RESTASSURED:

```java
import java.util.HashMap;

import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class Get_Post extends TestBase {

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

        @Test(priority=0)
        public void getServerResponse() {
                RestAssured
                        .when()
                                .get("https://restcountries.com/v3.1/all")
                        .then()
                                .statusCode(200);

                logger.info("Successfully Got the Resource");
        }

        @BeforeTest
        public void createPayload() {
                map.put("name", "Satya");
                map.put("job", "Tester");
                RestAssured.baseURI = "https://reqres.in/";
                RestAssured.basePath = "/api/users";
        }
```

```java
        @Test(priority=1)

        public void putTest() {

                RestAssured

                        .given()

                                .contentType("application/json")

                                .body(map)

                        .when()

                                .post()

                        .then()

                                .statusCode(201)

                                .log().all();


                logger.info("Resource Created");

        }

}
```

JMETER:

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

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

 <hashTree>

  <TestPlan guiclass="TestPlanGui" testclass="TestPlan" testname="Test Plan" enabled="true">

   <boolProp name="TestPlan.functional_mode">false</boolProp>

   <boolProp name="TestPlan.tearDown_on_shutdown">false</boolProp>

   <boolProp name="TestPlan.serialize_threadgroups">false</boolProp>

   <elementProp name="TestPlan.user_defined_variables" elementType="Arguments"
guiclass="ArgumentsPanel" testclass="Arguments" testname="User Defined Variables"
enabled="true">

    <collectionProp name="Arguments.arguments"/>

   </elementProp>

  </TestPlan>
```

```xml
    <hashTree>

    <ThreadGroup guiclass="ThreadGroupGui" testclass="ThreadGroup" testname="Thread Group"
enabled="true">

      <stringProp name="ThreadGroup.on_sample_error">continue</stringProp>

      <elementProp name="ThreadGroup.main_controller" elementType="LoopController"
guiclass="LoopControlPanel" testclass="LoopController" testname="Loop Controller"
enabled="true">

        <stringProp name="LoopController.loops">1</stringProp>

        <boolProp name="LoopController.continue_forever">false</boolProp>

      </elementProp>

      <stringProp name="ThreadGroup.num_threads">1</stringProp>

      <stringProp name="ThreadGroup.ramp_time">1</stringProp>

      <boolProp name="ThreadGroup.delayedStart">false</boolProp>

      <boolProp name="ThreadGroup.scheduler">false</boolProp>

      <stringProp name="ThreadGroup.duration"></stringProp>

      <stringProp name="ThreadGroup.delay"></stringProp>

      <boolProp name="ThreadGroup.same_user_on_next_iteration">true</boolProp>

    </ThreadGroup>

    <hashTree>

    <HTTPSamplerProxy guiclass="HttpTestSampleGui" testclass="HTTPSamplerProxy"
testname="GETDemo" enabled="true">

      <boolProp name="HTTPSampler.postBodyRaw">false</boolProp>

      <elementProp name="HTTPsampler.Arguments" elementType="Arguments"
guiclass="HTTPArgumentsPanel" testclass="Arguments" testname="User Defined Variables"
enabled="true">

        <collectionProp name="Arguments.arguments"/>

      </elementProp>

      <stringProp name="HTTPSampler.domain">reqres.in</stringProp>

      <stringProp name="HTTPSampler.protocol">https</stringProp>

      <stringProp name="HTTPSampler.path">/api/users?page=2</stringProp>

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

      <boolProp name="HTTPSampler.follow_redirects">true</boolProp>

      <boolProp name="HTTPSampler.auto_redirects">false</boolProp>
```

```xml
          <boolProp name="HTTPSampler.use_keepalive">true</boolProp>

          <boolProp name="HTTPSampler.DO_MULTIPART_POST">false</boolProp>

          <boolProp name="HTTPSampler.BROWSER_COMPATIBLE_MULTIPART">false</boolProp>

          <boolProp name="HTTPSampler.image_parser">false</boolProp>

          <boolProp name="HTTPSampler.concurrentDwn">false</boolProp>

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

          <boolProp name="HTTPSampler.md5">false</boolProp>

          <intProp name="HTTPSampler.ipSourceType">0</intProp>

        </HTTPSamplerProxy>

        <hashTree/>

        <HTTPSamplerProxy guiclass="HttpTestSampleGui" testclass="HTTPSamplerProxy"
testname="POSTDemo" enabled="true">

