Phase3-Practice Project: Assisted Practice

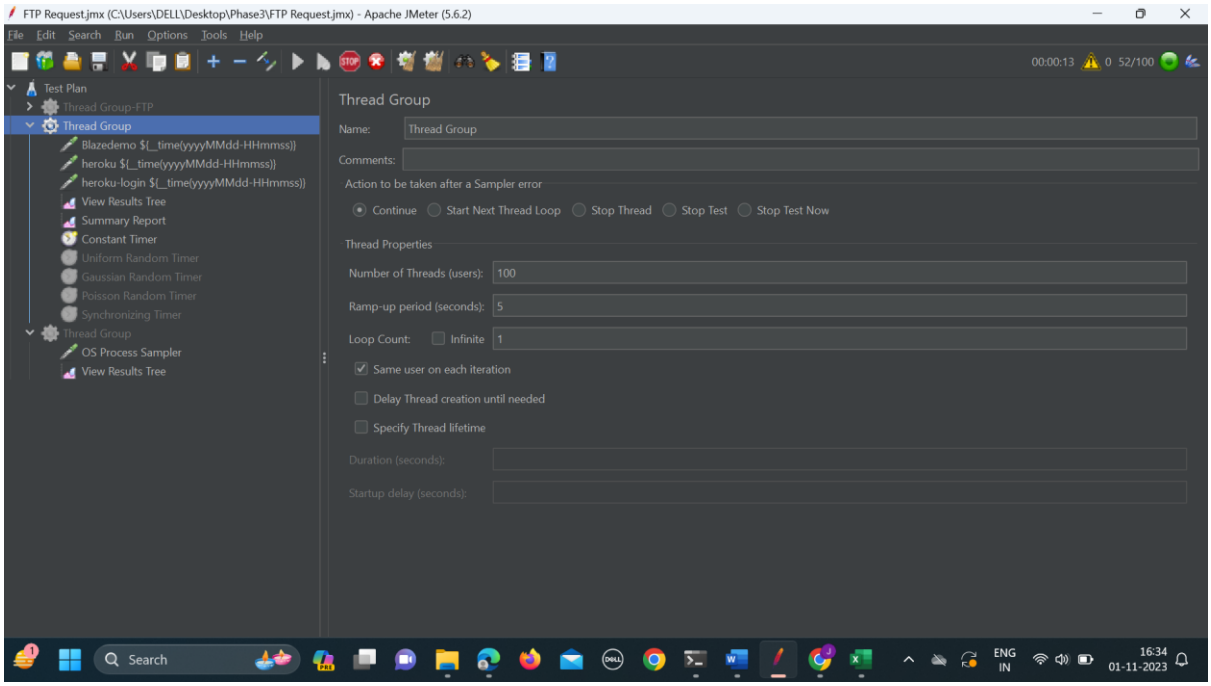
JMeter:

Random Timers:

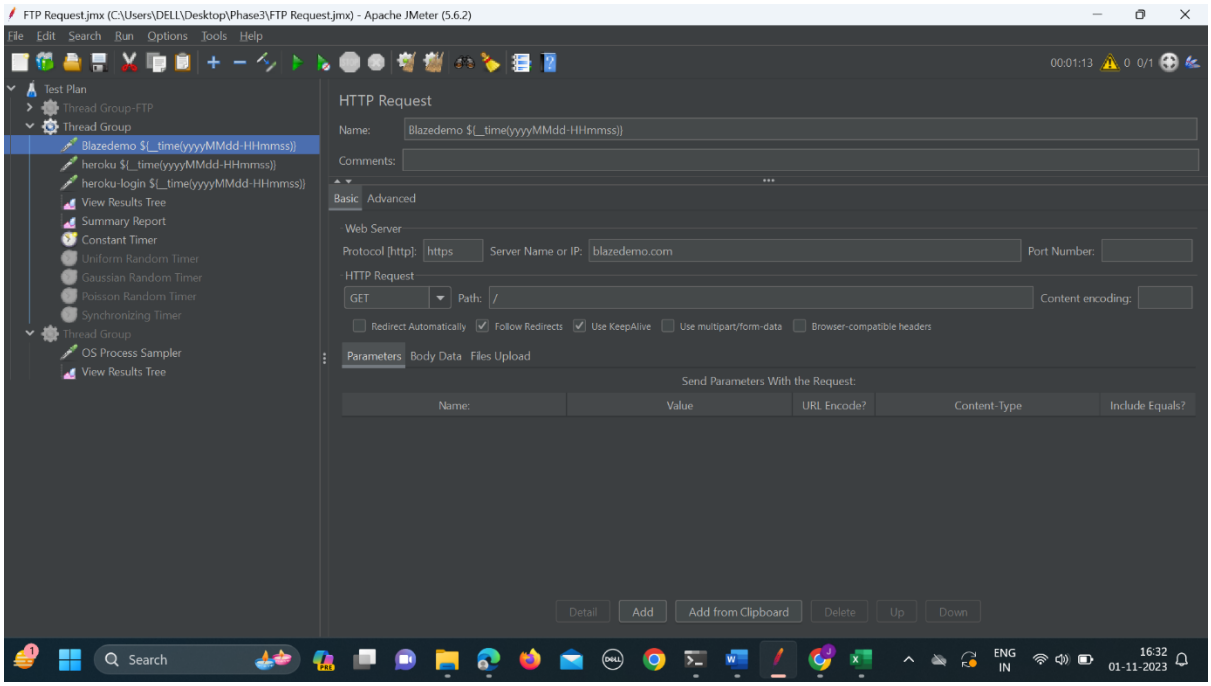
Write a program to demonstrate random timers (Constant, Gaussian, and Poisson timers) in JMeter.

