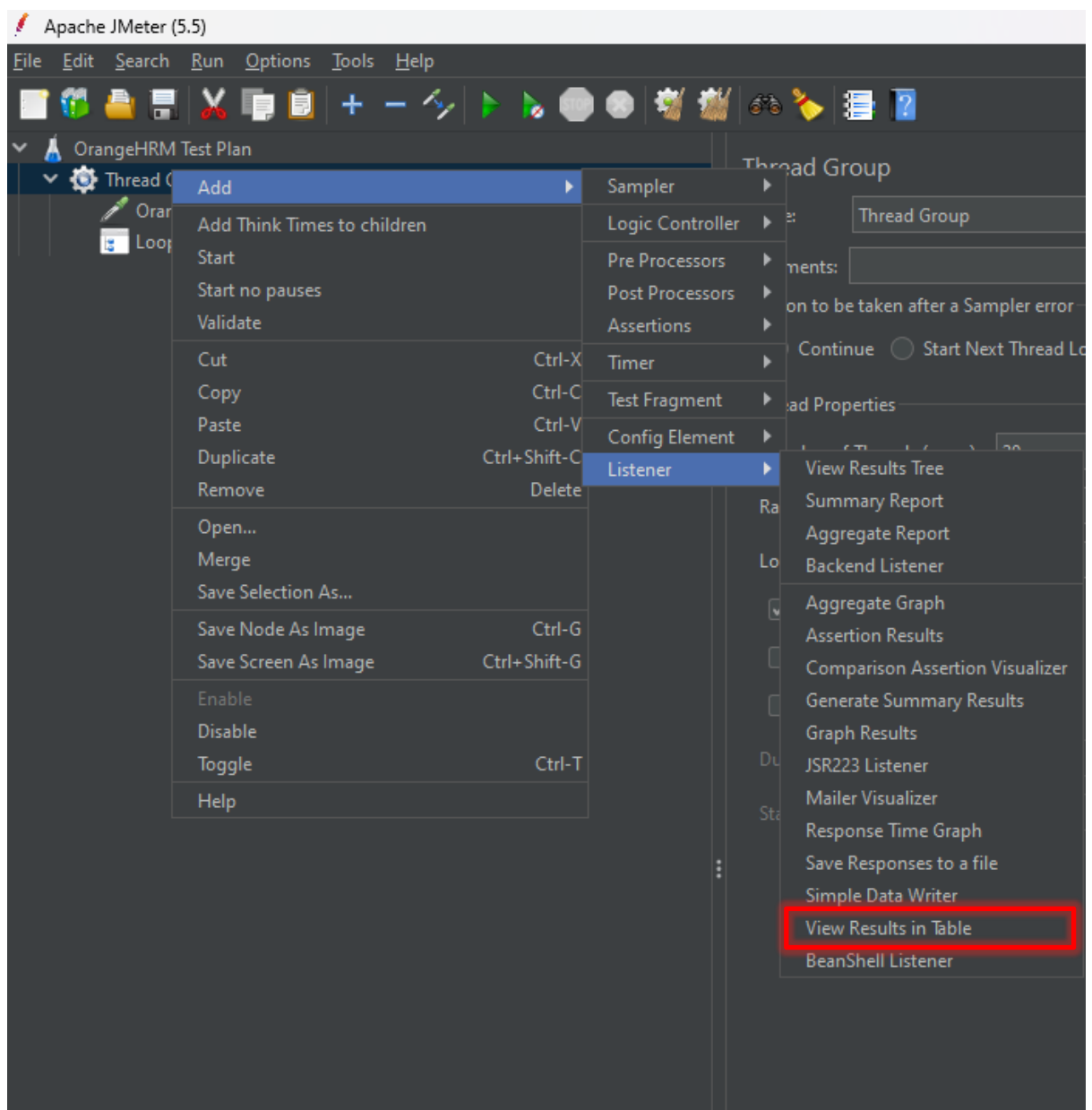10. The Loop Controller window will open and look as shown below

11. As the given problem statement asks for 2 rounds of load testing on 20 users we will add following conditions in our thread group
    - Loop count : 2

12. Adding a View Results in Table to our thread group by right clicking on our thread group and navigating as shown below (Add>> Listener>> View Results in Table)

