//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:
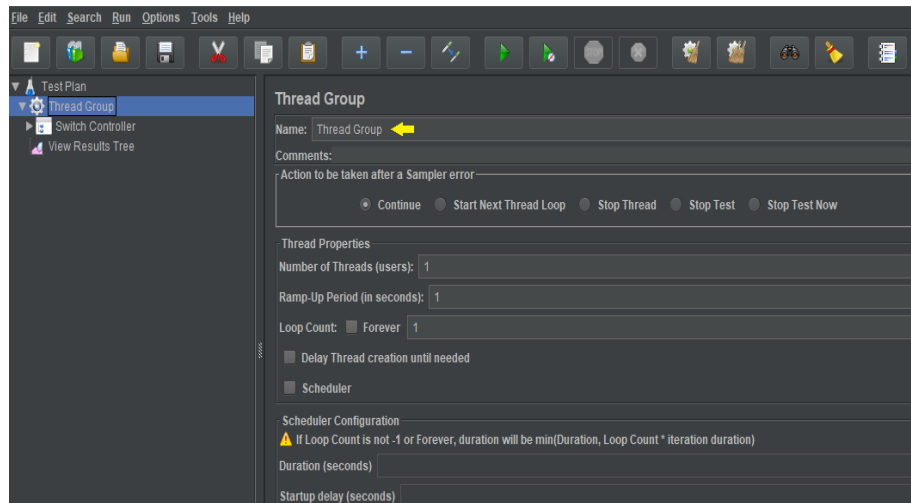
1.17.1 Demonstrating Switch controller

1.17.2 Demonstrating module controller

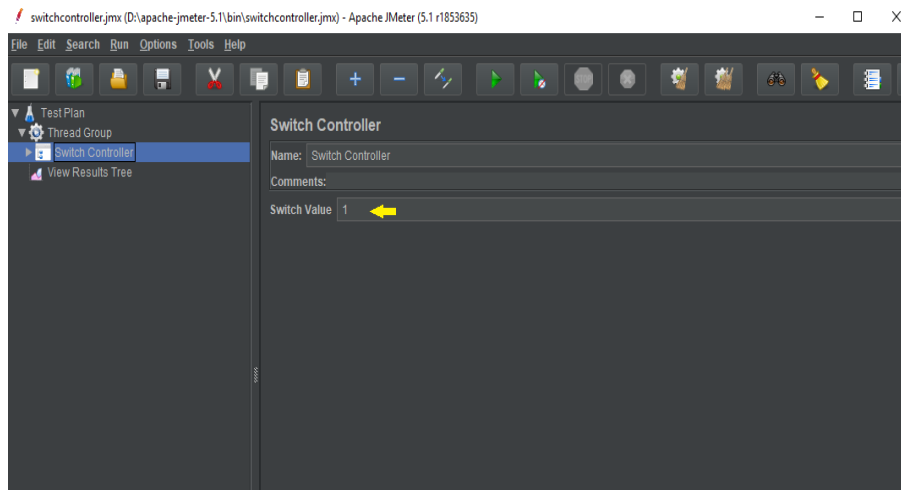1.17.3 Demonstrating include controller

1.17.4 Pushing the code to GitHub repositories

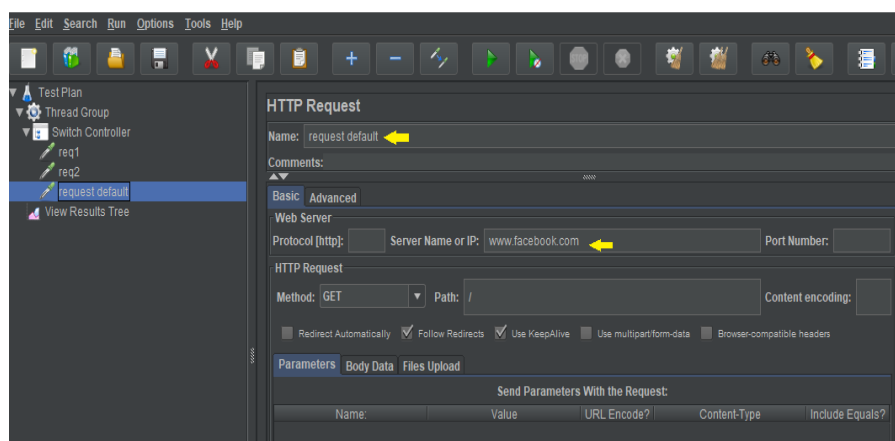**Steps 1.17.1:** Demonstrating Switch controller

