**Jmeter Timers**

It helps to setup a realistic performance test.

It will execute all the threads with some delay and will show a real time behaviour

First add a Thread Group

Testplan🡪 Add🡪Thread User🡪Thread Group

Graphical user interface, text, application, email

Description automatically generated

Lest add a controller

Thread Group🡪Add🡪Simple Controller

Graphical user interface, text, application, email

Description automatically generated

Now lets add a sampler

Simple Controller🡪Add🡪Sampler🡪HTTP Request

Graphical user interface, text, application

Description automatically generated

Now open the website which we need to test and enter the server’s name which is the domain and also enter the path.

Graphical user interface, text, application

Description automatically generated

Now add a Listener to check if the request is valid or not

Thread Group🡪Add🡪Listener🡪View Results in Table (Table listener)

Graphical user interface, text, application

Description automatically generated

Now run it to check if the request is valid

Now add timers, there are several types of timers and now using the

constant timer and

uniform random timer

Thread Group🡪Add🡪 Timers🡪Constant Timer

Graphical user interface, text, application

Description automatically generated

Set the time delay accordingly to see that the timers actually work

While working with the Uniform random timer

Thread Group🡪Add🡪 Timers🡪Uniform Random Timer

Graphical user interface, text, application

Description automatically generated

there are two things associated with it which are

Random Delay Max

Constant Delay Offset

The formula to calculate the Random delay = 0.X\* Random Delay Max + Constant Delay Offset

Use multiple HTTP Requests and constant timer or random uniform timer to practice and experience the delay.