13. Now we will perform load testing by saving and running the Jmeter file. The output will be displayed in a Table format for 20 users for 2 loop counts as shown below

14. Adding a View Results Tree to our thread group by right clicking on our thread group and navigating as shown below (Add>> Listener>> View Results Tree)
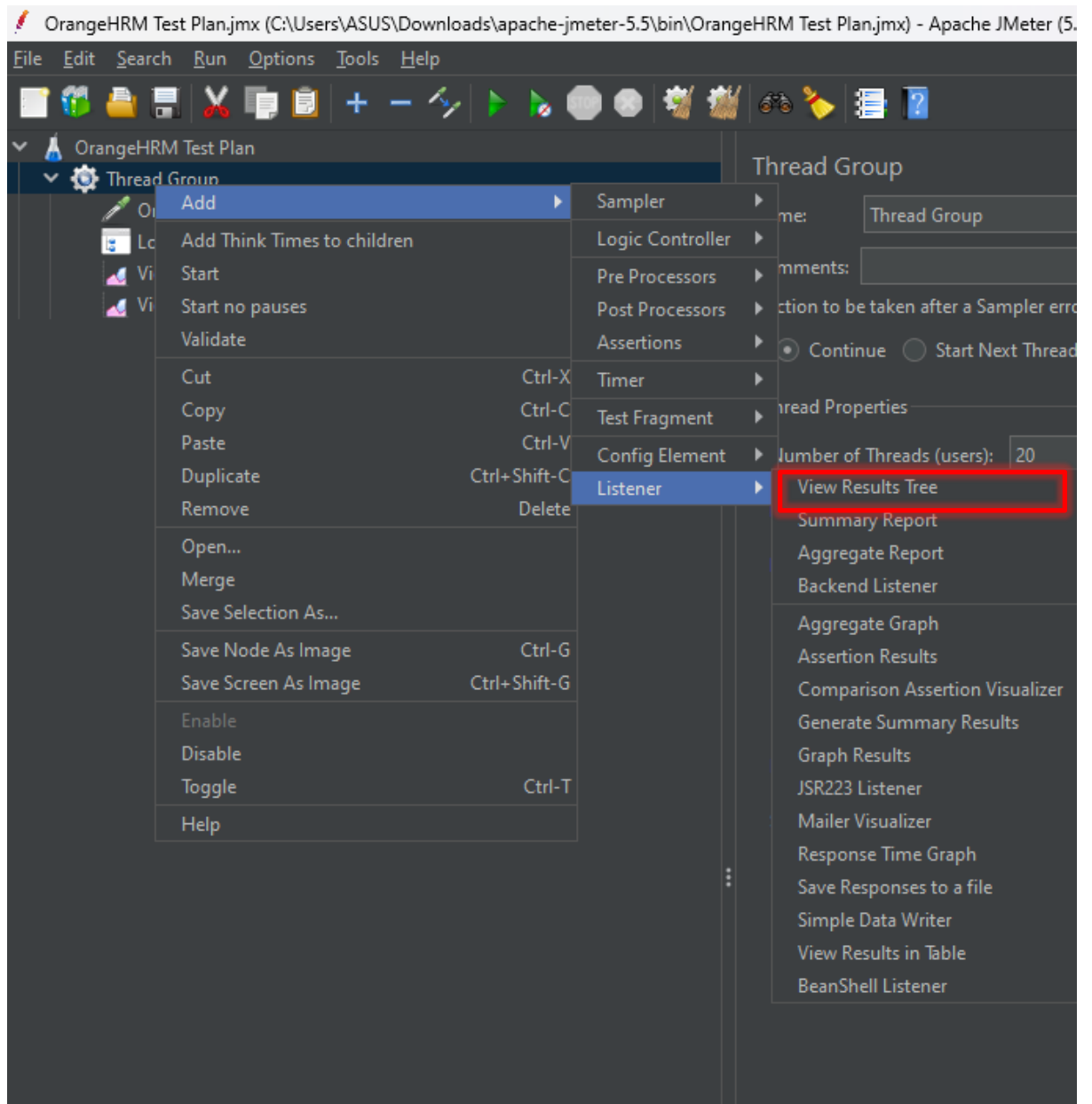
15. Now we will perform load testing by saving and running the Jmeter file. The output will be displayed in a tree format for 20 users for 2 loop counts as shown below