          <boolProp name="HTTPSampler.postBodyRaw">true</boolProp>

          <elementProp name="HTTPsampler.Arguments" elementType="Arguments">

            <collectionProp name="Arguments.arguments">

              <elementProp name="" elementType="HTTPArgument">

                <boolProp name="HTTPArgument.always_encode">false</boolProp>

                <stringProp name="Argument.value">{&#xd;
    &quot;name&quot;: &quot;morpheus&quot;,&#xd;
    &quot;job&quot;: &quot;leader&quot;&#xd;
}</stringProp>

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

              </elementProp>

            </collectionProp>

          </elementProp>

          <stringProp name="HTTPSampler.domain">reqres.in</stringProp>

          <stringProp name="HTTPSampler.protocol">https</stringProp>

          <stringProp name="HTTPSampler.path">/api/users</stringProp>

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

          <boolProp name="HTTPSampler.follow_redirects">true</boolProp>

          <boolProp name="HTTPSampler.auto_redirects">false</boolProp>
```

```xml
<boolProp name="HTTPSampler.use_keepalive">true</boolProp>

<boolProp name="HTTPSampler.DO_MULTIPART_POST">false</boolProp>

<boolProp name="HTTPSampler.BROWSER_COMPATIBLE_MULTIPART">false</boolProp>

<boolProp name="HTTPSampler.image_parser">false</boolProp>

<boolProp name="HTTPSampler.concurrentDwn">false</boolProp>

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

<boolProp name="HTTPSampler.md5">false</boolProp>

<intProp name="HTTPSampler.ipSourceType">0</intProp>

</HTTPSamplerProxy>

<hashTree/>

<HTTPSamplerProxy guiclass="HttpTestSampleGui" testclass="HTTPSamplerProxy" testname="PUTDemo" enabled="true">

<boolProp name="HTTPSampler.postBodyRaw">true</boolProp>

<elementProp name="HTTPsampler.Arguments" elementType="Arguments">

<collectionProp name="Arguments.arguments">

<elementProp name="" elementType="HTTPArgument">

<boolProp name="HTTPArgument.always_encode">false</boolProp>

<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>

</collectionProp>

</elementProp>

<stringProp name="HTTPSampler.domain">reqres.in</stringProp>

<stringProp name="HTTPSampler.protocol">https</stringProp>

<stringProp name="HTTPSampler.path">/api/users/2</stringProp>

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

<boolProp name="HTTPSampler.follow_redirects">true</boolProp>

<boolProp name="HTTPSampler.auto_redirects">false</boolProp>
```

```xml
          <boolProp name="HTTPSampler.use_keepalive">true</boolProp>

          <boolProp name="HTTPSampler.DO_MULTIPART_POST">false</boolProp>

          <boolProp name="HTTPSampler.BROWSER_COMPATIBLE_MULTIPART">false</boolProp>

          <boolProp name="HTTPSampler.image_parser">false</boolProp>

          <boolProp name="HTTPSampler.concurrentDwn">false</boolProp>

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

          <boolProp name="HTTPSampler.md5">false</boolProp>

          <intProp name="HTTPSampler.ipSourceType">0</intProp>

      </HTTPSamplerProxy>

      <hashTree/>

      <HTTPSamplerProxy guiclass="HttpTestSampleGui" testclass="HTTPSamplerProxy"
testname="DELETEDemo" enabled="true">

          <boolProp name="HTTPSampler.postBodyRaw">false</boolProp>

          <elementProp name="HTTPsampler.Arguments" elementType="Arguments"
guiclass="HTTPArgumentsPanel" testclass="Arguments" testname="User Defined Variables"
enabled="true">

            <collectionProp name="Arguments.arguments"/>

          </elementProp>

          <stringProp name="HTTPSampler.domain">reqres.in</stringProp>

          <stringProp name="HTTPSampler.protocol">https</stringProp>

          <stringProp name="HTTPSampler.path">/api/users/2</stringProp>

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

          <boolProp name="HTTPSampler.follow_redirects">true</boolProp>

          <boolProp name="HTTPSampler.auto_redirects">false</boolProp>

          <boolProp name="HTTPSampler.use_keepalive">true</boolProp>

          <boolProp name="HTTPSampler.DO_MULTIPART_POST">false</boolProp>

          <boolProp name="HTTPSampler.BROWSER_COMPATIBLE_MULTIPART">false</boolProp>

          <boolProp name="HTTPSampler.image_parser">false</boolProp>

          <boolProp name="HTTPSampler.concurrentDwn">false</boolProp>

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

          <boolProp name="HTTPSampler.md5">false</boolProp>

          <intProp name="HTTPSampler.ipSourceType">0</intProp>
```

```xml
        </HTTPSamplerProxy>

        <hashTree/>

      </hashTree>

    </hashTree>

  </hashTree>

</jmeterTestPlan>
```