- Open JMeter.
- Right click on Test Plan-->Add-->Threads-->Thread Group.
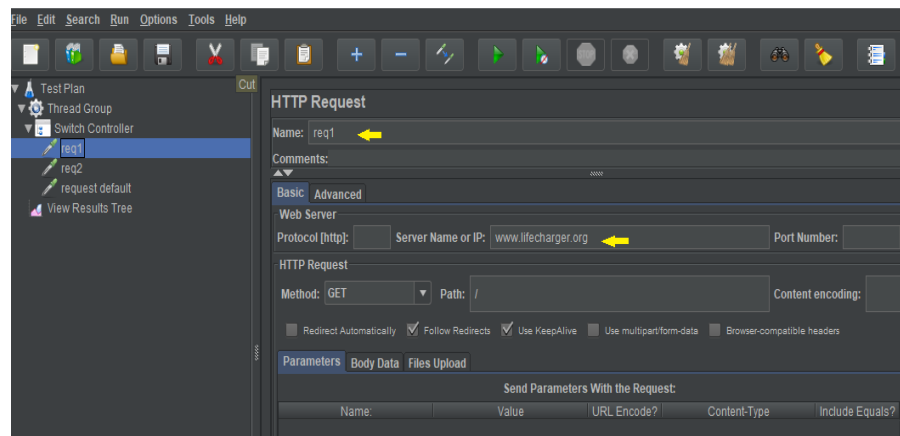
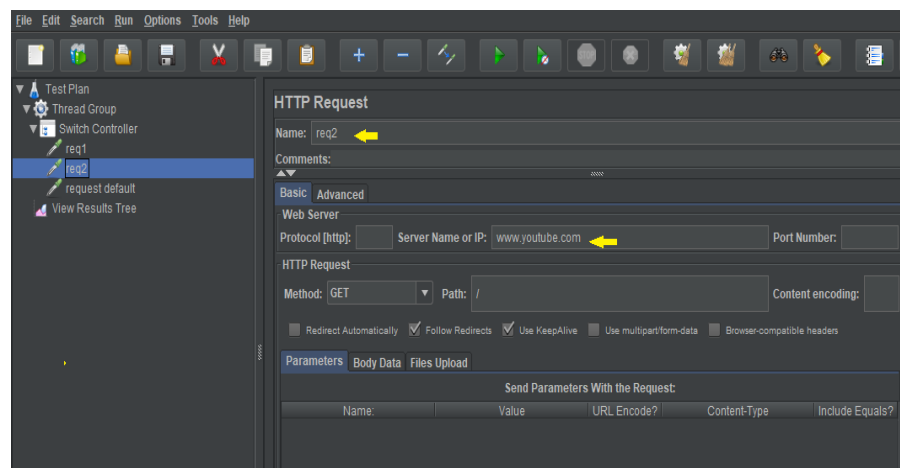- Right click on Thread-->Add-->Logic Controllers -->Switch Controller.

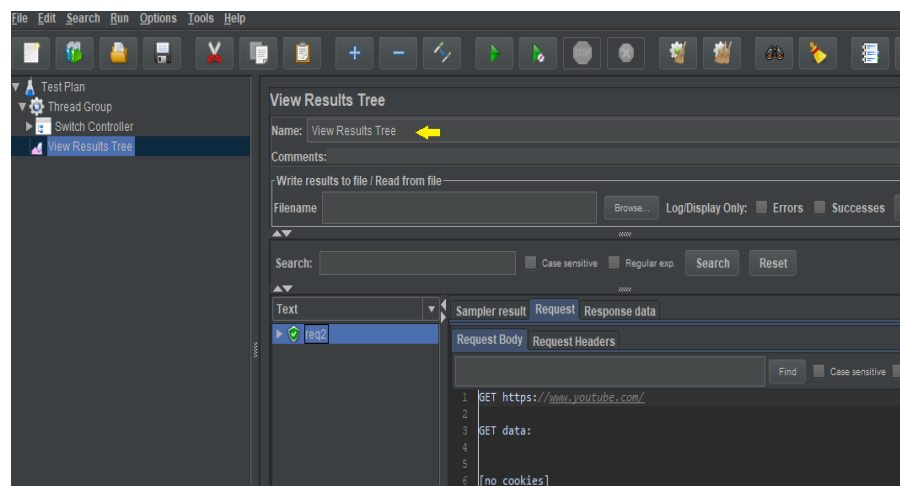- Right click on Switch Controller-->Add -->Sampler-->HTTP Request Default.

