17 Switch, Module, and Include Controller



This section will guide you to understand:

* How to add module, and include controller to JMeter

**Development Environment:**

* Apache JMeter 5.1.1 Version
* JDK Runtime Environment 8.1

This guide has four subsections, namely:

1.17.1 Demonstrating Switch controller

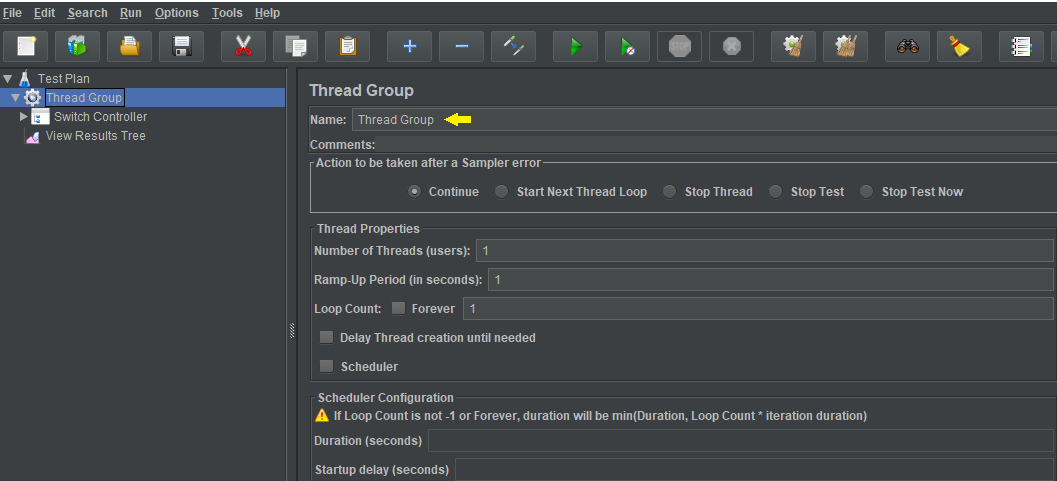
1.17.2 Demonstrating module controller

1.17.3 Demonstrating include controller

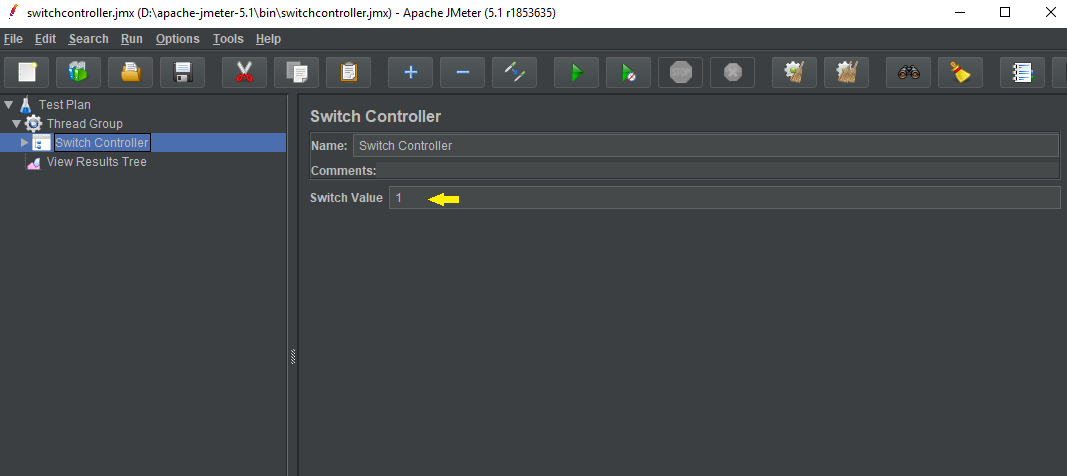
1.17.4 Pushing the code to GitHub repositories

