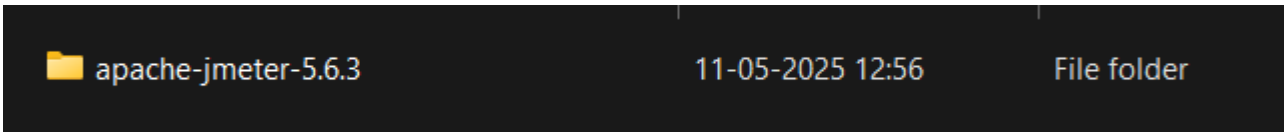
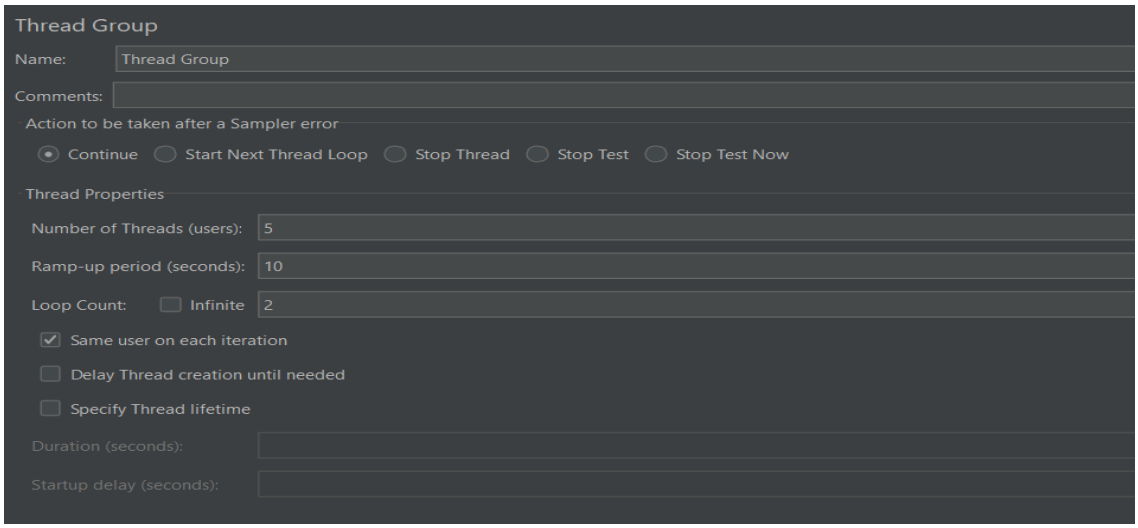
Assignment On Jmeter to perform load testing

Step 1 – Download the Jmeter for testing

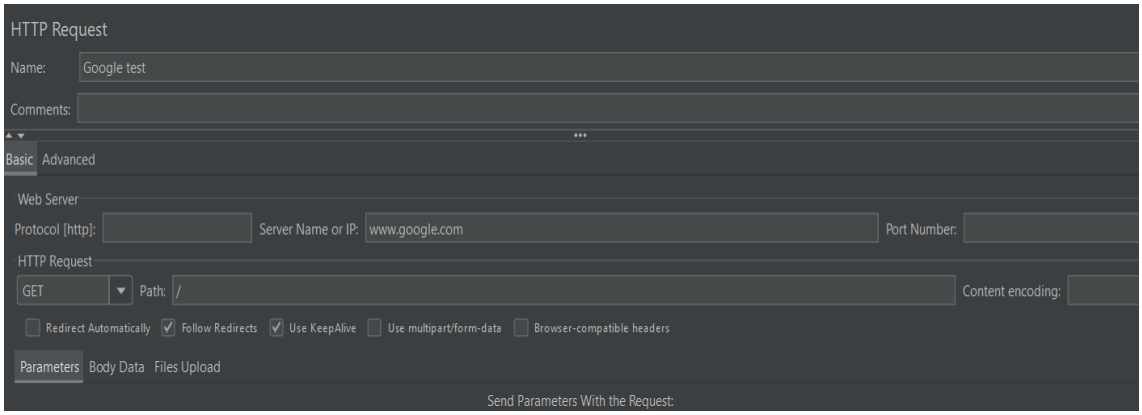


Step 2 – Created a basic test plan in JMETER

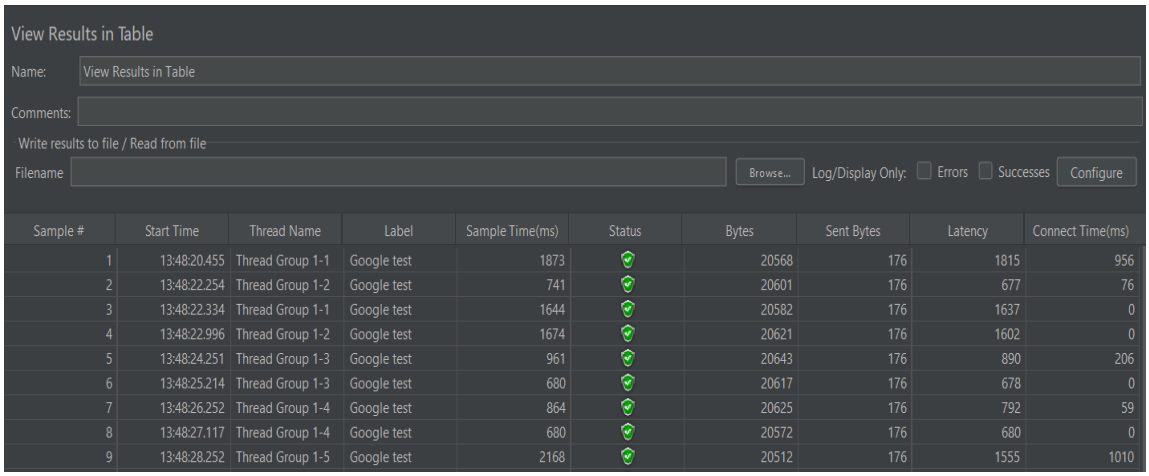
a- Add a thred group



b- Add an HTTP Request Sampler



c- Add a Listener to View Results



Sample #	Start Time	Thread Name	Label	Sample Time(ms)	Status	Bytes	Sent Bytes	Latency	Connect Time(ms)
1	13:48:20.455	Thread Group 1-1	Google test	1873		20568	176	1815	956
2	13:48:22.254	Thread Group 1-2	Google test	741		20601	176	677	76
3	13:48:22.334	Thread Group 1-1	Google test	1644		20582	176	1637	0
4	13:48:22.996	Thread Group 1-2	Google test	1674		20621	176	1602	0
5	13:48:24.251	Thread Group 1-3	Google test	961		20643	176	890	206
6	13:48:25.214	Thread Group 1-3	Google test	680		20617	176	678	0
7	13:48:26.252	Thread Group 1-4	Google test	864		20625	176	792	59
8	13:48:27.117	Thread Group 1-4	Google test	680		20572	176	680	0
9	13:48:28.252	Thread Group 1-5	Google test	2168		20512	176	1555	1010

Step 3 – Run the test plan and check the website is handle the user or not .

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
Google test	280	1198	461	2807	593.58	0.00%	8.0/min	2.68	0.02	20600.5
TOTAL	280	1198	461	2807	593.58	0.00%	8.0/min	2.68	0.02	20600.5

Step 4 –

Average Response time is – 1.2 to 1.3 which is best

Error ---- 0.0%

Throghput --- 8.0/min

The application performed smoothly, and no performance bottlenecks were identified.