

## Source Code:

```
package in.Simplilearn.RestAssuredDemo;

import static org.hamcrest.Matchers.is;

import java.util.HashMap;

import org.junit.Assert;

import org.testng.annotations.Test;

import io.restassured.RestAssured;

import io.restassured.path.json.JsonPath;

import io.restassured.response.Response;


public class ReqRes_main_Demo extends TestBase {

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

    int id;

    Response response;

    JsonPath jsonPath;


    //@BeforeMethod

    @Test(priority=0)
    public void createPayload() {

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

        map.put("job", "leader");

        map.put("id", "588");

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

        RestAssured.basePath = "/api/users";

        logger.info("Payload Created");

    }


    @Test(priority=1)
```

```

public void createResource() {
    response = RestAssured
        .given()
        .contentType("application/json")
        .body(map)
        .when()
        .post()
        .then()
        .statusCode(201)
        .log().all()
        .extract().response();

    logger.info("Resource Created Successfully");
    jsonPath = response.jsonPath();
    //id = jsonPath.get("588");
    System.out.println(588);
}

```

```

@Test(priority=2)
public void VerifyResource() {
    System.out.println("Id = " + 588);
    RestAssured
        .given()
        .contentType("application/json")
        .when()
        .get("https://reqres.in/api/users?page=2"+588)
        .then()
        .assertThat()
        .statusCode(200)

```

```

        .log().all();

        Assert.assertTrue(jsonPath.get("name").equals("morpheus"));
    }

```

```

@Test(priority=3)

```

```

public void updateResource() {
    map.put("name", "morpheus");
    map.put("job", "zion resident");
    RestAssured.baseURI = "https://reqres.in/";
    RestAssured.basePath = "/api/users/2" + 588;

    RestAssured
        .given()
        .contentType("application/json")
        .body(map)
    .when()
        .put()
    .then()
        .statusCode(200)
        .log().all()
        .assertThat()
        .body("name", is("morpheus"));
}

```

```

@Test(priority=4)

```

```

public void deletResource() {
    RestAssured.baseURI = "https://reqres.in/";
    RestAssured.basePath = "/api/users/2" + 588;
}

```

```
RestAssured
    .given()
    .contentType("application/json")
    .when()
    .delete()
    .then()
    .statusCode(204);

}
```

```
}
```