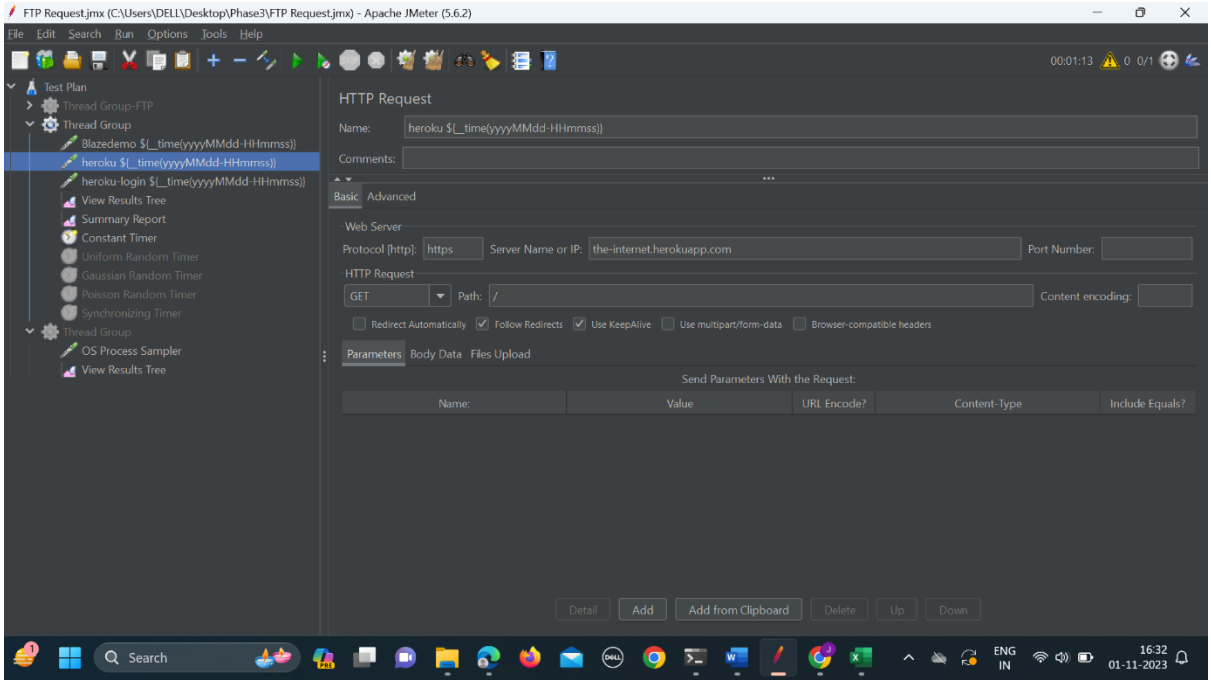
Write a program to demonstrate how a timer is synchronized in JMeter.

Create a thread group



Then add 3 http requests in thread group


FTP Request.jmx (C:\Users\DELL\Desktop\Phase3\FTP Request.jmx) - Apache JMeter (5.6.2)
File Edit Search Run Options Tools Help
00:01:13 0 0/1
Test Plan
Thread Group-FTP
Thread Group
Blazedemo ${__time(yyyyMMdd-HHmmss)}
heroku ${__time(yyyyMMdd-HHmmss)}
heroku-login ${__time(yyyyMMdd-HHmmss)}
View Results Tree
Summary Report
Constant Timer
Uniform Random Timer
Gaussian Random Timer
Poisson Random Timer
Synchronizing Timer
Thread Group
OS Process Sampler
View Results Tree
HTTP Request
Name: Blazedemo ${__time(yyyyMMdd-HHmmss)}
Comments:
Basic Advanced
Web Server
Protocol [http]: https
Server Name or IP: blazedemo.com
Port Number:
HTTP Request
GET
Path: /
Content encoding:
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
Search
ENG
IN
16:32
01-11-2023


