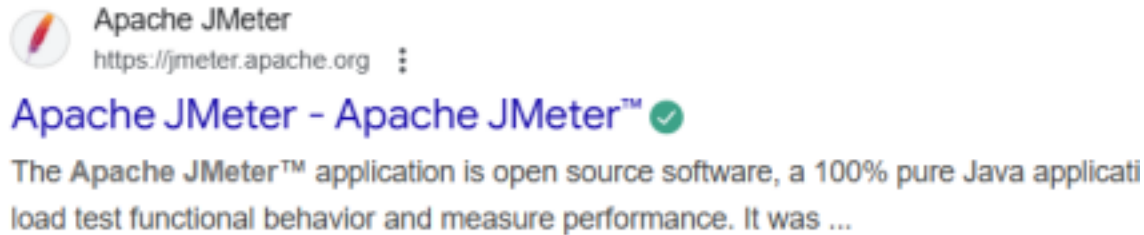


**Aim:perform load testing using j meter ,Android application testin using appium and Bugzilla bug tracking**

### **Step 1: Download Apache JMeter**

1. Open a web browser.
2. Go to the official **Apache JMeter** website.



3. Click on **Download Releases**.

- Download**
  - [Download Releases](#)
  - [Release Notes](#)

4. Download the **ZIP file** of Apache JMeter.

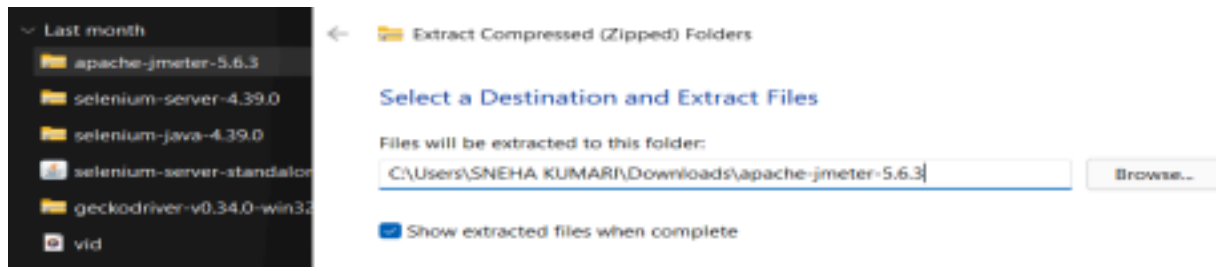
## **Apache JMeter 5.6.3 (Requires Java 8+)**

### **Binaries**

[apache-jmeter-5.6.3.tgz sha512 pgp](#)  
[apache-jmeter-5.6.3.zip sha512 pgp](#)

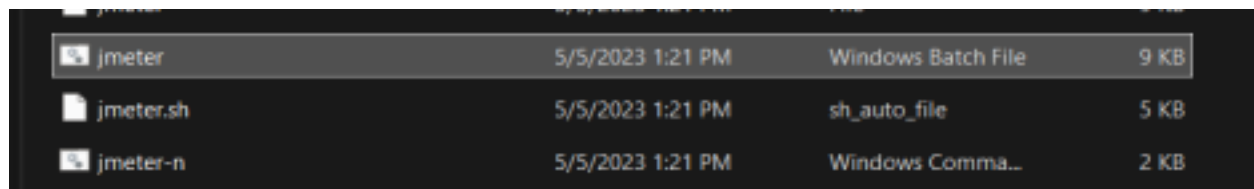
### **Step 2: Extract JMeter**

1. After downloading, open **File Explorer**.
2. Locate the downloaded JMeter ZIP file.
3. Right-click on the file and select **Extract Here** or **Extract to folder**.

