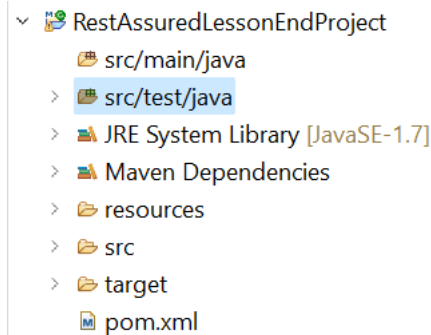


Phase-3 Practice Project-3

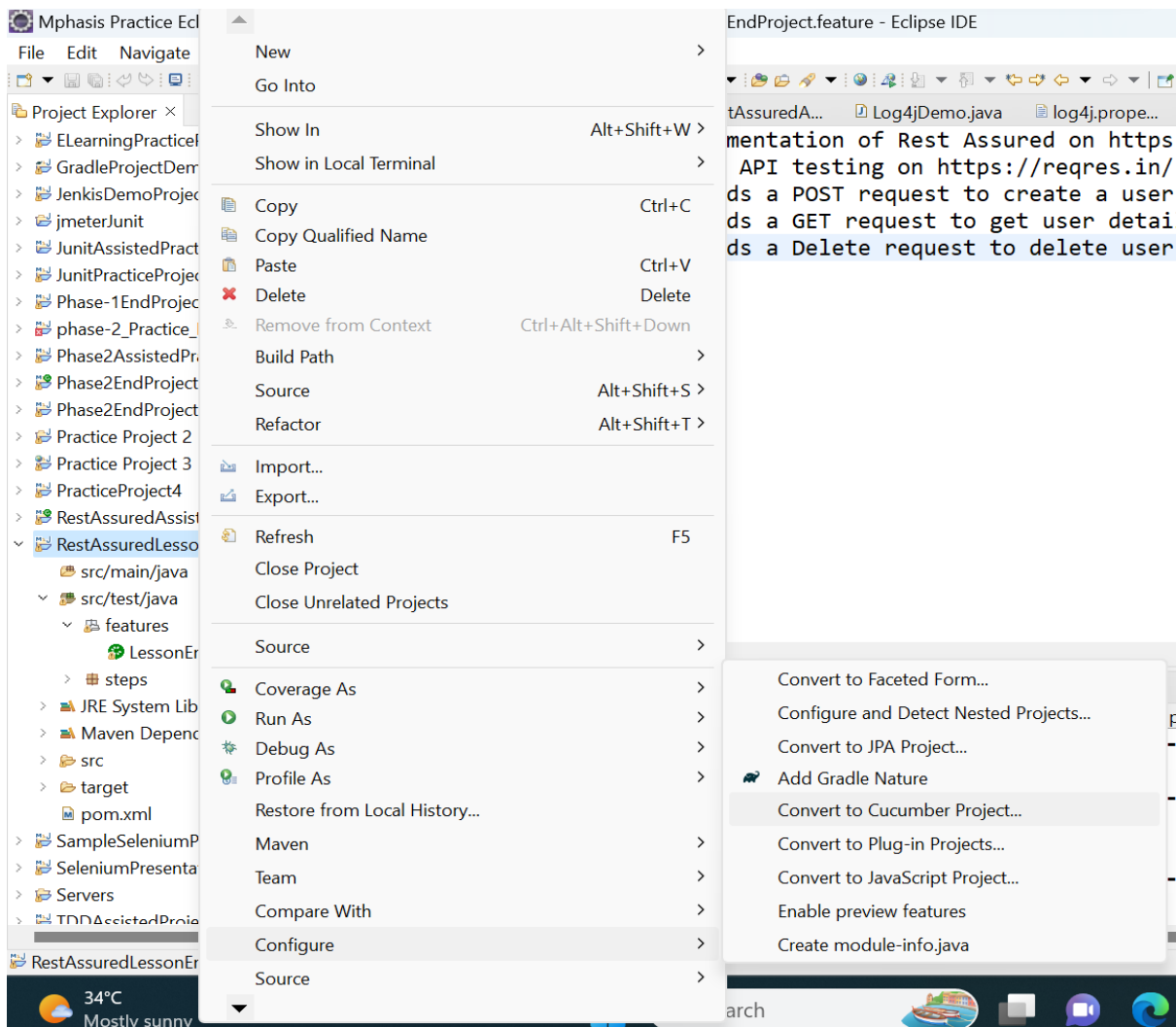
Step 1:

Create a maven Project and add dependencies.