**Steps 1.17.1:** Demonstrating Switch controller

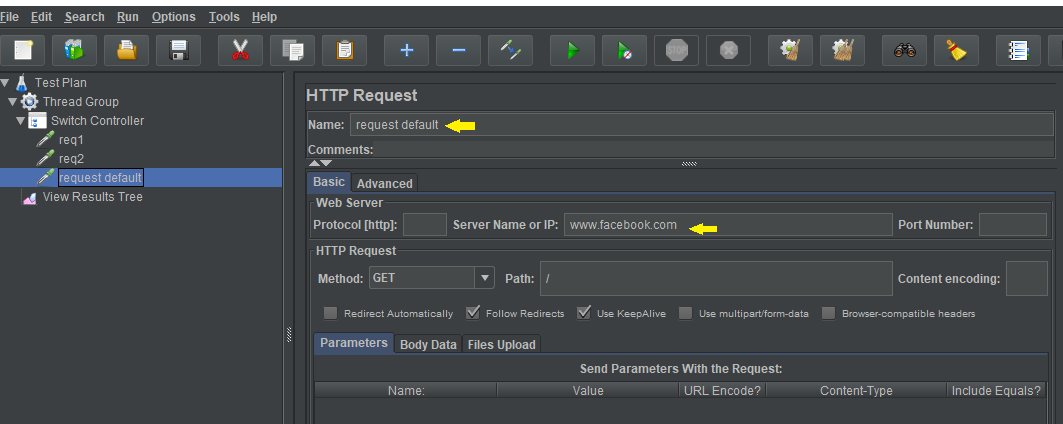
* Open JMeter.
* Right click on Test Plan-->Add-->Threads-->Thread Group.



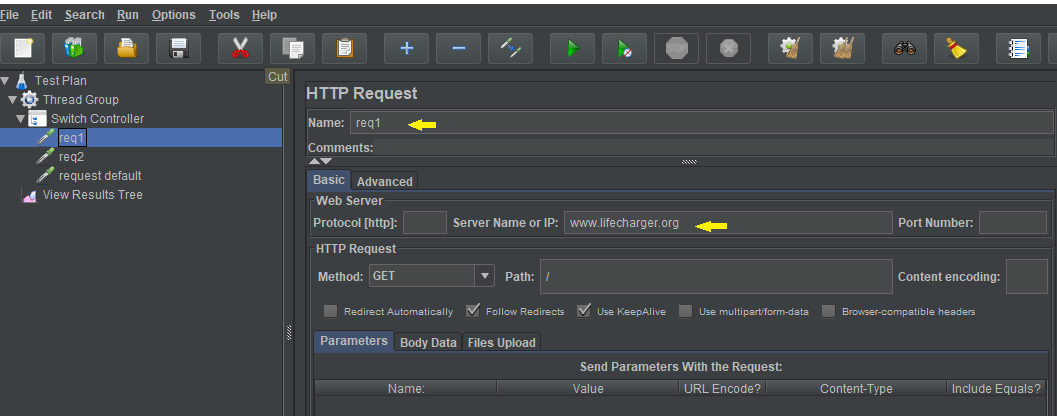
* Right click on Thread-->Add-->Logic Controllers -->Switch Controller.



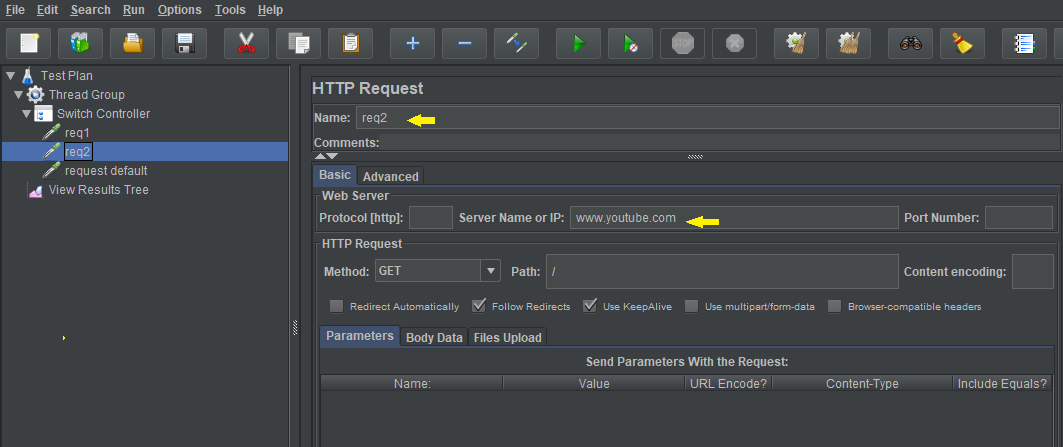
* Right click on Switch Controller-->Add -->Sampler-->HTTP Request Default.