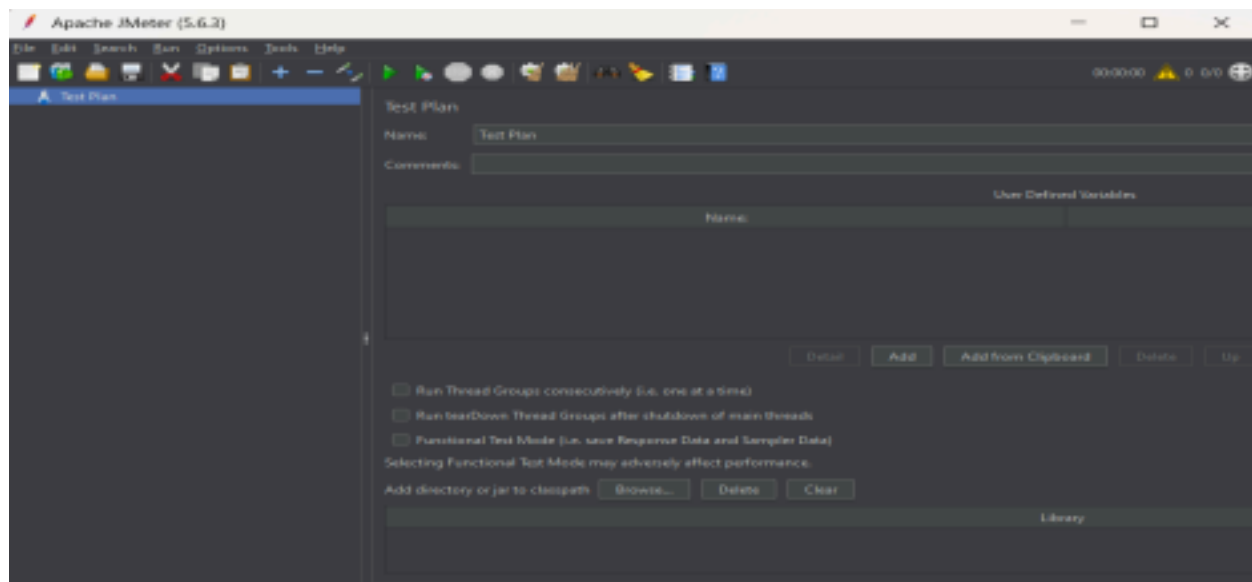


### Step 3: Launch Apache JMeter

1. Open the extracted JMeter folder.
2. Go to the **bin** directory.
3. Double-click on **jmeter** (Windows Batch File).



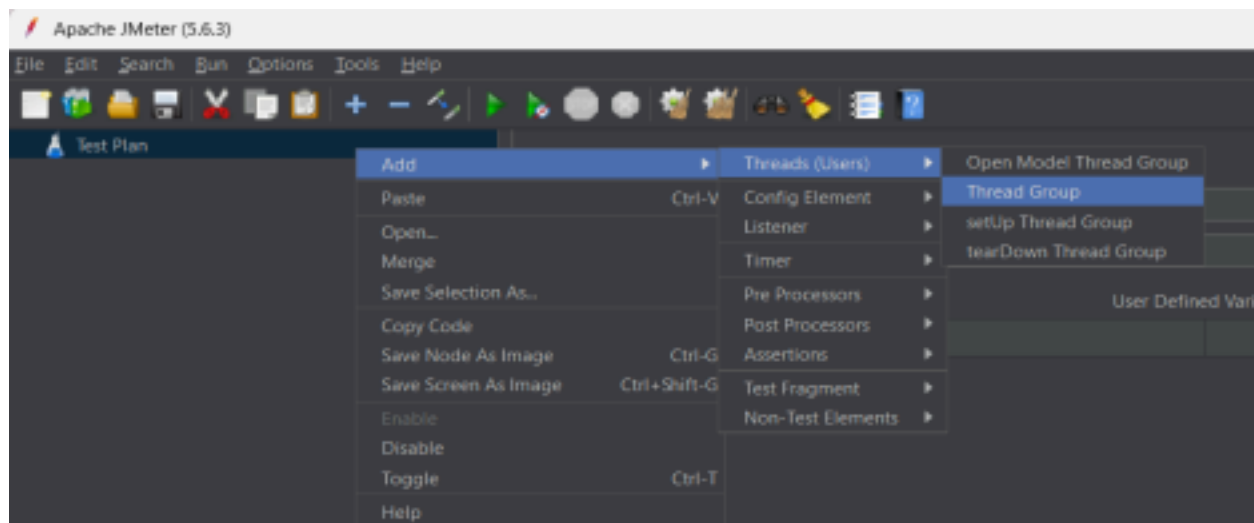
4. The **Apache JMeter GUI** will open.