Step 2:

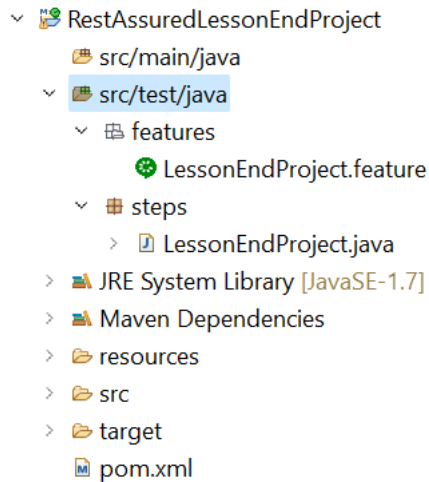
Convert the maven project to Cucumber project.



Phase-3 Practice Project-3

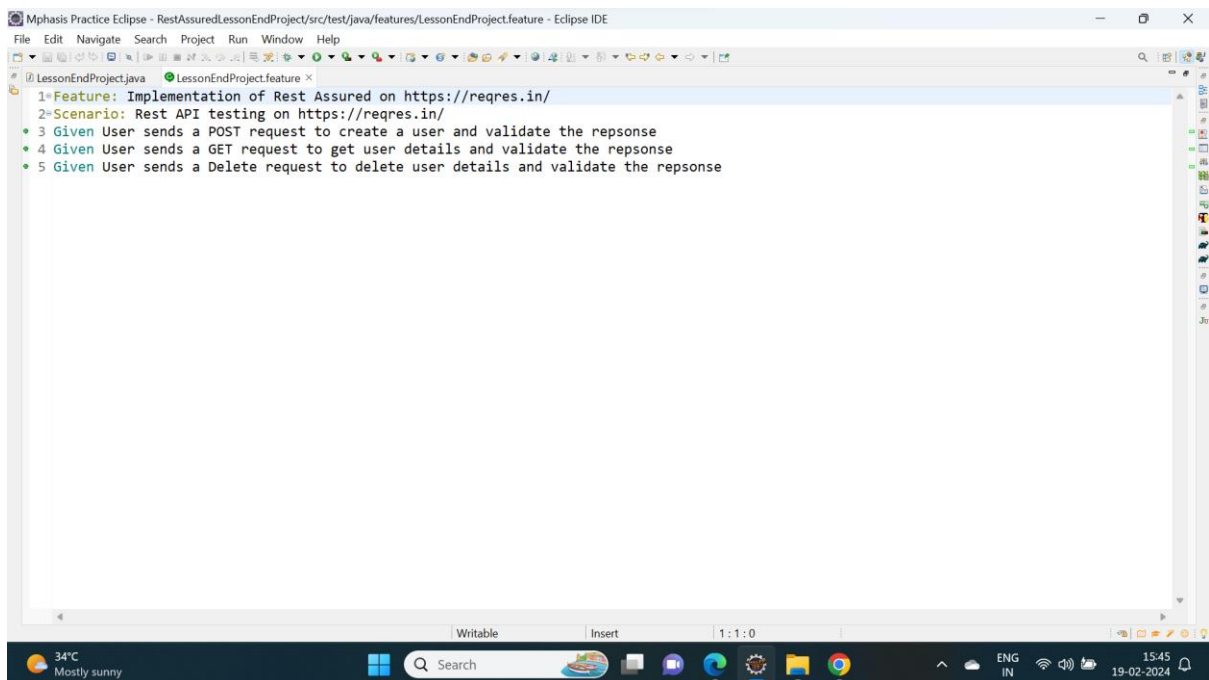
Step 3:

Add two packages features, steps and add a class and feature file.