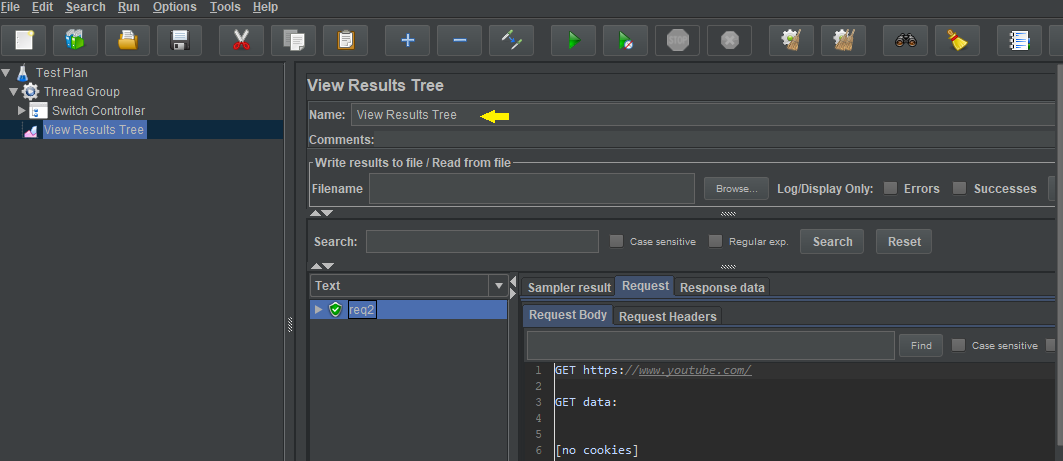
* Right click on Switch Controller-->Add -->Sampler-->HTTP Request\_1.



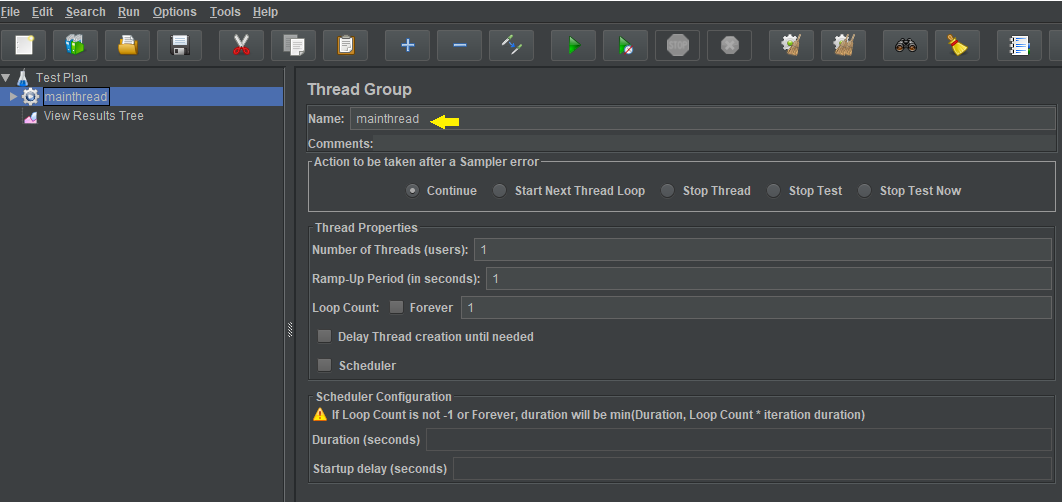
* Right click on Switch Controller-->Add -->Sampler-->HTTP Request \_2.