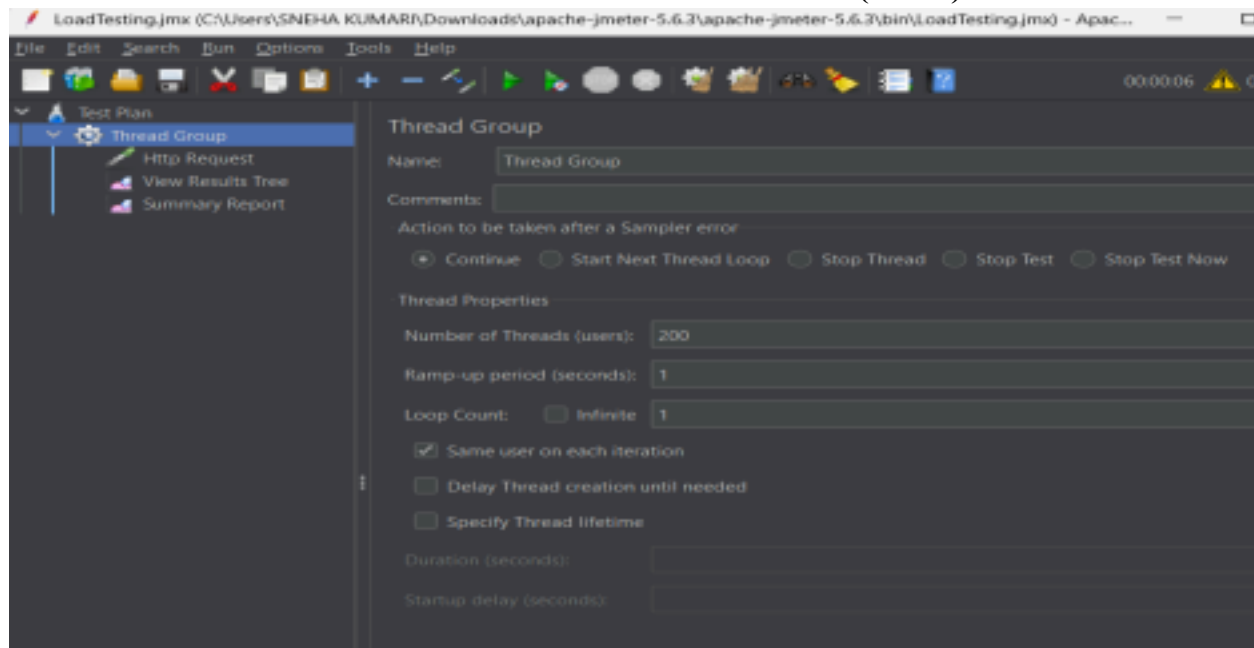
## Performing Load Testing

### Step 4: Create a Thread Group

1. Right-click on the **Test Plan**.
2. Click **Add** → **Threads (Users)** → **Thread Group**.