- Right click on Switch Controller-->Add -->Sampler-->HTTP Request_1.

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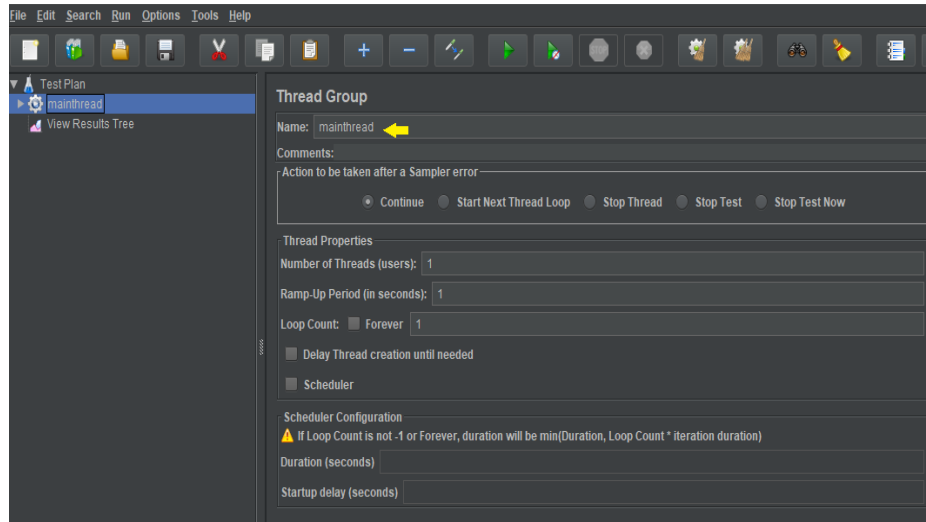

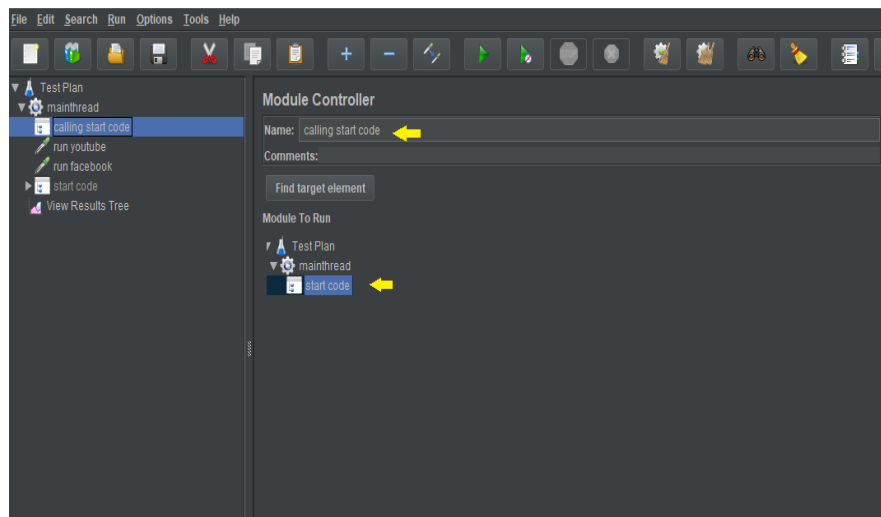- Right click on Test Plan--> Add-->Listener-->View Result Tree.

