## **Practice Project:**

## Create, Update and Delete User Using RestAssured – regres.in

## **Screenshots:**

```
maven - lessonEndProject/src/test/java/in/regres/lessonEndProject/create_verify_update_delete_user.java - Eclipse IDE
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    ⊯ ecommerce
    ¡jenkin_demo [jenkins master]

                                                                                                                                                                                             package in.reqres.lessonEndProject;
                                                                                                                                                                                              2

38 import java.util.HashMap;

4 import org.testng.annotations.Test;

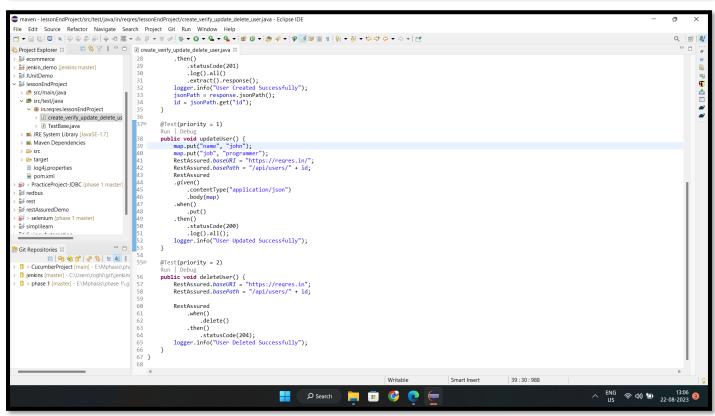
5 import io.restassured.RestAssured;

6 import io.restassured.path.json.JsonPath;

7 import io.restassured.response.Response;
     NE
     > # src/main/java

> # src/test/java
                 in.regres.lessonEndProject
                             create_verify_update_delete_us
                 → ☑ TestBase.java

■ JRE System Library [JavaSE-1.7]
                                                                                                                                                                                             9 public class create verify update delete user extends TestBase {
                                                                                                                                                                                                                          HashMap<String, String> map = new HashMap<String, String>();
                 Maven Dependencies
                                                                                                                                                                                                                         String id;
Response response;
JsonPath jsonPath;
                target
log4j.properties
                                                                                                                                                                                                                          @Test(priority = 0)
                   pom.xml
                                                                                                                                                                                                                         Run | Debug
public void createUser() {
    map.put("name", "john");
    map.put("job", "doctor");
    RestAssured.baseUNI = "https://reqres.in/";
    RestAssured.basePath = "/api/users";
    response = MestAssured
     R > PracticeProject-JDBC (phase 1 master)
       i redbus
     👺 simplilearn
                                                                                                                                                                                                                                                                                 /
ntentType("application/json")
                                                                                                                                                                                                                                                                   .body(map)
     | Cot Repositories 28 | Page 24 | Page 25 | Pa
                                                                                                                                                                                                                                            .when()
                                                                                                                                                                                                                                         .when()
.post()
.then()
.statusCode(201)
.log().all()
.extract().response();
logger.info("User Created Successfully");
jsonPath = response.jsonPath();
id = jsonPath.get("id");
                                                                                                                                                                                                                         @Test(priority = 1)
Run | Debug
                                                                                                                                                                                                                         Run | Debug
public void updateUser() {
    map.put("name", "john");
    map.put("job", "programmer");
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Smart Insert 39 : 30 : 988
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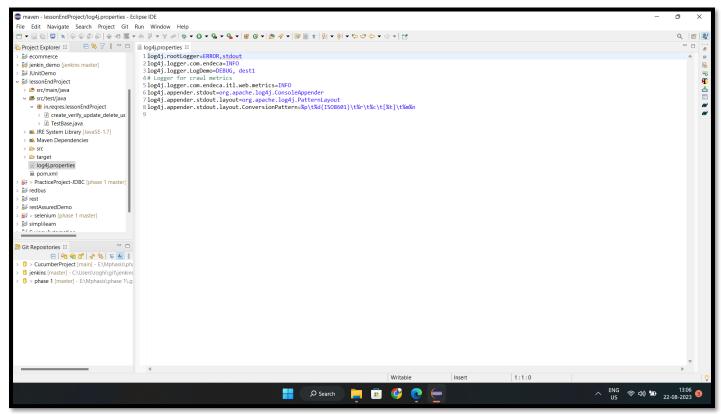


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maven - lessonEndProject/src/test/java/in/regres/lessonEndProject/TestBase.java - Eclipse IDE
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 Project Explorer 🛭 🕒 🥞 🎖 🖁 🖳 🖸 🖸 TestBase.java 🖾
 ecommerce [jenkins master]
                                                   1 package in.reqres.lessonEndProject;
                                                       2
3=import org.apache.log4j.Level;
4 import org.apache.log4j.Logger;
5 import org.apache.log4j.PropertyConfigurator;
6 import org.apache.log4j.PropertyConfigurator;
6 import org.testng.annotations.BeforeClass;
7 import io.restassured.response.Response;
8 import io.restassured.specification.RequestSpecification;
 №
 ● src/main/java
■ src/test/java
     # in.regres.lessonEndProject
     > ② create_verify_update_delete_us
> ② TestBase.java

M JRE System Library [JavaSE-1.7]
                                                    10 public class TestBase {
                                                                public static RequestSpecification httpRequest;
public static Response response;
public Logger logger;
     Maven Dependencies

    Src

    target
log4j.properties
                                                                @BeforeClass
public void setUp() {
  logger = logger.getlogger("LogDemo");
  PropertyConfigurator.configure("log4j.properties");
  logger.setLevel(Level.DEBUS);
     mx.moq
 F > PracticeProject-JDBC [phase 1 master]