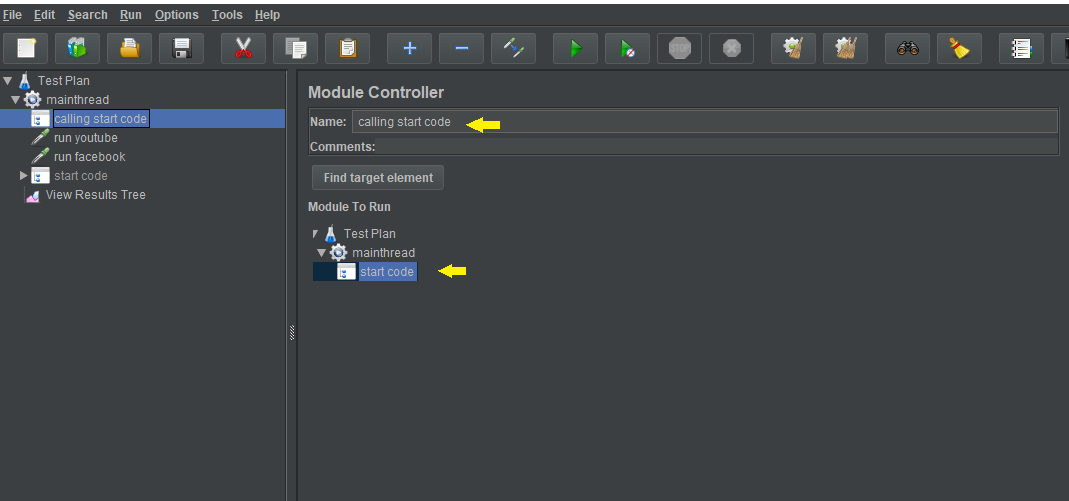


* Right click on Test Plan--> Add-->Listener-->View Result Tree.