FTP Request.jmx (C:\Users\DELL\Desktop\Phase3\FTP Request.jmx) - Apache JMeter (5.6.2)
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heroku ${__time(yyyyMMdd-HHmmss)}
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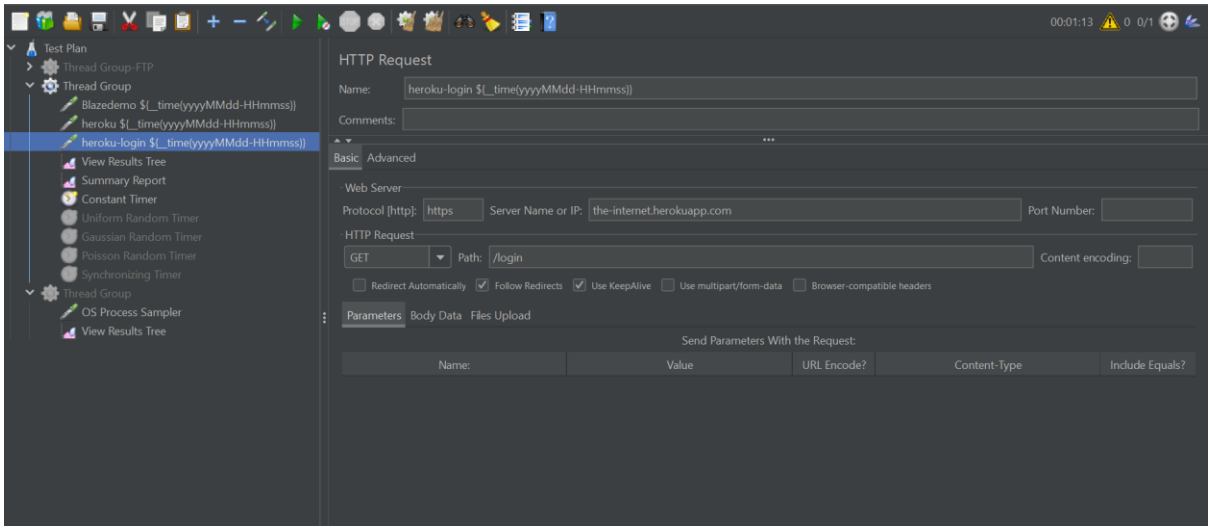
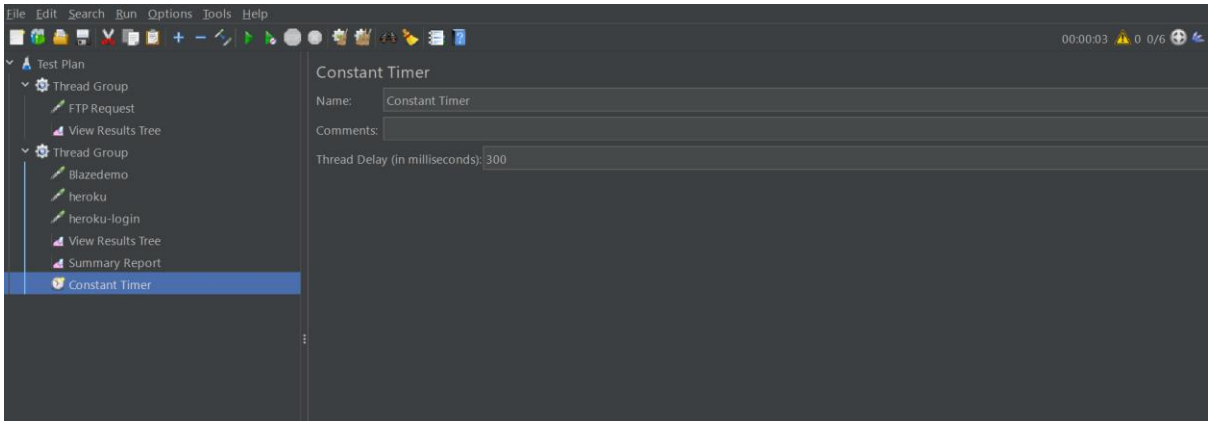
View Results Tree
Summary Report
Constant Timer
Uniform Random Timer
Gaussian Random Timer
Poisson Random Timer
Synchronizing Timer
Thread Group
OS Process Sampler
View Results Tree
HTTP Request
Name: heroku ${__time(yyyyMMdd-HHmmss)}
Comments:
Basic Advanced
Web Server
Protocol [http]: https
Server Name or IP: the-internet.herokuapp.com
Port Number:
HTTP Request
GET
Path: /
Content encoding:
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
Search
ENG
IN
16:32
01-11-2023



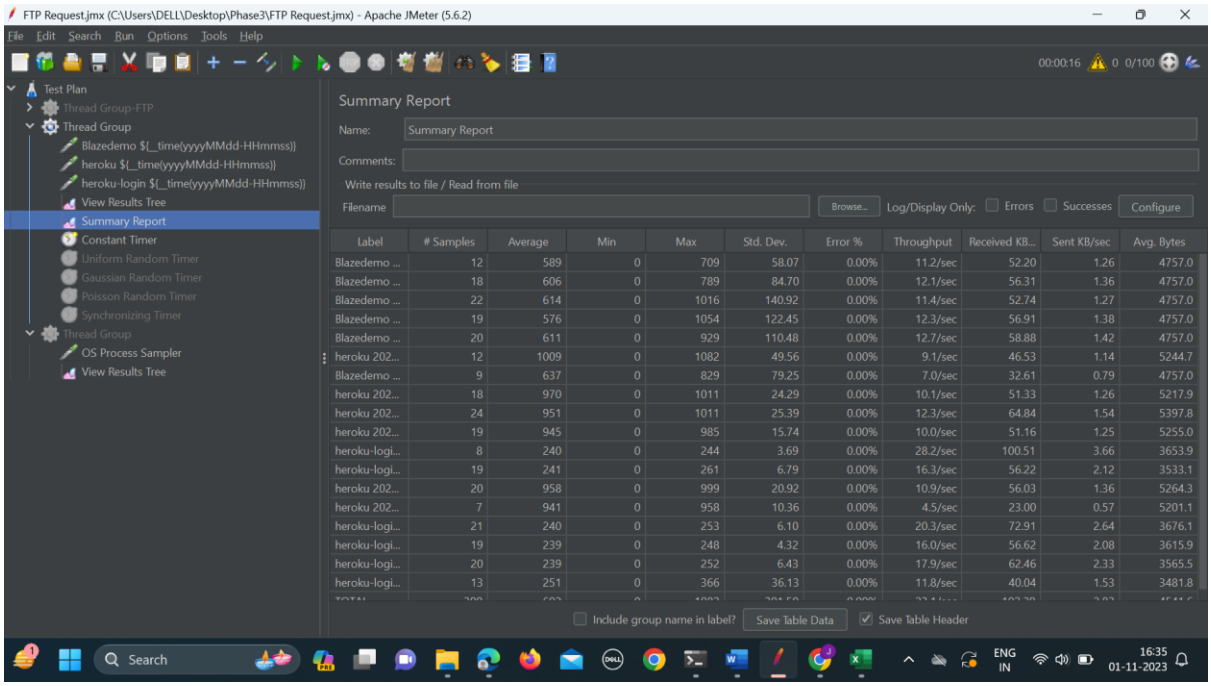
Then add view results tree and summary report