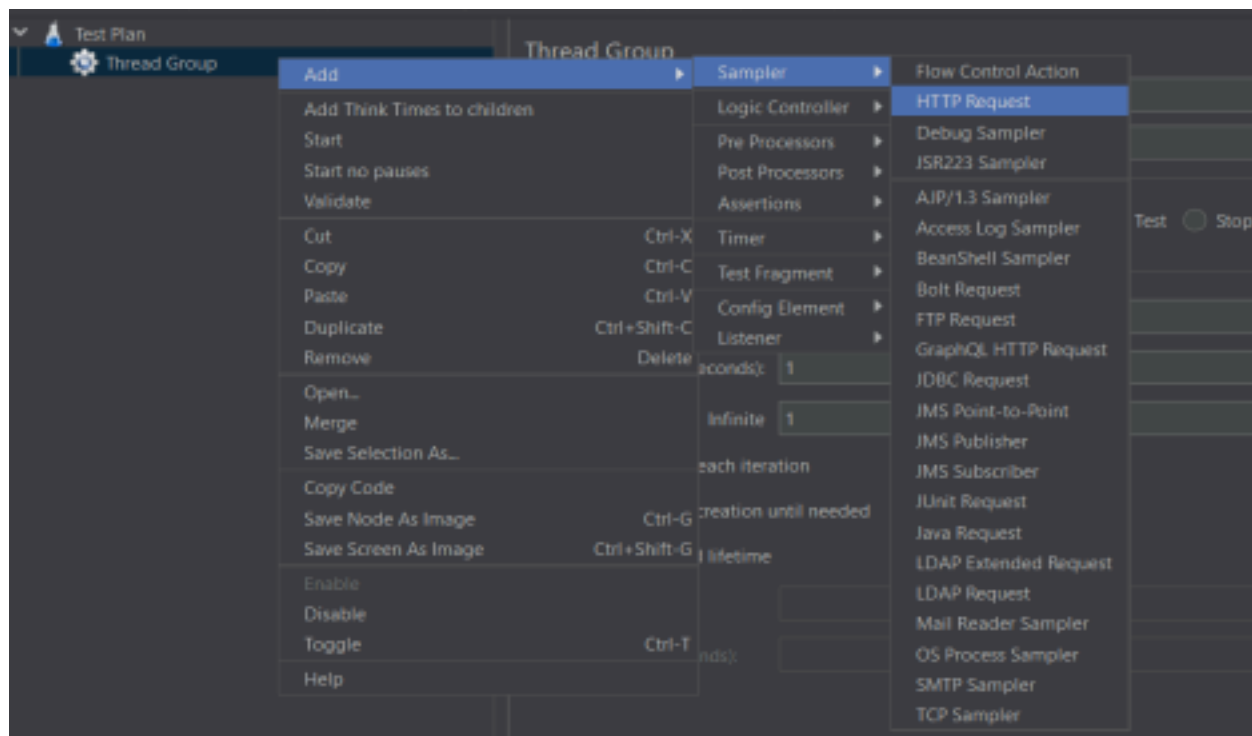
3. Set Number of Threads (Users) to 200.



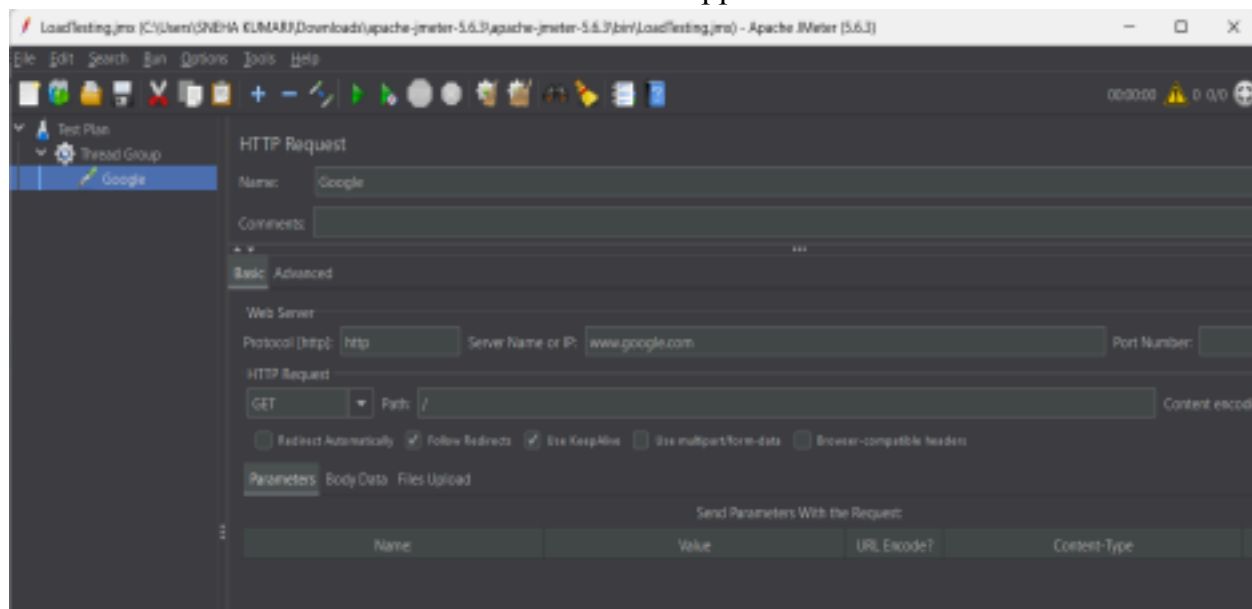
4. Configure other options like Ramp-Up Period, Loop Count if required.

