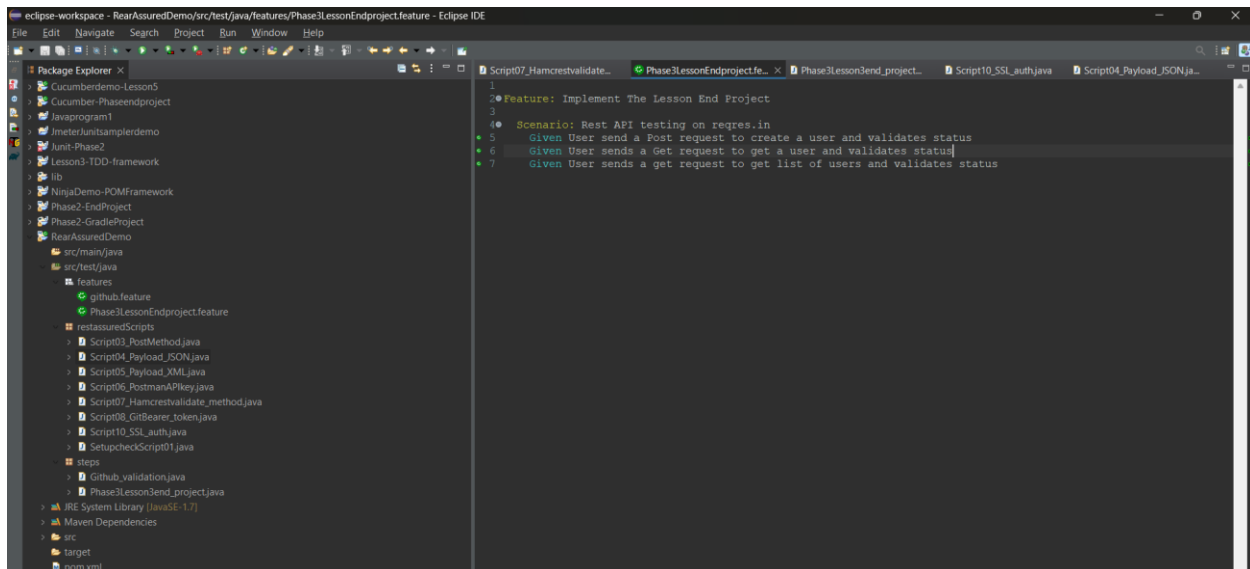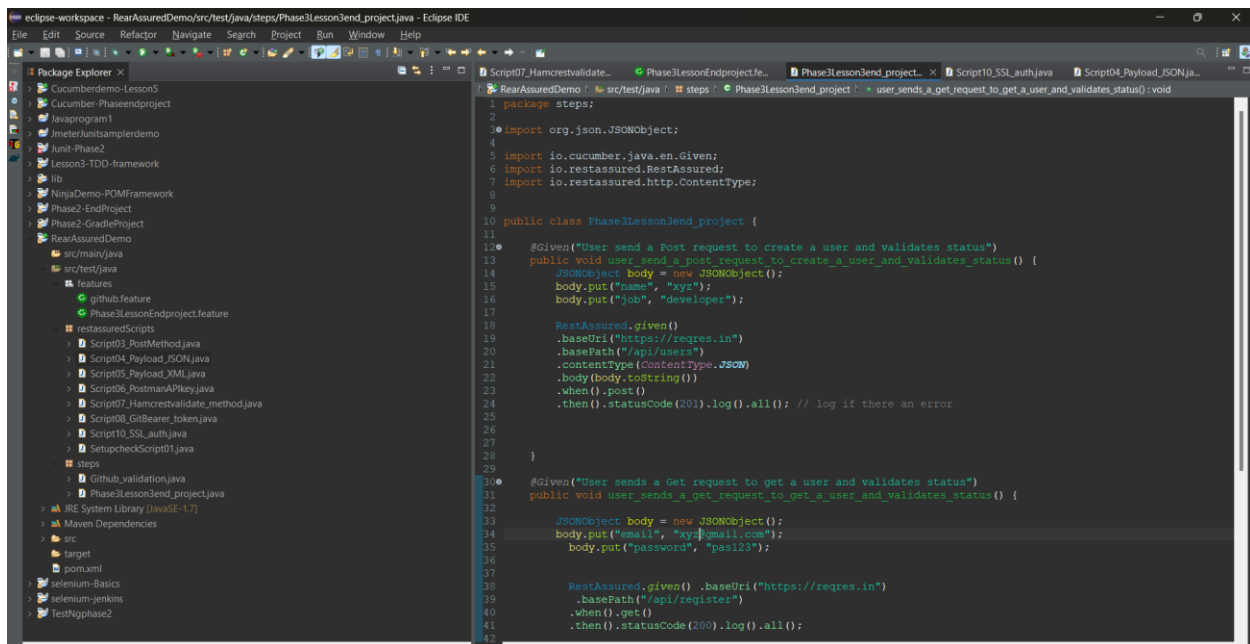# Lesson-end Project : Handling the Test Data and