1. Constant Timer :

Add constant timer

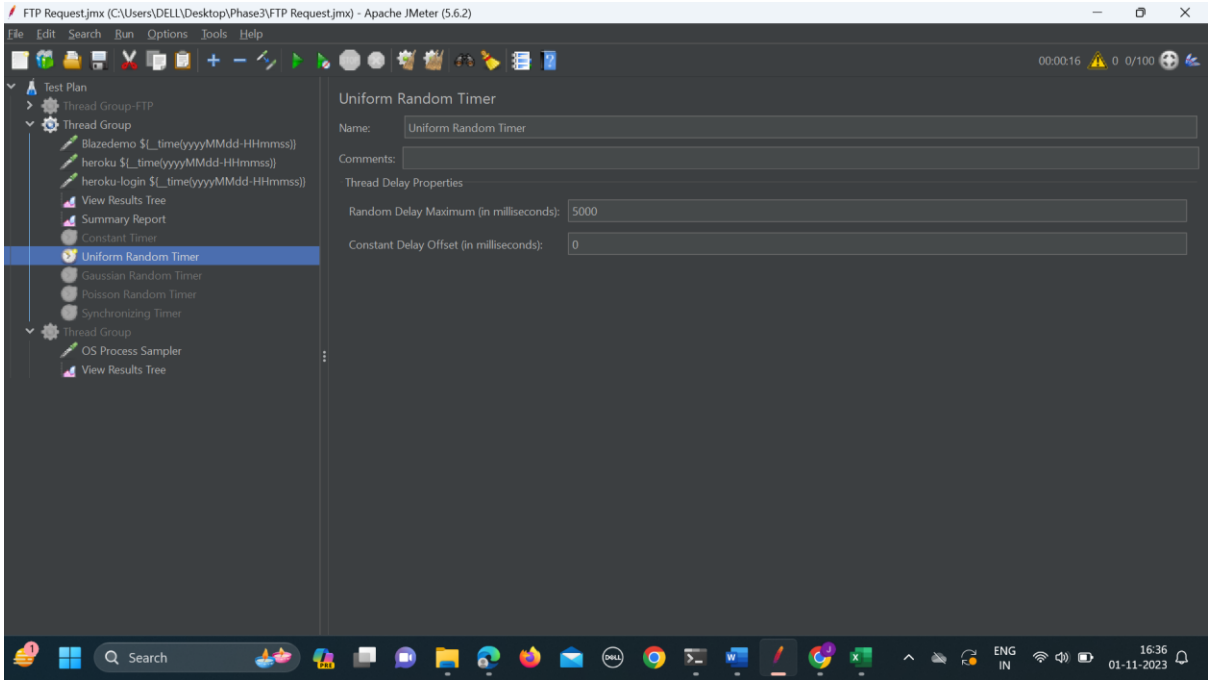


Click on run.