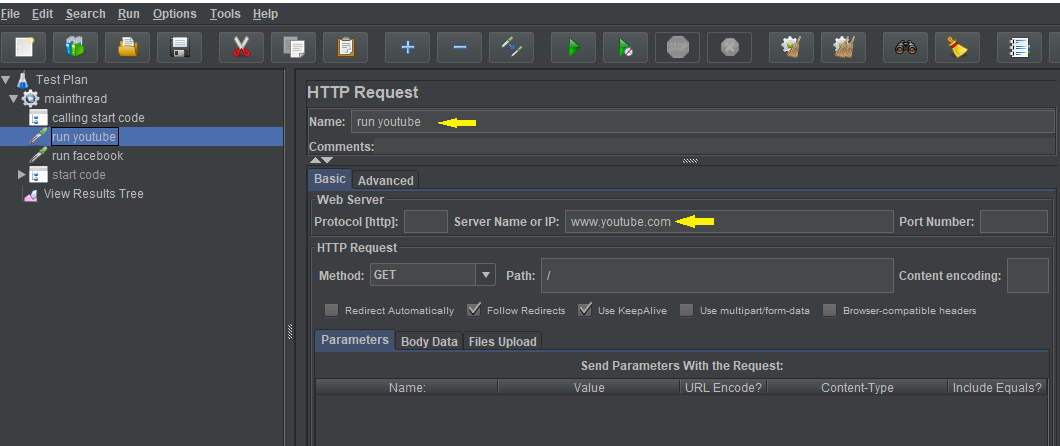


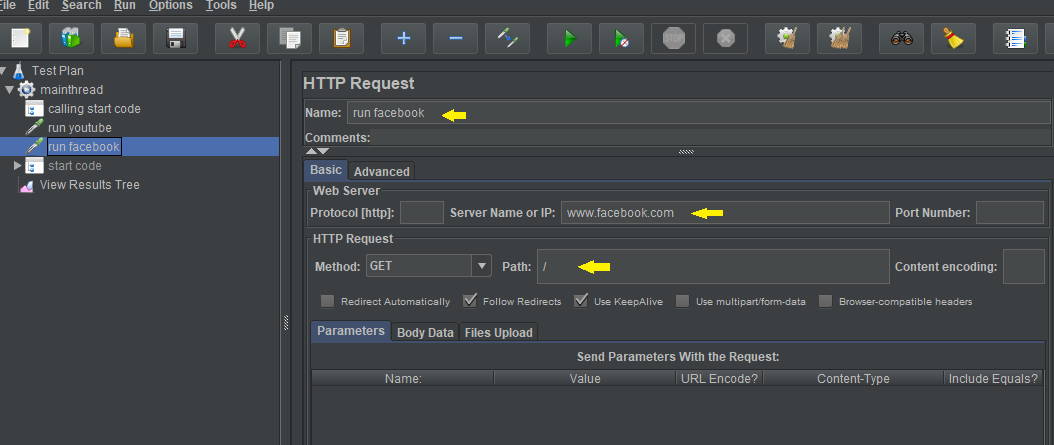
**Steps 1.17.2:**  Demonstrating the module controller

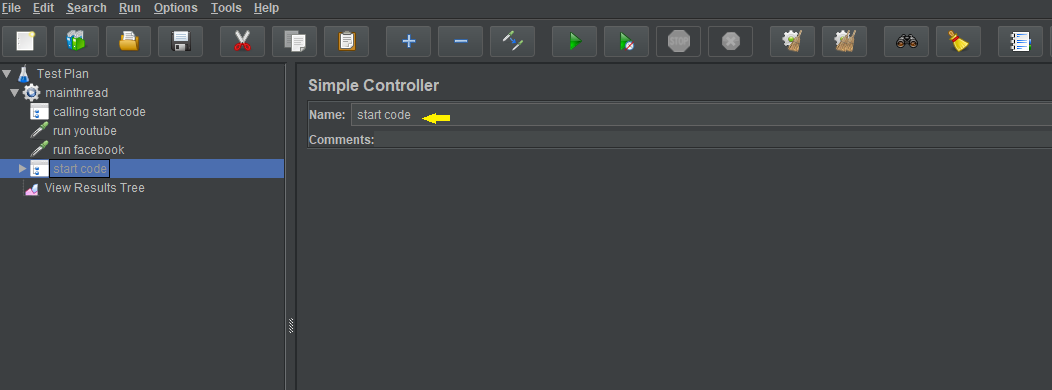
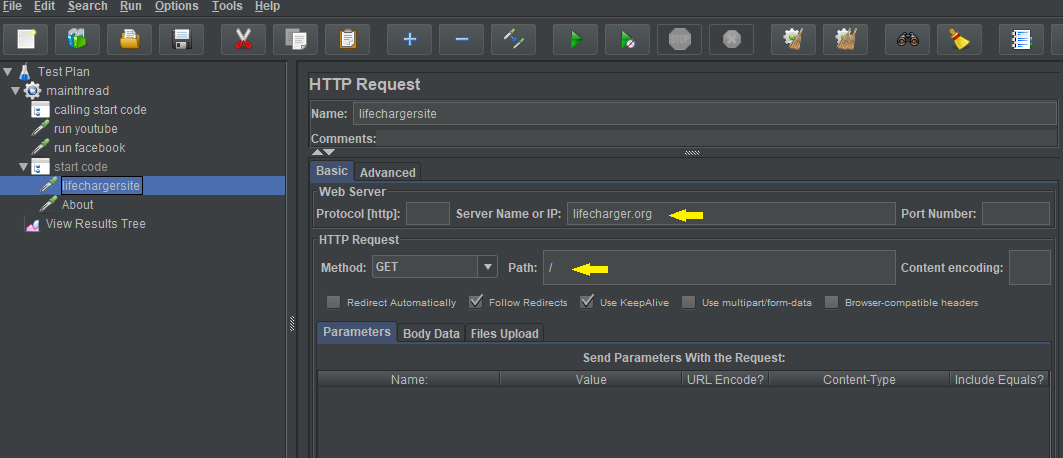
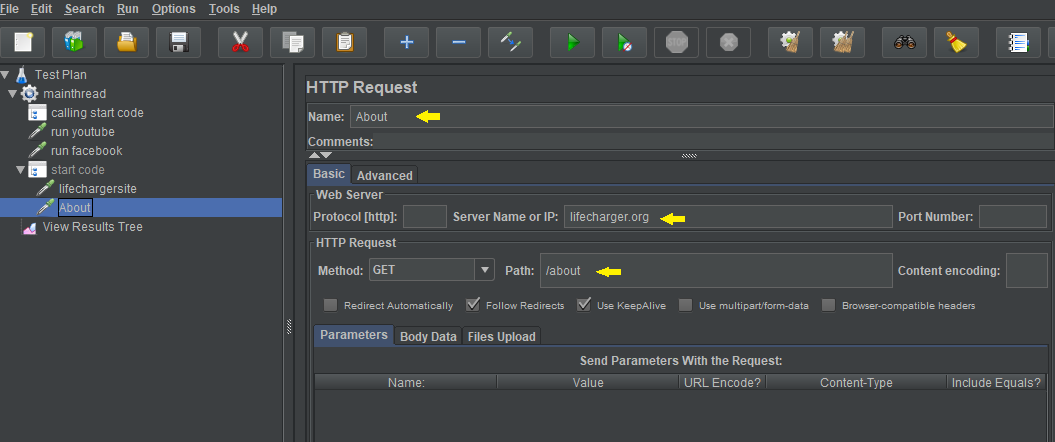
* Right click on Test Plan-->Add-->Threads-->Thread Group. 
* Right click on Thread Group-->Add -->Logic Controller-->Module Controller.