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  > CucumberProject [main] - E:\Mphasis\pha
jenkins [master] - C:\Users\roghi\git\jenkins
> phase 1 [master] - E:\Mphasis\phase 1\.g
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maven - lessonEndProject/src/test/java/in/regres/lessonEndProject/create_verify_update_delete_user.java - Eclipse IDE
 File Edit Source Refactor Navigate Search Project Git Run Window Help
 Q 🔡 🐉
  Project Explorer 🛭 🕒 🥦 🥫 🗂 🗓 create_verify_update_delete_user.java 🖾
                                                                                                                                                                                                                                              □ □ Console ⊠
                                                                                                                                                                                                                                                                                                   package in.reqres.lessonEndProject;
   jenkin_demo (jenkins master)
                                                                  3⊕ import java.util.HashMap:□
  src/main/java
src/test/java
                                                                 9 public class create_verify_update_delete_user extends TestBase {

    # in.regres.lessonEndProject

                                                                             HashMap<String, String> map = new HashMap<String, String>();
                                                                            String id;
Response response;
JsonPath jsonPath;
          create_verify_update_delete_us

    TestBase.java

JRE System Library [JavaSE-1.7]
                                                                                                                                                                                                                                                  Date: Tue, 22 Aug 2023 07:37:09 GMT
Content-Type: application/json; charset=utf-8
Connert-Length: 80
                                                                14
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16<sup>®</sup>
                                                                            Run | Debug

Run | Debug

public void createUser() {
    map.put("name", "john");
    map.put("job", "doctor");
    RestAssured.bosePath = "https://reqres.in/";
    RestAssured.bosePath = "/api/users";
    response = RestAssured
    .given()
    .content...
      Maven Dependencies
                                                                                                                                                                                                                                                 Content-Length: 80
Connection: keep-alive
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W."5s-TJO062IKNIW/IlWEyMnbbDRVqzg"
Via: 1.1 vegur
CF-Cache-Status: DYMAMIC
Report-To: ("endpoints":[{"url":"https:\/\/a.nel.cloudflare.com\/
NEL: ("success_fraction":0, "report_to":"cf-nel", "max_age":604800)
Server: cloudflare
CF-RAY: 7fa972e6ee784cad-SIN

    Src

      b target

    ∃ log4j.properties
      mx.moq
  PracticeProject-JDBC [phase 1 master]
  .contentType("application/json")
.body(map)
  simplilearn
                                                                                    .when()
                                                                                   .post()
.then()
                                                                                                                                                                                                                                                          "name": "john",
"job": "doctor",
"id": "405",
"createdAt": "2023-08-22T07:37:09.210Z"
                                                                                            .statusCode(201)
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                                                                                   .statusCode(201)
.log().all()
.extract().response();
logger.info("User Created Successfully");
jsonPath = response.jsonPath();
id = jsonPath.get("id");

    > CucumberProject [main] - E:\Mphasis\pha
    jenkins [master] - C:\Users\roghi\git\jenkins

                                                                                                                                                                                                                                                            2023-08-22 13:07:09,667 0
                                                                                                                                                                                                                                                                                                                      LogDemo [main] User Crea
                                                                                                                                                                                                                                                 INFO 2023-08-22 13:07:09,667 0 LogDemo [main] User Cree
HTTP/1.1 200 0K
Date: Tue, 22 Aug 2023 07:37:11 GMT
Content-Type: application/json; charset=utf-8
Transfer-Incoding: chunked
Connection: keep-alive
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W/"09-mylla501z8fAPVPUOUkP3cbOY8"
Via: 1.1 vegur
CF-Cache-Status: DYMAMIC
Report-To: ("endpoints":[{"url":"https:\//a.nel.cloudflare.com\/
NEL: ("success fraction":0, "report to":"cf-nel", "max age":604800)
                                                                             @Test(priority = 1)
                                                                            Run | Debug
public void updateUser() {
    map.put("name", "john");
    map.put("joh", "programmer");
    RestAssured.baseUst = "https://regres.in/";
    RestAssured.basePath = "/api/users/" + id;
                                                                38
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40
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44
                                                                                    RestAssured
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