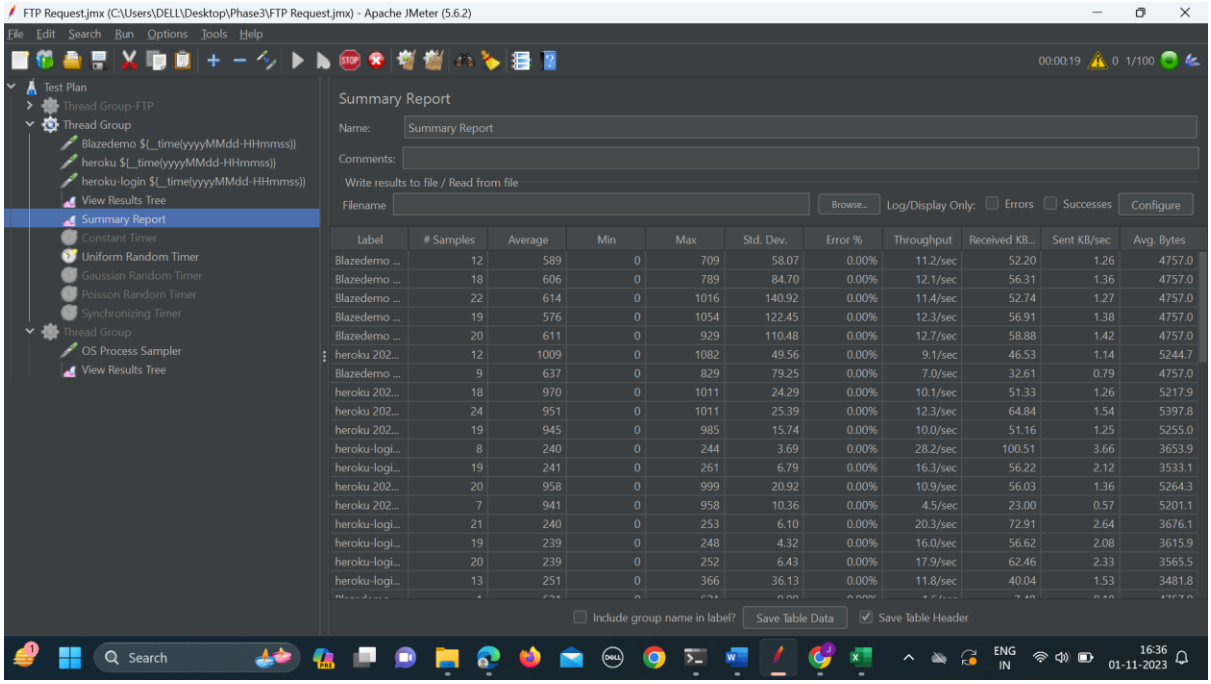


2. Uniform Random timer :

Add Uniform Random timer

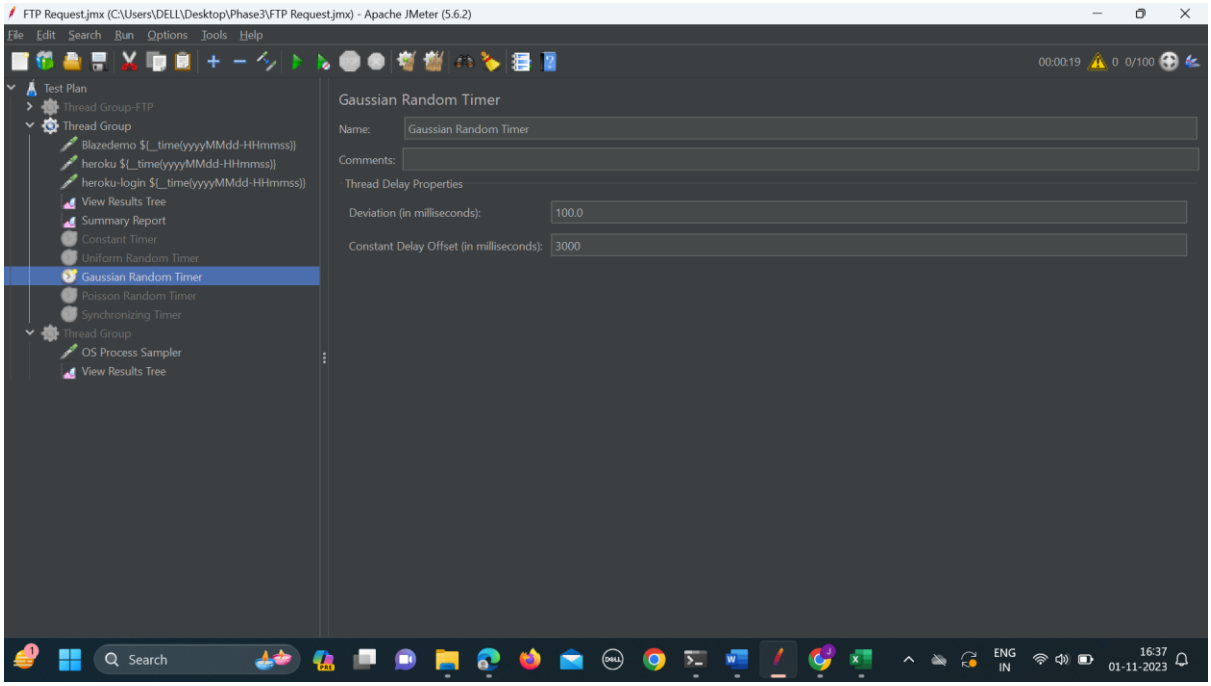


Click on run.