Executing It in Multiple Environments for User Module of an Application.
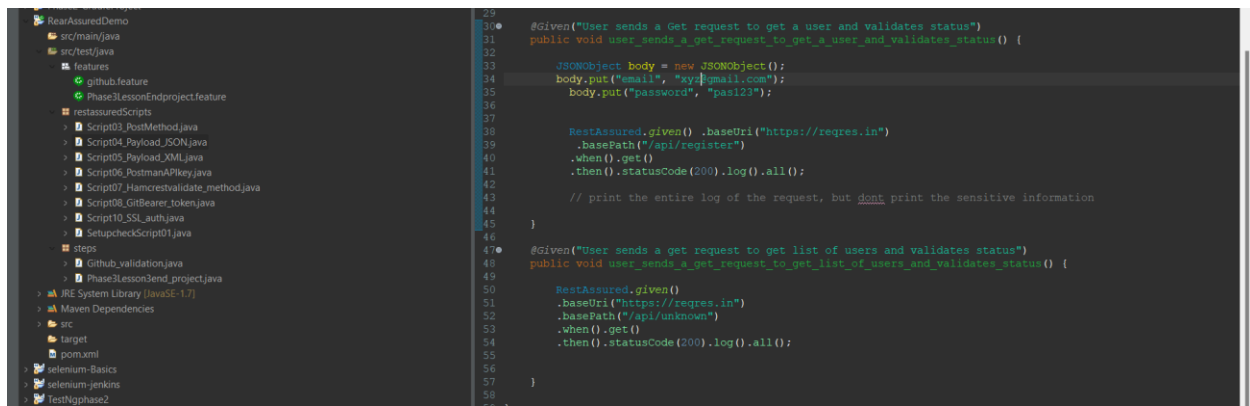
(Screenshots):