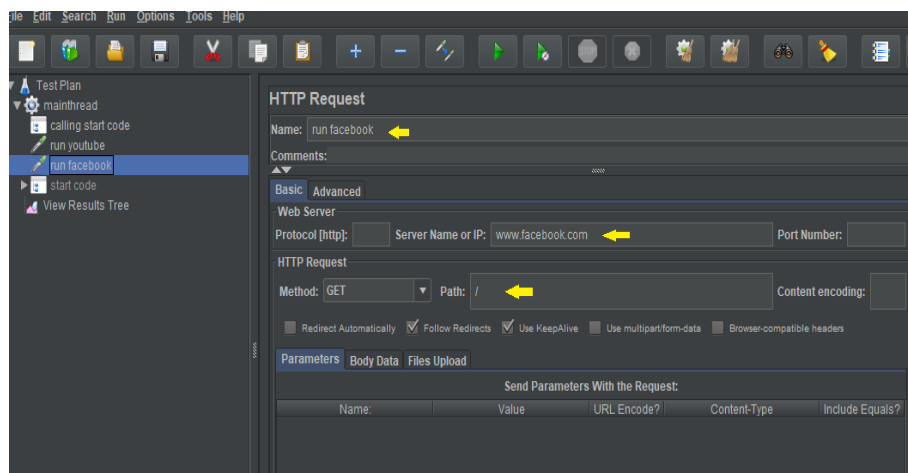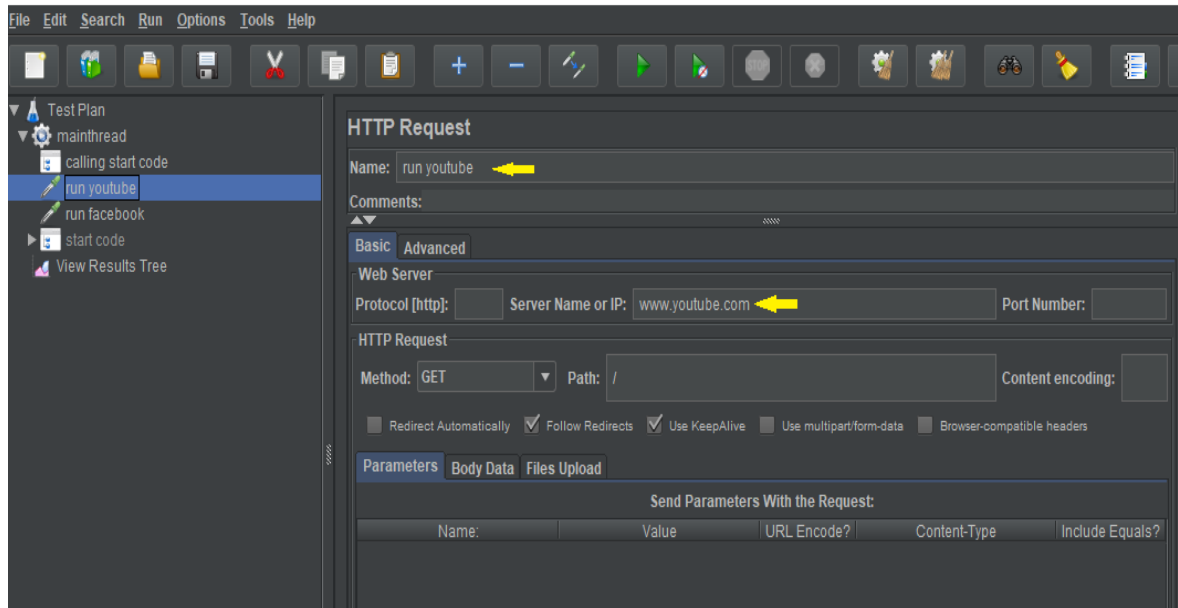**Steps 1.17.2:** Demonstrating the module controller

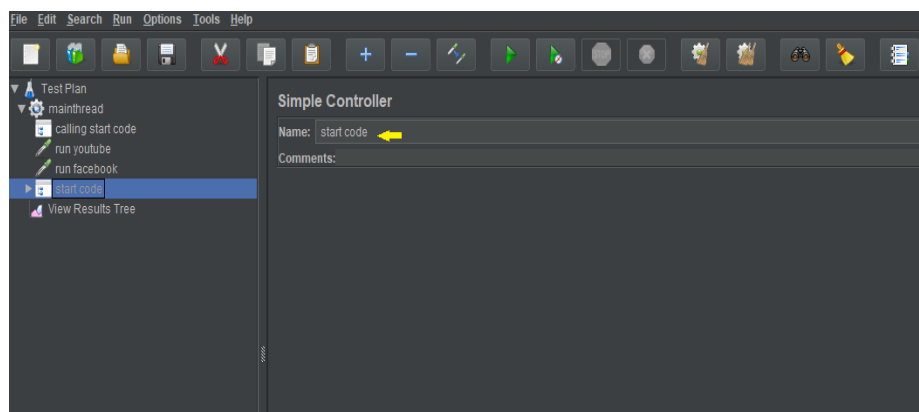- Right click on Test Plan-->Add-->Threads-->Thread Group.