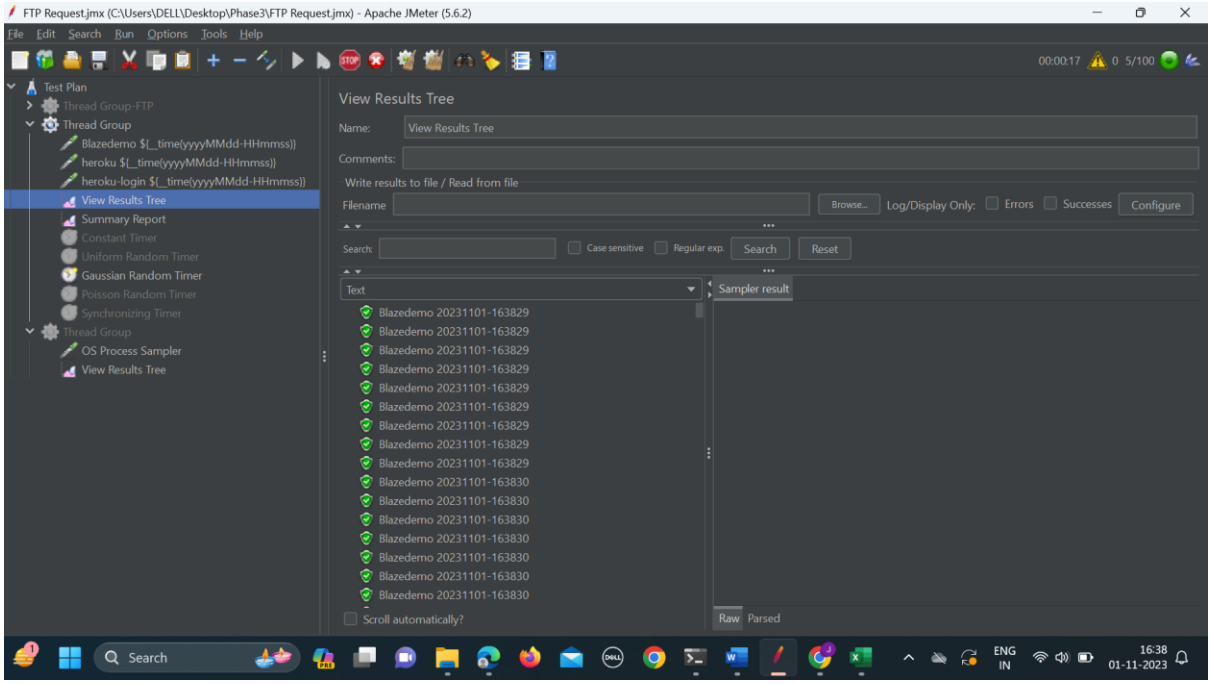


3. Gaussian Random Timer:

Add Gaussian Random Timer

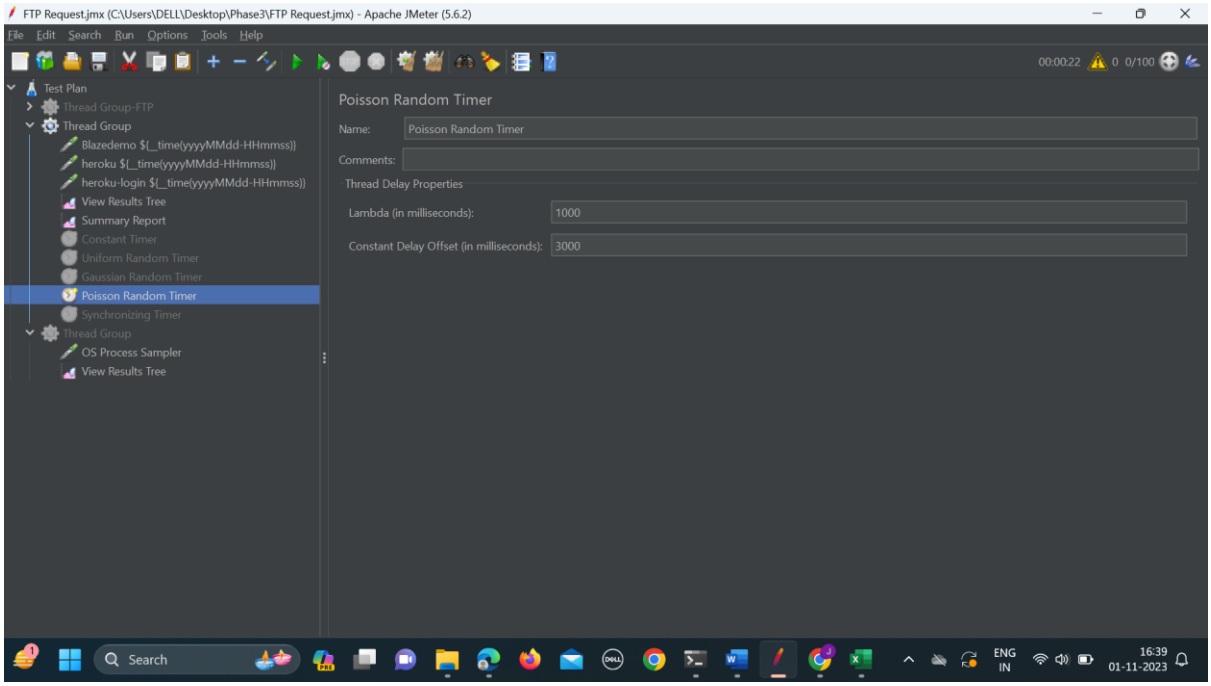


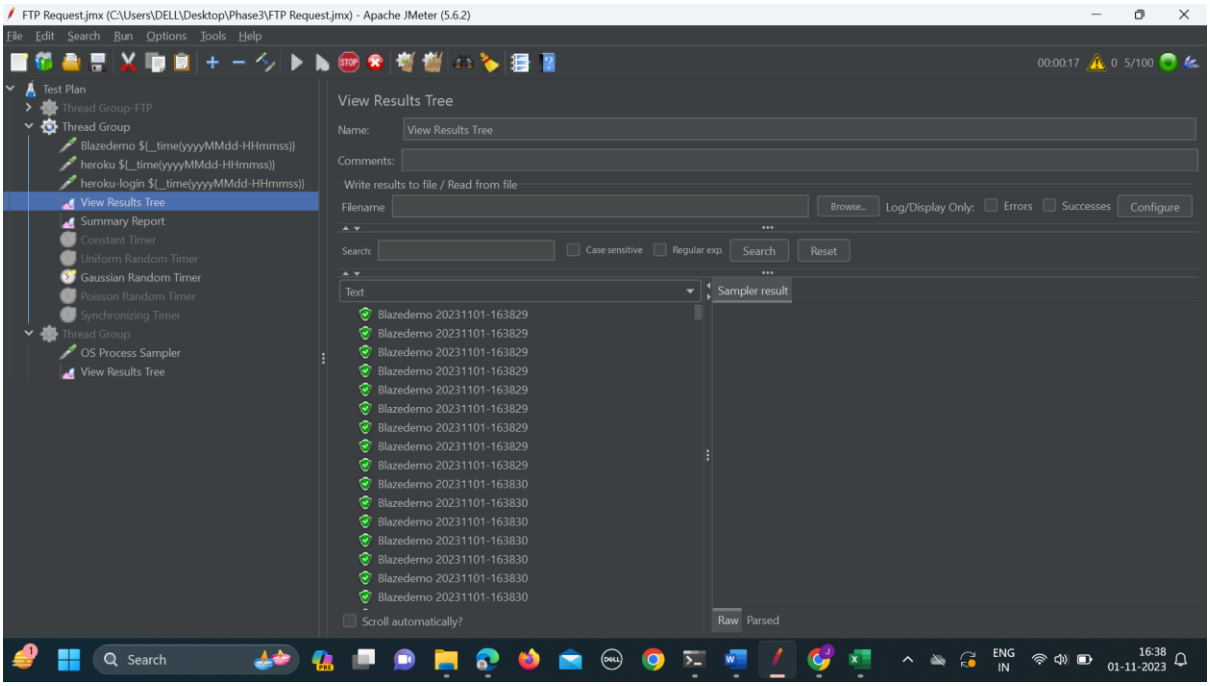
Click on run



4. Poisson Random Timer:

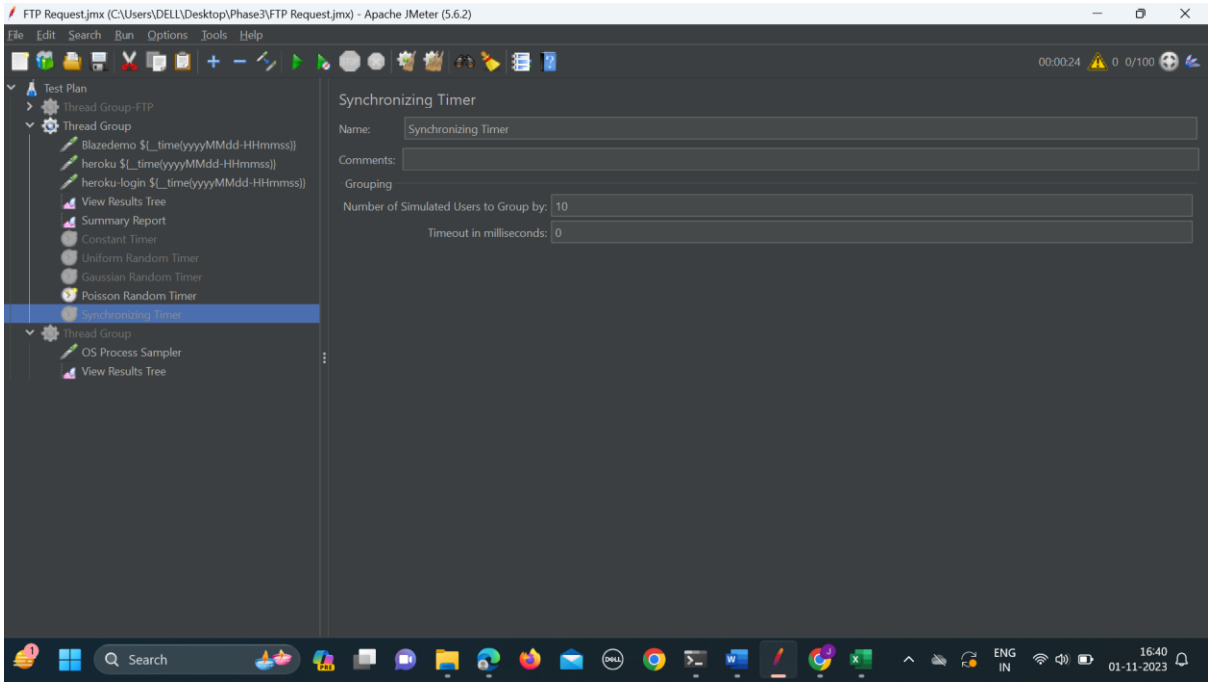
Add Poisson Random Timer



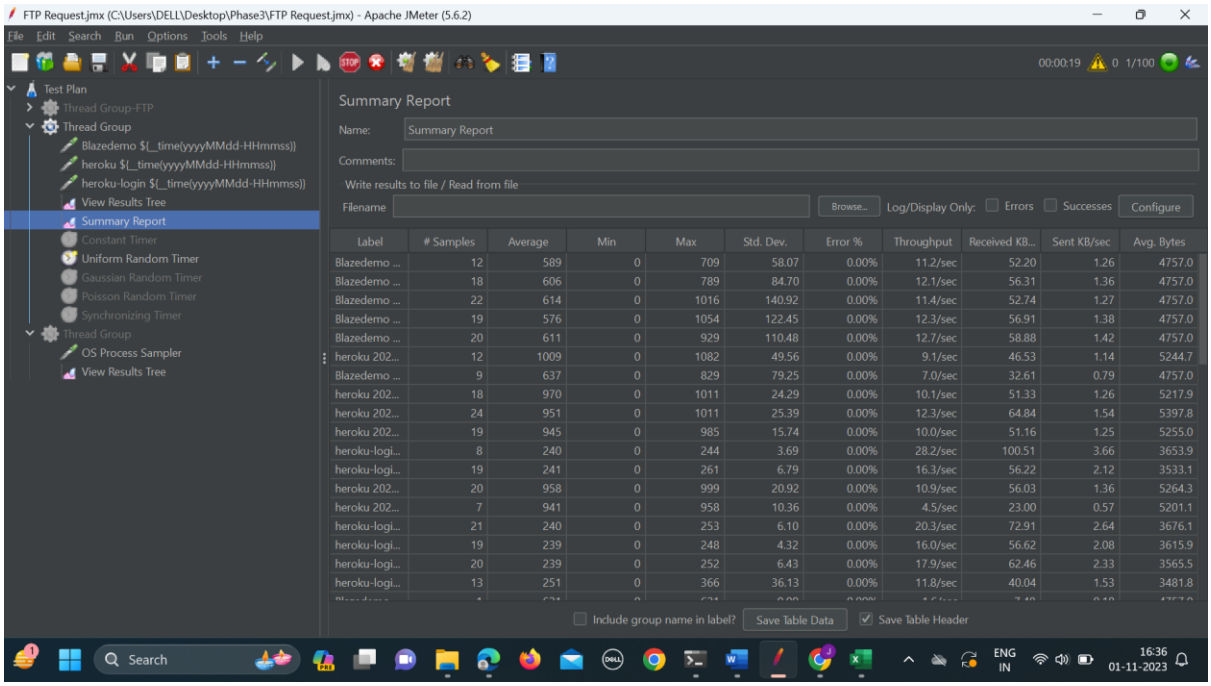


5. Synchronizing Timer:

Add Synchronizing Timer



Click on run.


FTP Request.jmx (C:\Users\DELL\Desktop\Phase3\FTP Request.jmx) - Apache JMeter (5.6.2)
File Edit Search Run Options Tools Help
00:00:19 0 1/100
Test Plan
Thread Group-FTP
Thread Group
Blazedemo ${__time(yyyyMMdd-HHmmss)}
heroku ${__time(yyyyMMdd-HHmmss)}
heroku-login ${__time(yyyyMMdd-HHmmss)}
View Results Tree
Summary Report
Constant Timer
Uniform Random Timer
Gaussian Random Timer
Poisson Random Timer
