**Source Code**

Used this link to generate GET request in POSTMAN: <https://reqres.in/api/users?page=2>

Used this link to generate POST request in POSTMAN: <https://reqres.in/api/users>

{

    "name": "morpheus",

    "job": "leader"

}

**GET REQUEST AND POST REQUEST USING REST ASSURED**

**import** java.util.HashMap;

**import** org.testng.annotations.BeforeMethod;

**import** org.testng.annotations.Test;

**import** io.restassured.RestAssured;

**public** **class** Verification {

@Test(priority = 0)

**public** **void** getServerResponse()

{

RestAssured

.*when*()

.get("https://reqres.in/api/users?page=2")

.then()

.assertThat()

.statusCode(200)

.log().all();

}

HashMap<String, String> map = **new** HashMap<String, String>();

@BeforeMethod

**public** **void** createPayLoad()

{

map.put("name", "Sandeep");

map.put("job", "Rail Vlogger");

RestAssured.*baseURI* = "https://reqres.in/";

RestAssured.*basePath* = "/api/users";

}

@Test(priority = 1)

**public** **void** createResource()

{

RestAssured

.*given*()

.contentType("application/json")

.body(map)

.when()

.post()

.then()

.statusCode(201)

.log().all();

}

}

**JMX File generated for GET REQUEST, POST REQUEST, PUT REQUEST, DELETE REQUEST using JMeter**

<?xml version="1.0" encoding="UTF-8"?>

<jmeterTestPlan version="1.2" properties="5.0" jmeter="5.6.2">

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<boolProp name="TestPlan.tearDown\_on\_shutdown">false</boolProp>

<boolProp name="TestPlan.serialize\_threadgroups">false</boolProp>

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</elementProp>

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<stringProp name="HTTPSampler.method">GET</stringProp>

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<boolProp name="HTTPSampler.auto\_redirects">false</boolProp>

<boolProp name="HTTPSampler.use\_keepalive">true</boolProp>

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<stringProp name="HTTPSampler.concurrentPool">6</stringProp>

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<stringProp name="Argument.value">{&#xd;

&quot;name&quot;: &quot;morpheus&quot;,&#xd;

&quot;job&quot;: &quot;zion resident&quot;&#xd;

}</stringProp>

<stringProp name="Argument.metadata">=</stringProp>

</elementProp>

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