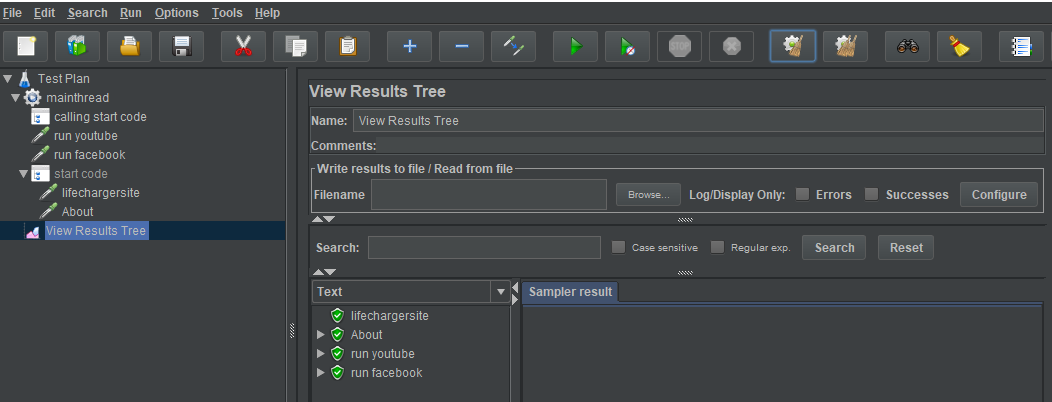


* Right click on Thread Group → Add → HTTP Request as shown below:



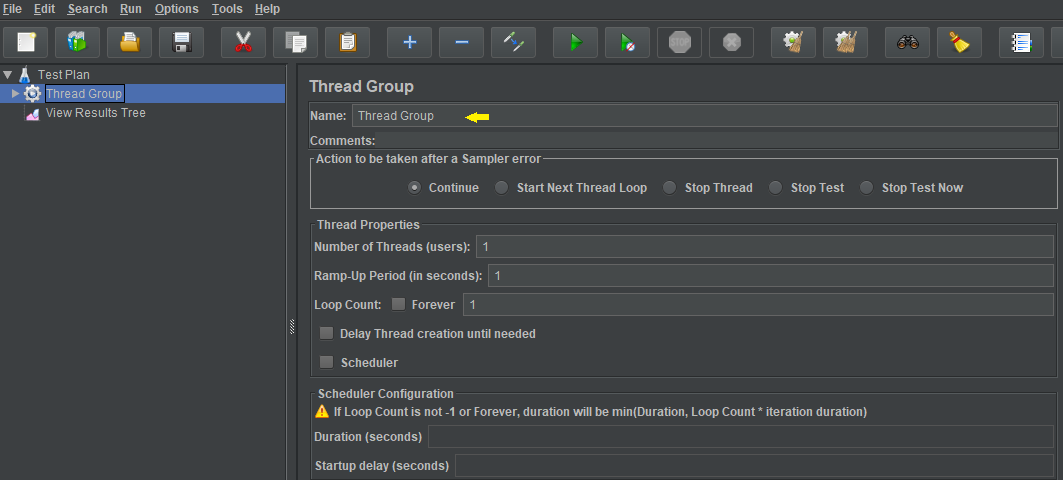


* Right click on Thread Group-->Add -->Logic Controller-->Simple Controller--> change name to **start code**. 
* Right click on start code -->Add-->Sampler-->Add two HTTP Requests.  
* Note: Now right click on start code and disable it. Click on the **Calling start code module controller.** Select **start code file** and run the **thread group**.
* Right click on Test Plan-->Add --> Listener-->View Result Tree-->Run.

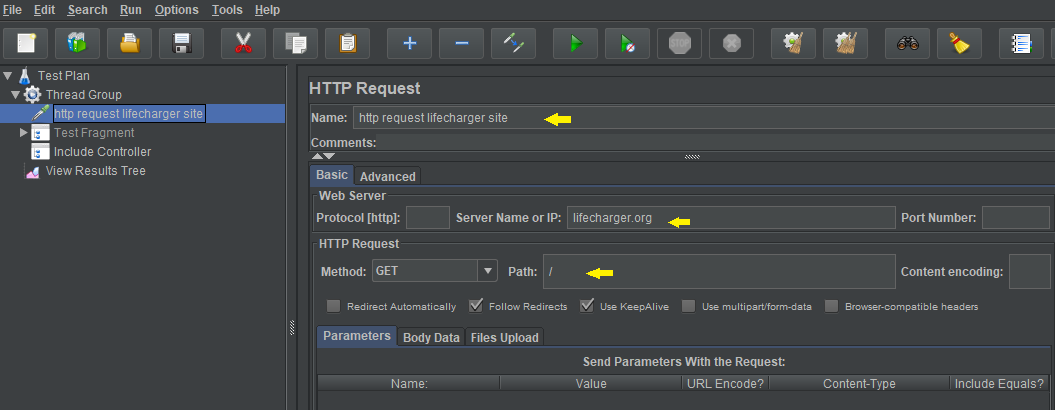


**Step 1.9.3:** Demonstrating include controller

* Right click on Test Plan-->Add-->Threads-->Thread Group.

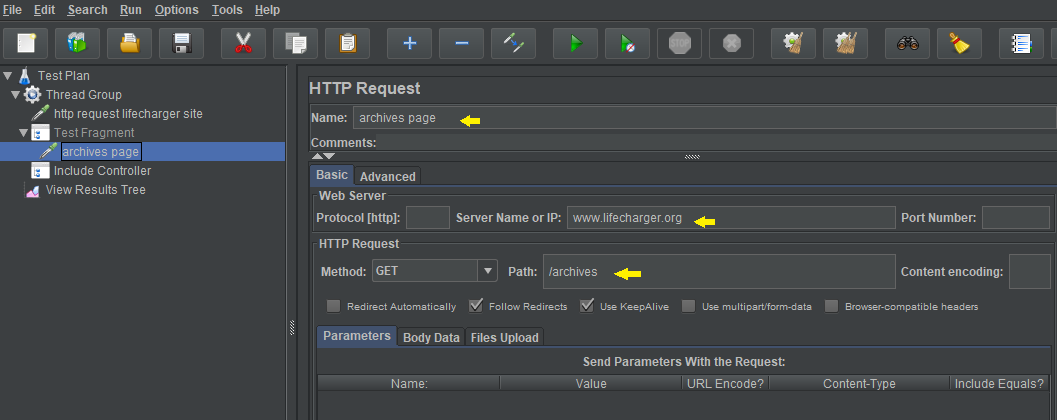


* Right click on Thread Group-->Add -->Sampler-->HTTP Request.