Synchronizing Timer
Thread Group
OS Process Sampler
View Results Tree
Summary Report
Name: Summary Report
Comments:
Write results to file / Read from file
Filename
Browse...
Log/Display Only: Errors Successes
Configure
Label # Samples Average Min Max Std. Dev. Error % Throughput Received KB... Sent KB/sec Avg. Bytes
Blazedemo ... 12 589 0 709 58.07 0.00% 11.2/sec 52.20 1.26 4757.0
Blazedemo ... 18 606 0 789 84.70 0.00% 12.1/sec 56.31 1.36 4757.0
Blazedemo ... 22 614 0 1016 140.92 0.00% 11.4/sec 52.74 1.27 4757.0
Blazedemo ... 19 576 0 1054 122.45 0.00% 12.3/sec 56.91 1.38 4757.0
Blazedemo ... 20 611 0 929 110.48 0.00% 12.7/sec 58.88 1.42 4757.0
heroku 202... 12 1009 0 1082 49.56 0.00% 9.1/sec 46.53 1.14 5244.7
Blazedemo ... 9 637 0 829 79.25 0.00% 7.0/sec 32.61 0.79 4757.0
heroku 202... 18 970 0 1011 24.29 0.00% 10.1/sec 51.33 1.26 5217.9
heroku 202... 24 951 0 1011 25.39 0.00% 12.3/sec 64.84 1.54 5397.8
heroku 202... 19 945 0 985 15.74 0.00% 10.0/sec 51.16 1.25 5255.0
heroku-logi... 8 240 0 244 3.69 0.00% 28.2/sec 100.51 3.66 3653.9
heroku-logi... 19 241 0 261 6.79 0.00% 16.3/sec 56.22 2.12 3533.1
heroku 202... 20 958 0 999 20.92 0.00% 10.9/sec 56.03 1.36 5264.3
heroku 202... 7 941 0 958 10.36 0.00% 4.5/sec 23.00 0.57 5201.1
heroku-logi... 21 240 0 253 6.10 0.00% 20.3/sec 72.91 2.64 3676.1
heroku-logi... 19 239 0 248 4.32 0.00% 16.0/sec 56.62 2.08 3615.9
heroku-logi... 20 239 0 252 6.43 0.00% 17.9/sec 62.46 2.33 3565.5
heroku-logi... 13 251 0 366 36.13 0.00% 11.8/sec 40.04 1.53 3481.8
Include group name in label? Save Table Data Save Table Header
Search
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16:36 01-11-2023