- Right click on Thread Group-->Add -->Logic Controller-->Module Controller.
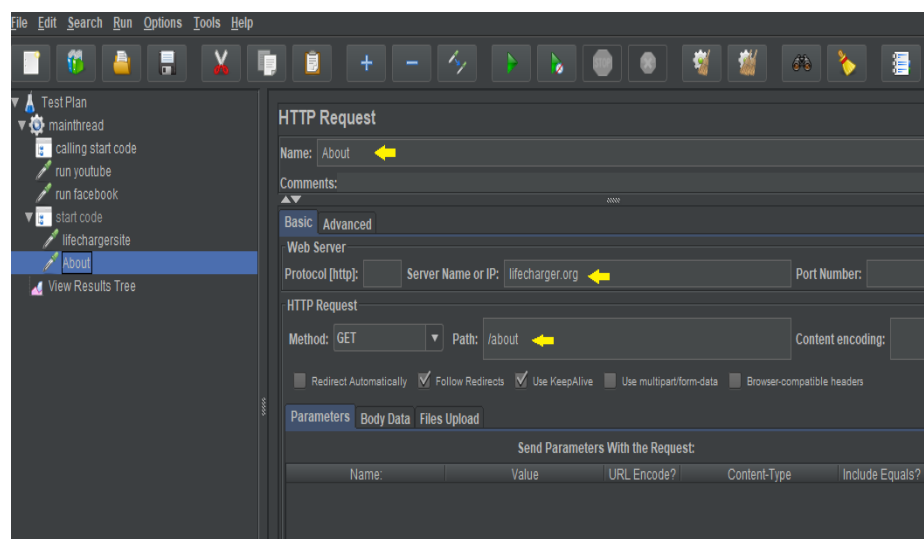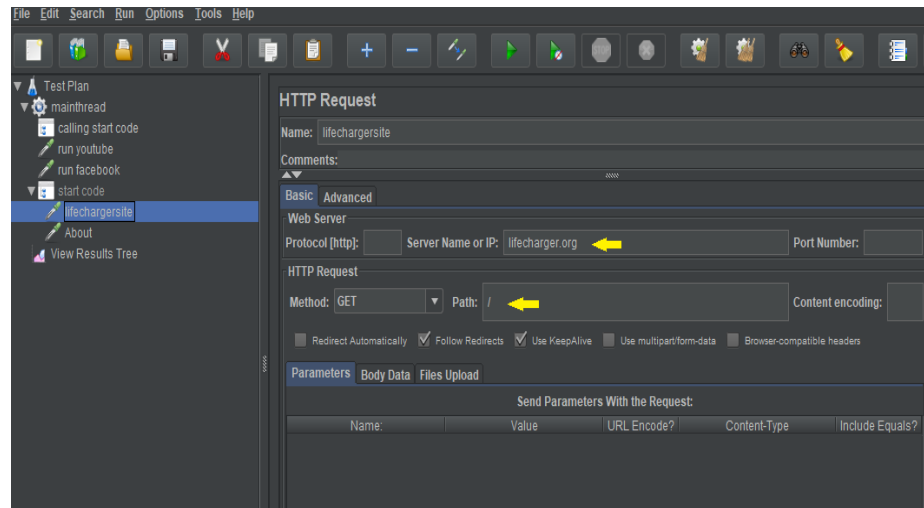

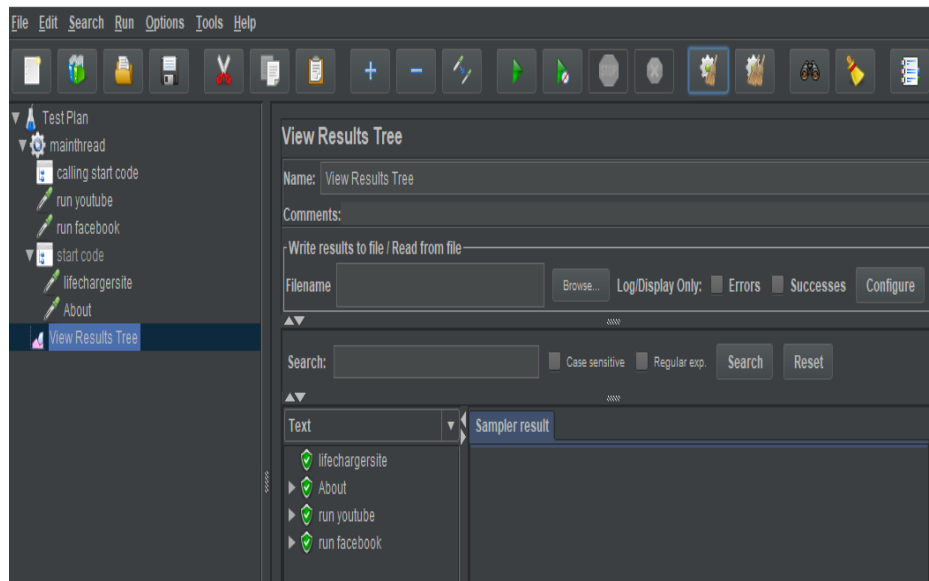- Right click on Thread Group → Add → HTTP Request as shown below:

- 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.
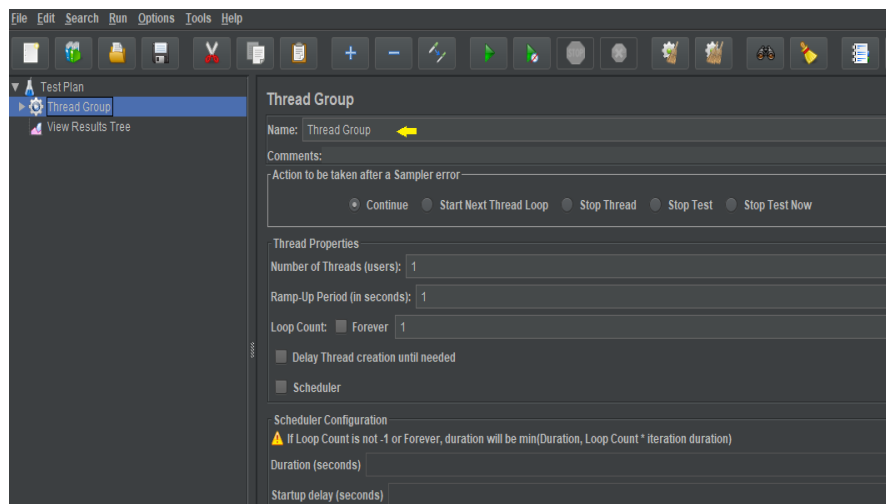

● Note: Now right click on start code and disable it. Click on the **Calling start code module controller.** Select **start code file** and run the **thread group**.

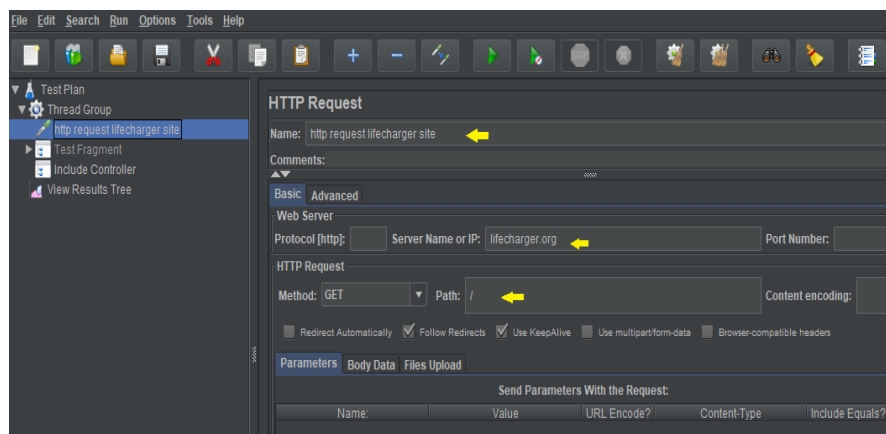● Right click on Test Plan-->Add --> Listener-->View Result Tree-->Run.