Feature file:

Steps package (`Phase3Lesson3end_project.java`)

```java
29
30    @Given("User sends a Get request to get a user and validates status")
31    public void user_sends_a_get_request_to_get_a_user_and_validates_status() {
32
33        JSONObject body = new JSONObject();
34        body.put("email", "xyz@gmail.com");
35        body.put("password", "pas123");
36
37
38        RestAssured.given() .baseUri("https://reqres.in")
39         .basePath("/api/register")
40        .when().get()
41        .then().statusCode(200).log().all();
42
43        // print the entire log of the request, but dont print the sensitive information
44
45    }
46
47    @Given("User sends a get request to get list of users and validates status")
48    public void user_sends_a_get_request_to_get_list_of_users_and_validates_status() {
49
50        RestAssured.given()
51        .baseUri("https://reqres.in")
52        .basePath("/api/unknown")
53        .when().get()
54        .then().statusCode(200).log().all();
55
56
57    }
58
```

Output response:

eclipse-workspace - RearAssuredDemo/src/test/java/features/Phase3LessonEndproject.feature - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Problems @ Javadoc Declaration Console Coverage Results of running class Script10_SSL_auth Gradle Tasks   lproject.fe... × Phase3Lesson3end_p

<terminated> Phase3LessonEndproject.feature [Cucumber Feature] C:\Program Files\Java\jdk-11\bin\javaw.exe (09-Nov-2023, 4:24:04 PM – 4:24:08 PM) [pid: 121   Project
Nov 09, 2023 4:24:05 PM cucumber.api.cli.Main run
WARNING: You are using deprecated Main class. Please use io.cucumber.core.cli.Main   eqres.in
                                                                                                                                                 t to create a user and val
Scenario: Rest API testing on reqres.in   # src/test/java/features/Phase   t to get a user and valida
HTTP/1.1 201 Created   t to get list of users and
Date: Thu, 09 Nov 2023 10:54:07 GMT
Content-Type: application/json; charset=utf-8
Content-Length: 82
Connection: keep-alive
Report-To: {"group":"heroku-nel","max_age":3600,"endpoints":[{"url":"https://nel.heroku.com/reports?ts=1
Reporting-Endpoints: heroku-nel=https://nel.heroku.com/reports?ts=1699527247&sid=c4c9725f-1ab0-44d8-820f-
Nel: {"report_to":"heroku-nel","max_age":3600,"success_fraction":0.005,"failure_fraction":0.05,"response
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W/"52-fy0icguMN8E/SuwBdnCuw51Io10"
Via: 1.1 vegur
CF-Cache-Status: DYNAMIC
Server: cloudflare
CF-RAY: 8235840efa6f8549-BOM

{
    "name": "xyz",
    "job": "developer",
    "id": "582",
    "createdAt": "2023-11-09T10:54:07.509Z"
}
  Given User send a Post request to create a user and validates status   # steps.Phase3Lesson3end_proj
HTTP/1.1 200 OK
Date: Thu, 09 Nov 2023 10:54:07 GMT
Content-Type: application/json; charset=utf-8
Transfer-Encoding: chunked
Connection: keep-alive
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W/"2c1-N6Rqerxquq2kgQhL51EiSg4x0R8"
Via: 1.1 vegur
Cache-Control: max-age=14400
CF-Cache-Status: HIT
Age: 3797

eclipse-workspace - RearAssuredDemo/src/test/java/features/Phase3LessonEndproject.feature - Eclipse IDE

File Edit Navigate Search Project Run Window Help

Problems @ Javadoc Declaration Console Coverage Results of running class Script10_SSL_auth Gradle Tasks   lproject.fe... × Phase3Less

<terminated> Phase3LessonEndproject.feature [Cucumber Feature] C:\Program Files\Java\jdk-11\bin\javaw.exe (09-Nov-2023, 4:24:04 PM – 4:24:08 PM) [pid: 121   Project
Report-To: {"endpoints":[{"url":"https:\/\/a.nel.cloudflare.com\/report\/v3?s=3tXyWQDHRf%2BE0PsEKqeothmi
NEL: {"success_fraction":0,"report_to":"cf-nel","max_age":604800}   eqres.in
Vary: Accept-Encoding   t to create a user a
Server: cloudflare   t to get a user and
CF-RAY: 82358412d99ef490-BOM   t to get list of use
Content-Encoding: gzip

{
    "page": 1,
    "per_page": 6,
    "total": 12,
    "total_pages": 2,
    "data": [
        {
            "id": 1,
            "name": "cerulean",
            "year": 2000,
            "color": "#98B2D1",
            "pantone_value": "15-4020"
        },
        {
            "id": 2,
            "name": "fuchsia rose",
            "year": 2001,
            "color": "#C74375",
            "pantone_value": "17-2031"
        },
        {
            "id": 3,
            "name": "true red",
            "year": 2002,
            "color": "#BF1932",
            "pantone_value": "19-1664"
        },
        {
            "id": 4,
            "name": "aqua sky",
            "year": 2003,
            "color": "#7BC4C4",

Problems   Javadoc   Declaration   Console ×   Coverage   Results of running class Script10_SSL_auth   Gradle Tasks   lproject.fe... ×   Phase3Lesson3end_p

<terminated> Phase3LessonEndproject.feature [Cucumber Feature] C:\Program Files\Java\jdk-11\bin\javaw.exe (09-Nov-2023, 4:24:04 PM – 4:24:08 PM) [pid: 121

Project

eqres.in
t to create a user and val
t to get a user and valida
t to get list of users and