### Step 5: Add an HTTP Request Sampler

1. Right-click on **Thread Group**.
2. Select **Add** → **Sampler** → **HTTP Request**.

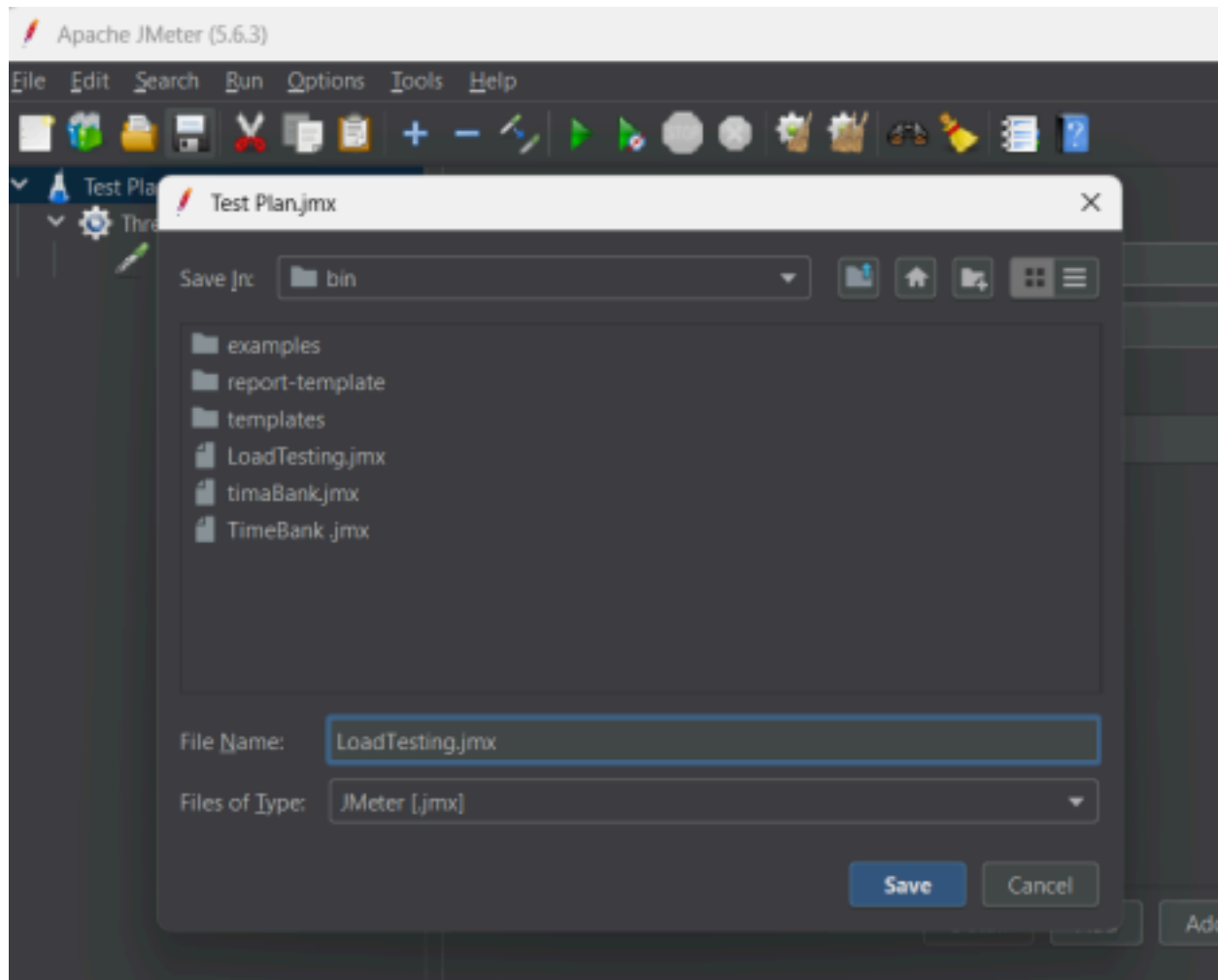


3. Enter the **Server Name or IP** and **Path** of the application to be tested.



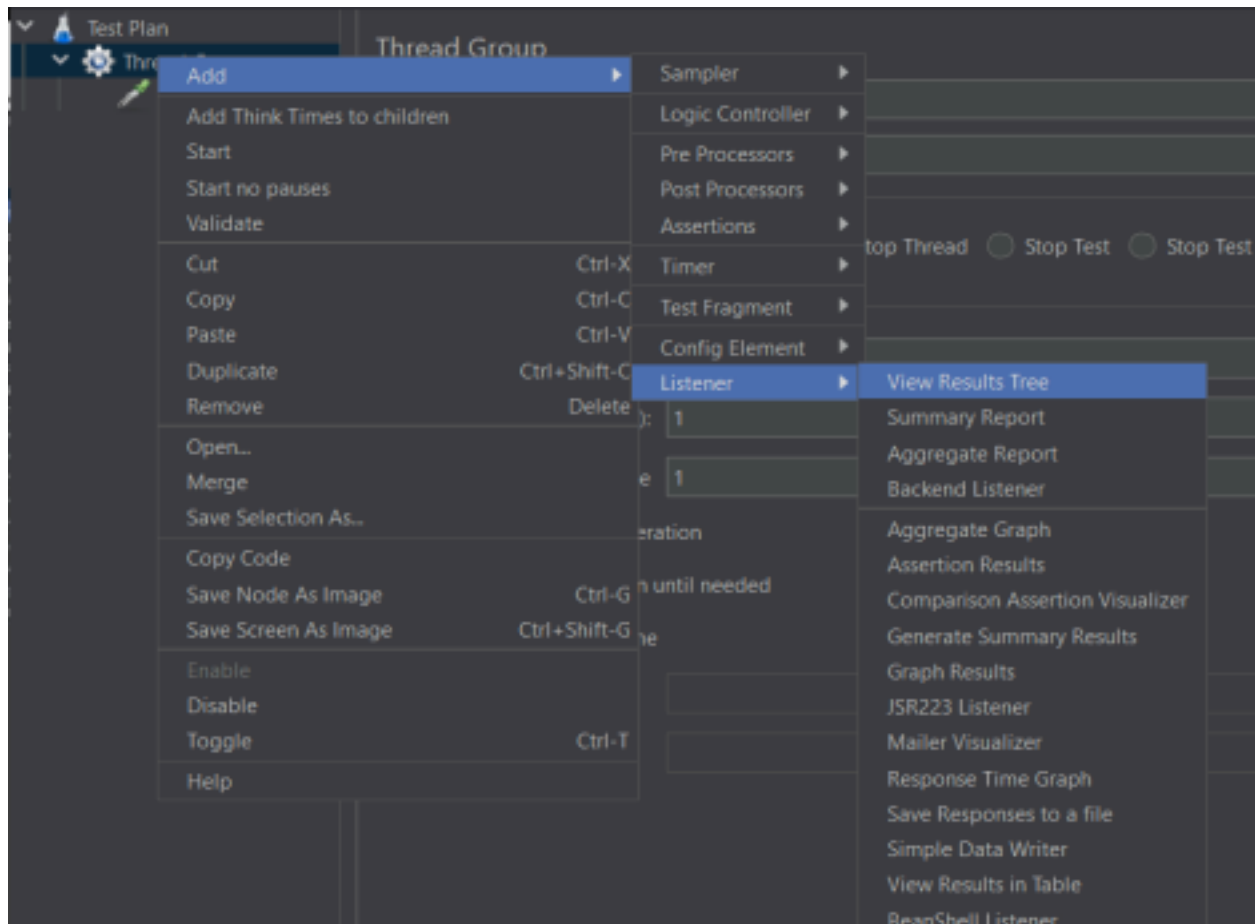
## Step 6: Save the Test Plan

1. Click on **File** → **Save Test Plan**. (e.g – LoadTesting.jmx).



### Step 7: Add Listeners

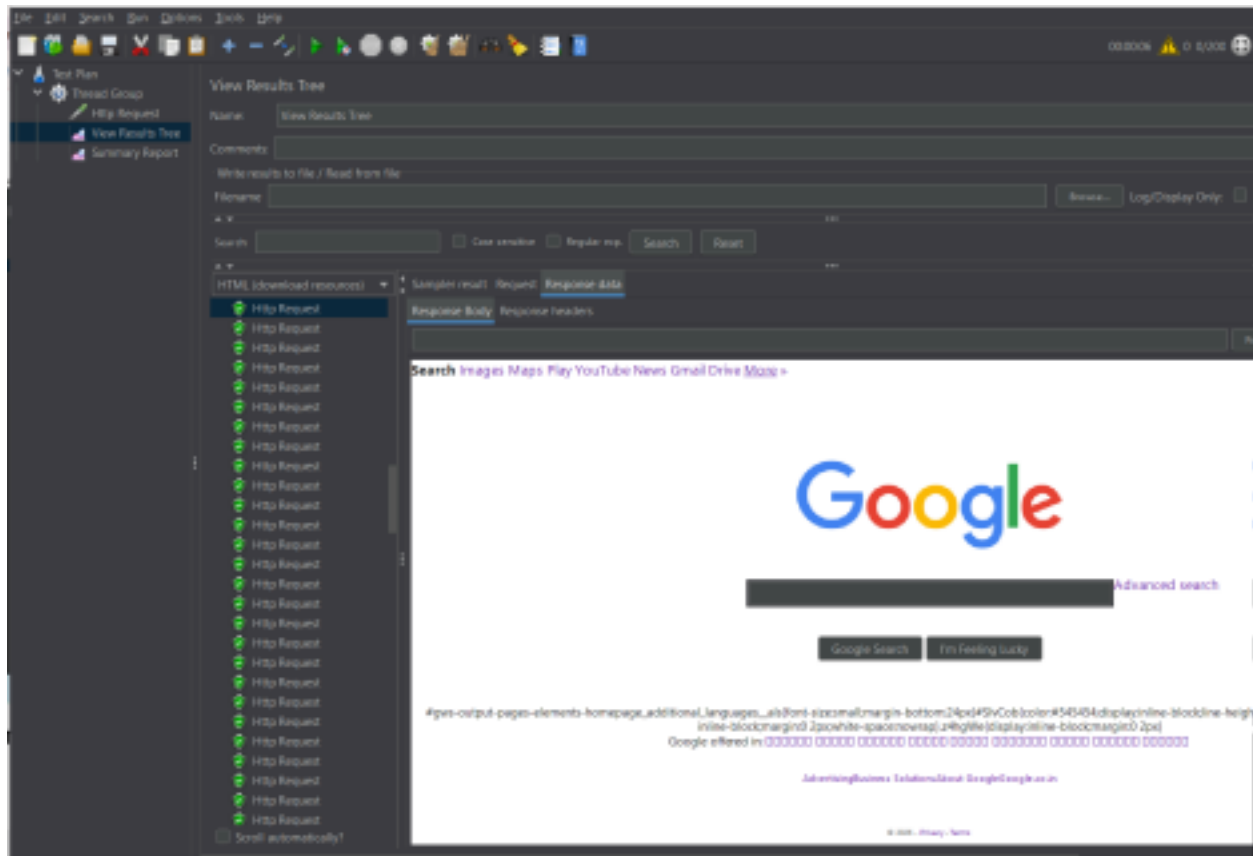
1. Right-click on **Thread Group**.
2. Click **Add** → **Listener** → **View Results Tree**.
3. Again, right-click on **Thread Group**.
4. Click **Add** → **Listener** → **Summary Report**.



1. Click on the **green Start button** in the toolbar.

## Step 9: View Test Results

1. Click on **View Results Tree** to see request and response details.
2. Click on **Summary Report** to analyze performance metrics.



## Summary Report

The screenshot shows the JMeter Summary Report. The left sidebar lists a 'Test Plan' containing a 'Thread Group' with 20 'Http Request' items. The main panel displays the 'Summary Report' for the selected 'Http Request'. The report includes a table with the following data:

Label	# Samples	Average ↓	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec
Http Request	200	518	378	5659	613.80	0.00%	31.2/sec	652.09	5.00
TOTAL	200	518	378	5659	613.80	0.00%	31.2/sec	652.09	5.00