

WriteUp:

Postman:

So we use a postman application here. First we create a collection here and in that collection we create 4 requests. GET, POST, PUT, DELETE

And in all this request we add tests also and run the collection.

Rest Assured:

Here we use the Maven project. First we created a file called "log4j.properties". Then we created a class to use Logger called "TestBase" then we created the main program.

So first we create a HashMap to pass the values.

Then we create our First @Test and give priority = 0 that it executes first. And in this we use GET request and verify it by status code and a value is matching or not.

Then we create our Second @Test and give priority = 1 that it executes Second. And in this we use POST request and pass the value by hashmap and verify it with status code and whether the passed value is matched or not.

Then we create our Third @Test and give priority = 2 that it executes Third. And in this we use PUT request and pass the value by hashmap to update and verify it with status code and whether the updated value is matched or not.

And last we use DELETE request and in this @Test we give priority as 3 that it executes last.

And in this we just verify with status code only.

Jmeter:

In jmeter we create a Test Plan and in the test plan we create a Thread Group and in thread group we create 4 http requests as GET, POST, PUT, DELETE. And add necessary Protocol, Server name, Path and body data when needed.

Then we add a listener as "View Result Tree" and run the listener.

If all requests passed then we are ready for the next performance test for that first we delete the listener and save the file.

Now we go to blazemeter website and create a performance testing. Now we will upload the script in that website which we save in jmeter now. Then we set the Total Users, Duration, Ramp Up Time (min) and set the location as anywhere in india and run the test.