                    "pantone_value": "14-4811"
            },
            {
                "id": 5,
                "name": "tigerlily",
                "year": 2004,
                "color": "#E2583E",
                "pantone_value": "17-1456"
            },
            {
                "id": 6,
                "name": "blue turquoise",
                "year": 2005,
                "color": "#53B0AE",
                "pantone_value": "15-5217"
            }
        ],
        "support": {
            "url": "https://reqres.in/#support-heading",
            "text": "To keep ReqRes free, contributions towards server costs are appreciated!"
        }
}
  Given User sends a Get request to get a user and validates status   # steps.Phase3Lesson3end_proje
HTTP/1.1 200 OK
Date: Thu, 09 Nov 2023 10:54:07 GMT
Content-Type: application/json; charset=utf-8
Transfer-Encoding: chunked
Connection: keep-alive
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W/"2c1-N6Rqerxquq2kgQhL51EiSg4x0R8"
Via: 1.1 vegur
Cache-Control: max-age=14400
CF-Cache-Status: HIT
Age: 4921
Report-To: {"endpoints":[{"url":"https:\/\/a.nel.cloudflare.com\/report\/v3?s=lNhQJUoWqsdKyeMu0qMhYAfqET
NEL: {"success_fraction":0,"report_to":"cf-nel","max_age":604800}
Vary: Accept-Encoding
Server: cloudflare

Problems   Javadoc   Declaration   Console ×   Coverage   Results of running class Script10_SSL_auth   Gradle Tasks   lproject.f

<terminated> Phase3LessonEndproject.feature [Cucumber Feature] C:\Program Files\Java\jdk-11\bin\javaw.exe (09-Nov-2023, 4:24:04 PM – 4:24:08 PM) [pid: 121

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CF-RAY: 82358413dc78441e-BOM
Content-Encoding: gzip

{
    "page": 1,
    "per_page": 6,
    "total": 12,
    "total_pages": 2,
    "data": [
        {
            "id": 1,
            "name": "cerulean",
            "year": 2000,
            "color": "#98B2D1",
            "pantone_value": "15-4020"
        },
        {
            "id": 2,
            "name": "fuchsia rose",
            "year": 2001,
            "color": "#C74375",
            "pantone_value": "17-2031"
        },
        {
            "id": 3,
            "name": "true red",
            "year": 2002,
            "color": "#BF1932",
            "pantone_value": "19-1664"
        },
        {
            "id": 4,
            "name": "aqua sky",
            "year": 2003,
            "color": "#7BC4C4",
            "pantone_value": "14-4811"
        },
        {
            "id": 5,

File   Edit   Navigate   Search   Project   Run   Window   Help

Problems   Javadoc   Declaration   Console ×   Coverage   Results of running class Script10_SSL_auth   Gradle Tasks

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```
<terminated> Phase3LessonEndproject.feature [Cucumber Feature] C:\Program Files\Java\jdk-11\bin\javaw.exe  (09-Nov-2023, 4:24:04 PM – 4:24:08 PM) [pid: 121
```

Project

```
        },
        {
            "id": 5,
            "name": "tigerlily",
            "year": 2004,
            "color": "#E2583E",
            "pantone_value": "17-1456"
        },
        {
            "id": 6,
            "name": "blue turquoise",
            "year": 2005,
            "color": "#53B0AE",
            "pantone_value": "15-5217"
        }
    ],
    "support": {
        "url": "https://reqres.in/#support-heading",
        "text": "To keep ReqRes free, contributions towards server costs are appreciated!"
    }
}
  Given User sends a get request to get list of users and validates status # steps.Phase3Lesson3end_proje

1 Scenarios (1 passed)
3 Steps (3 passed)
0m2.583s


  Share your Cucumber Report with your team at https://reports.cucumber.io
  Activate publishing with one of the following:

  src/test/resources/cucumber.properties:          cucumber.publish.enabled=true
  src/test/resources/junit-platform.properties:    cucumber.publish.enabled=true
  Environment variable:                            CUCUMBER_PUBLISH_ENABLED=true
  JUnit:                                           @CucumberOptions(publish = true)

  More information at https://cucumber.io/docs/cucumber/environment-variables/
```

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