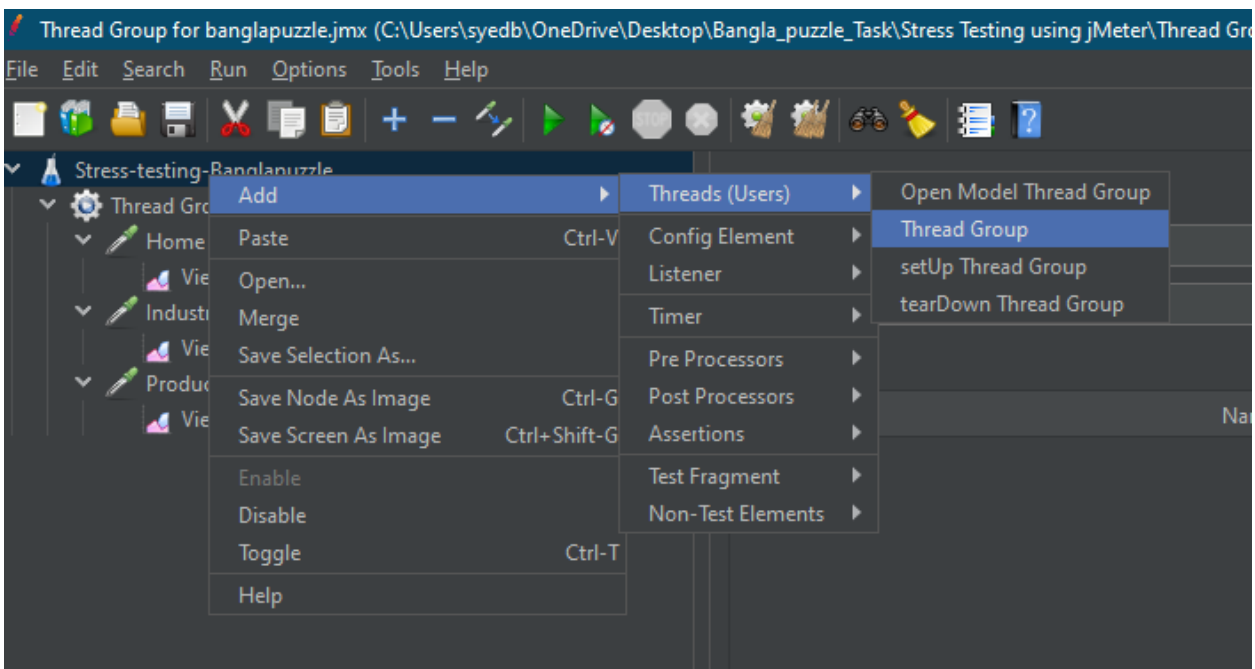


Stress testing steps and report

We have done the stress testing using the JMeter application. It needs java environment to run. Here are the steps to do the stress testing.

1. Firstly we need to create a test plan named “stress-testing banglapuzzle”
2. After this we have added a thread group for banglapuzzle.



3. After creating the thread group, we need to insert the thread properties like number of threads (it represents how many users), ramp up period and loop count (it represents how many times the test will run).

Thread Group

Name:

Comments:

Action to be taken after a Sampler error

☒ Continue
 ☐ Start Next Thread Loop
 ☐ Stop Thread
 ☐ Stop Thread Group

Thread Properties

Number of Threads (users):

Ramp-up period (seconds):