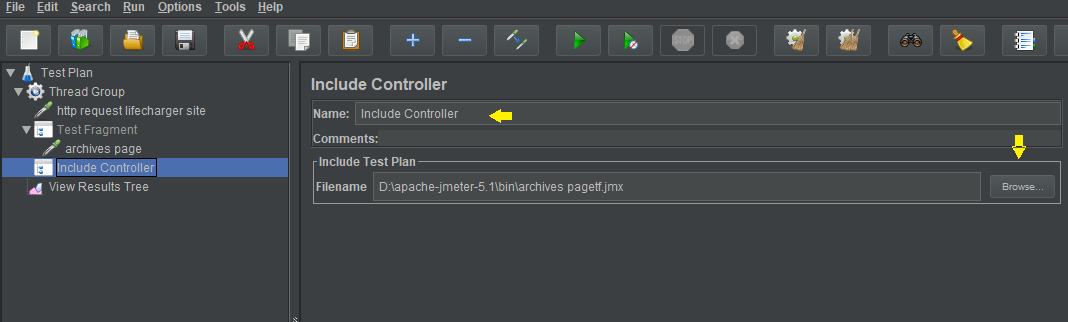


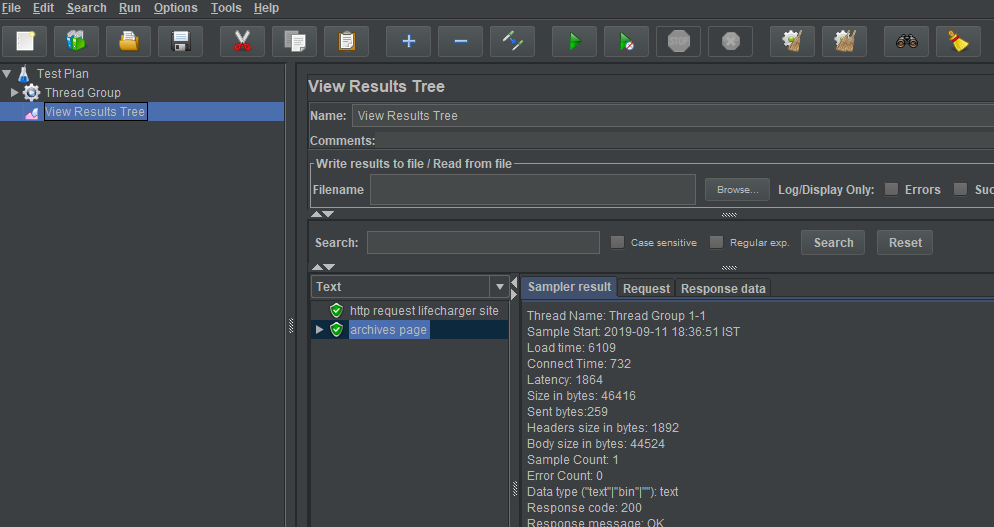
* Right click on Test Plan-->Add -->Test Fragment-->

-->Add-->HTTP Request under **Test Fragment**.



* Right click on Thread Group-->Add-->Logic Controller-->Include Controller-->load .jmx file in Include Controller.



* Right click on Test Plan-->Add --> Listener-->View Result Tree-->Run. 

**Step 1.17.4:** Pushing the code to GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add . 

Commit the changes using the following command:

git commit . -m “Changes have been committed.”

Push the files to the folder you initially created using the following command:

git push -u origin master