Non Functional Testing --- Performance :

Load [100]

Stress

<Irctc>

10 15 20

501 502 503 504………………….Server is getting crashed

Launch google site

Thread Name:TestGroup1 1-1

Sample Start:2024-01-23 10:20:34 IST

Load time:978

Connect Time:371

Latency:679

Size in bytes:28989

Sent bytes:129

Headers size in bytes:355

Body size in bytes:28634

Sample Count:1

Error Count:0

Data type ("text"|"bin"|""):text

Response code:200

Response message:OK

HTTPSampleResult fields:

ContentType: text/html

DataEncoding: null

Thread Name:TestGroup1 1-2

Sample Start:2024-01-23 10:20:34 IST

Load time:845

Connect Time:282

Latency:566

Size in bytes:28989

Sent bytes:129

Headers size in bytes:355

Body size in bytes:28634

Sample Count:1

Error Count:0

Data type ("text"|"bin"|""):text

Response code:200

Response message:OK

HTTPSampleResult fields:

ContentType: text/html

DataEncoding: null

Thread Name:TestGroup1 1-3

Sample Start:2024-01-23 10:20:34 IST

Load time:858

Connect Time:284

Latency:577

Size in bytes:28989

Sent bytes:129

Headers size in bytes:355

Body size in bytes:28634

Sample Count:1

Error Count:0

Data type ("text"|"bin"|""):text

Response code:200

Response message:OK

HTTPSampleResult fields:

ContentType: text/html

DataEncoding: null

**Test Plan ----🡪 Test suite**

**Thread Group --🡪 Test case**

**Sampler --🡪 Add Request / Test steps**

**Listener ----- View Results Tree , View Results in table --🡪 View Reports**

**Processing http request**

**Processing HTTPS request**

**Increasing the number of Requests --- ThreadGroup Level**

**Working with different requests**

**Result analysis -🡪 View and understand the result**

**Assertions ---- Duration Assertion**

**Jmeter --🡪 Recording**

**Step-1:**

**TestPlan - > Add - > Non Test Elements -> HTTPS Test Script Recorder**

**Eneble the proxy from firefox browser // localhost , 8888**

**Add a thread group**

* **Right click -> Add -> Logic Controller -> Recording Controller**

**Desable the browser proxy**

**Click on start**

**Autogenerated certificate will be there in bin folder**

**Configure the certificate**

**While recording -🡪 Enabling the browser proxy**

**While executing -> Desable the browser proxy**

**Day-2:**

**Recording using Badboy software**

**Recording using Blazemeter software**

**Coding element Execution flow :**

**Preprocessor**

**Timer**

**Sampler**

**Post processor**

**Assertions**

**Listeners**

**Execution order**

**Run and Run Remotely**

**Timer to add wait**

**Variable :**

**${url}/login**

**TestCase :**

**Record Multiple Steps**

**+++++++++++++++++++++++++++++++++++++++++++=**

**Recording :**

**For one step in single**

**[Case-Study for Jmeter Testcase:]**

**[Use the Jmeter Recording Feature]**

**Step 1:**

**Access** [**https://github.com/**](https://github.com/)

**Wait for 5 seconds**

**ResultReport 1**

**Step 2:**

**Click on signin**

**//Perform signin**

**Wait for 5 seconds**

**ResultReport2**

**Step 3:**

**Click on signup link**

**//Wait for 5 seconds**

**Note:**

**Can we execute multiple steps at a time… multiple recording controllers .**

**Pending Topics :**

**Pre Processors**

**Post Processors**

**Random Timer**

**Types of Assertion**

**Jmeter with JDBC**

**With case-study for performing load testing**

**To download the third party app:**

[**https://badboy.en.softonic.com/**](https://badboy.en.softonic.com/)

Naukri.com

**Day-3**

**Postman:**

**Patch**

**Put**

**Delete**

**Authentication in postman**

**Evaluating the response .**

**Rest assured configuration**

**Sample code to automate the apis using restAssured**

**2nd March ..**