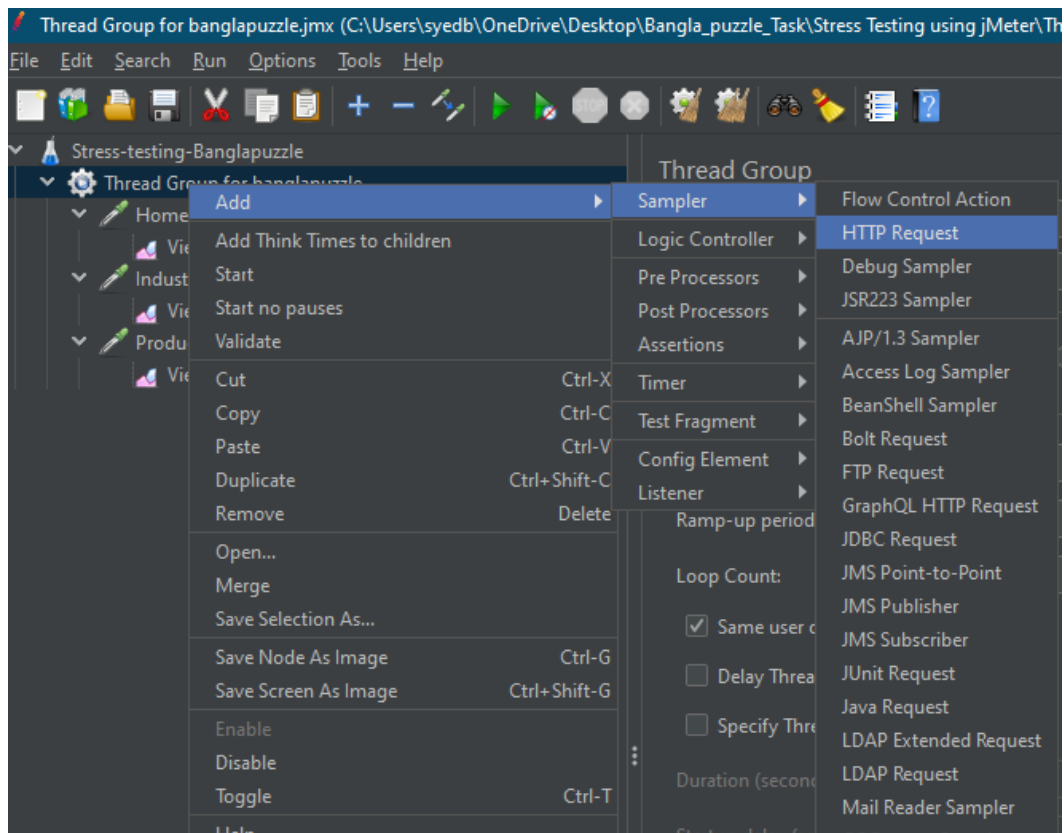
Loop Count: ☐ Infinite

☒ Same user on each iteration
☐ Delay Thread creation until needed
☐ Specify Thread lifetime

Duration (seconds):

Startup delay (seconds):

- After this we need to add http request sampler into it.



5. In http request, we need to insert the name of web server the path. For viewing result, we have to add a listener to it.

HTTP Request

Name:

Comments:

Basic Advanced

Web Server

Protocol [http]: Server Name or IP:

HTTP Request

GET

☐ 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
-------	-------	-------------	--------------

HTTP Request

Name:

Comments:

Basic Advanced

Web Server

Protocol [http]: Server Name or IP: Port Number:

HTTP Request

GET

☐ 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
-------	-------	-------------	--------------

HTTP Request

Name:

Comments:

Basic Advanced

Web Server

Protocol [http]: Server Name or IP: Port Number:

HTTP Request

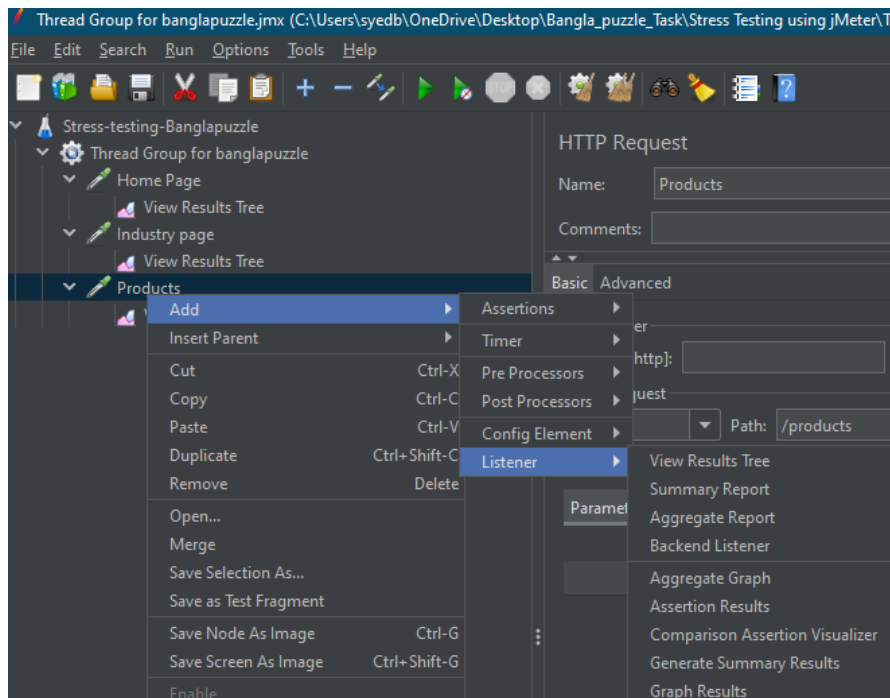
GET

☐ 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
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6. In view results window, we can see that all the links are working fine and the response code is 200 which means the website is working fine.