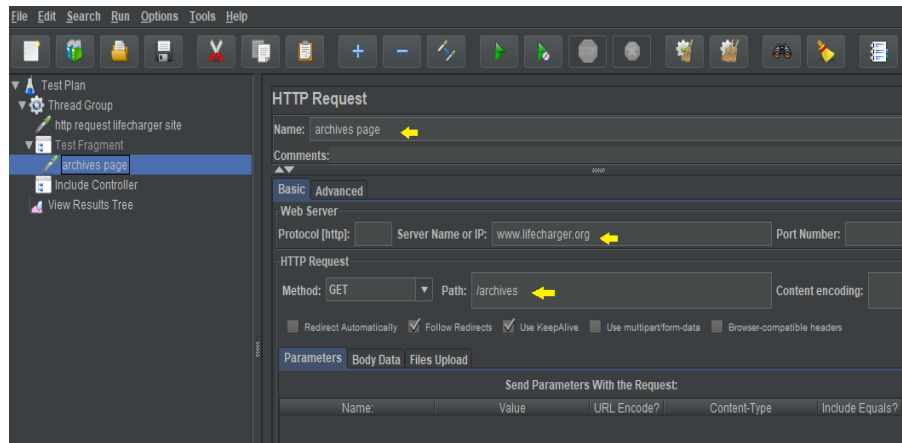**Step 1.9.3:** Demonstrating include controller

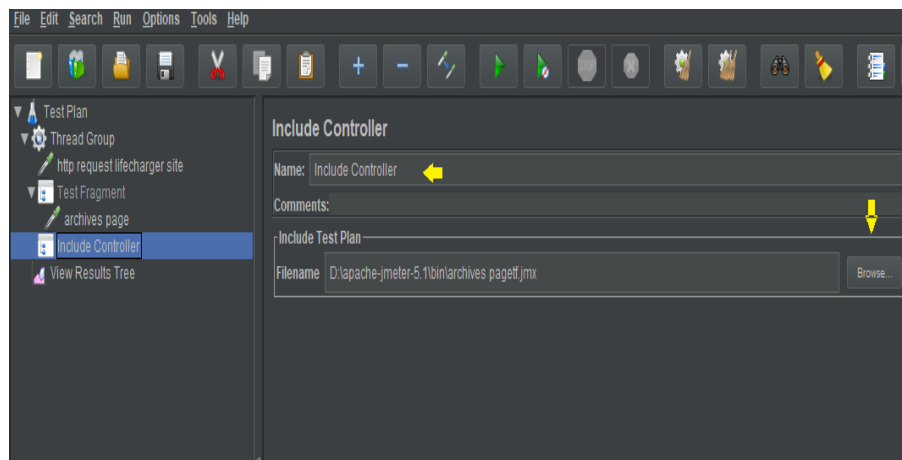- Right click on Test Plan-->Add-->Threads-->Thread Group.

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

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

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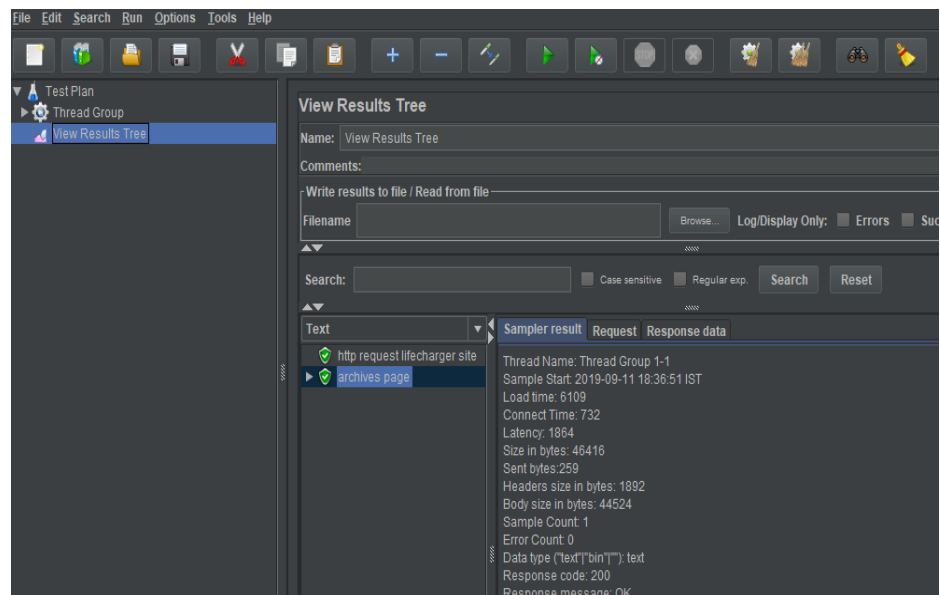

- Right click on Thread Group-->Add-->Logic Controller-->Include Controller-->load .jmx file in Include Controller.

- 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