Step 4:

Write feature file and LessonEndProject class.



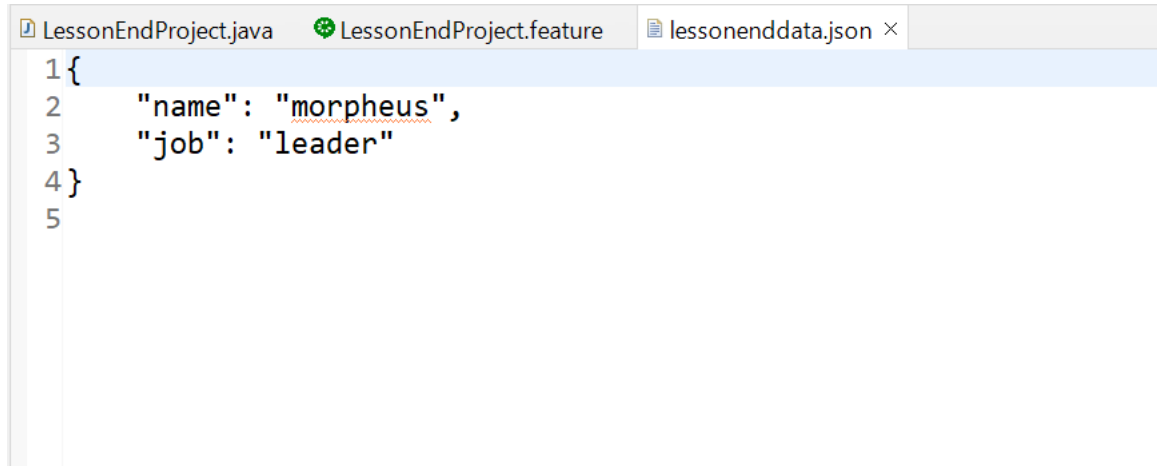
Phase-3 Practice Project-3

```
Mphasis Practice Eclipse - RestAssuredLessonEndProject/src/test/java/steps/LessonEndProject.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help
LessonEndProject.java
1 package steps;
2
3 import java.io.File;
4
5
6
7
8 public class LessonEndProject {
9     @Given("User sends a POST request to create a user and validate the response")
10    public void user_sends_a_post_request_to_create_a_user_and_validate_the_response() {
11
12        File file = new File("resources/lessonenddata.json");
13        given().baseUri("https://reqres.in")
14            .basePath("/api/users")
15            .contentType(ContentType.JSON)
16            .body(file)
17            .when().post()
18            .then().statusCode(201).log().all();
19
20    }
21
22    @Given("User sends a GET request to get user details and validate the response")
23    public void user_sends_a_get_request_to_get_user_details_and_validate_the_response() {
24
25        given().baseUri("https://reqres.in")
26            .basePath("/api/users/6")
27            .when().get()
28            .then().log().all();
29
30    }
31
32    @Given("User sends a Delete request to delete user details and validate the response")
33    public void user_sends_a_delete_request_to_delete_user_details_and_validate_the_response() {
34
35    }
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37 }
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Phase-3 Practice Project-3

Step 5:

Create a json file and write the code.

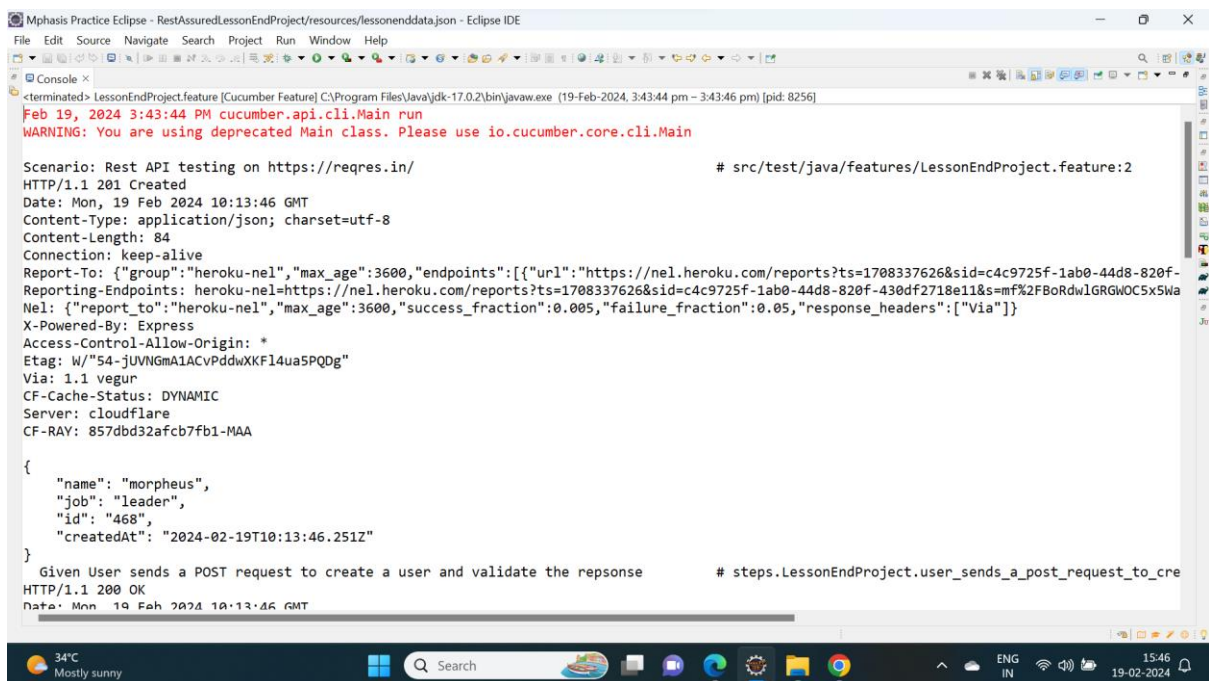


The screenshot shows the Eclipse IDE with three tabs: LessonEndProject.java, LessonEndProject.feature, and lessonenddata.json. The lessonenddata.json tab is active, displaying the following JSON code:

```
1{
2  "name": "morpheus",
3  "job": "leader"
4}
5
```

Step 6:

Run the Feature file and observe the output.



The screenshot shows the Eclipse IDE console with the output of running the LessonEndProject.feature file. The output includes a warning about a deprecated Main class, a scenario description, and a successful HTTP POST request to create a user and validate the response.

```
<terminated> LessonEndProject.feature [Cucumber Feature] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (19-Feb-2024, 3:43:44 pm - 3:43:46 pm) [pid: 8256]
Feb 19, 2024 3:43:44 PM cucumber.api.cli.Main run
WARNING: You are using deprecated Main class. Please use io.cucumber.core.cli.Main

Scenario: Rest API testing on https://reqres.in/ # src/test/java/features/LessonEndProject.feature:2
HTTP/1.1 201 Created
Date: Mon, 19 Feb 2024 10:13:46 GMT
Content-Type: application/json; charset=utf-8
Content-Length: 84
Connection: keep-alive
Report-To: {"group":"heroku-nel","max_age":3600,"endpoints":[{"url":"https://nel.heroku.com/reports?ts=1708337626&sid=c4c9725f-1ab0-44d8-820f-Reporting-Endpoints: heroku-nel=https://nel.heroku.com/reports?ts=1708337626&sid=c4c9725f-1ab0-44d8-820f-430df2718e11&s=mf%2FBoRdw1GRGWOC5x5Wa
Nel: {"report_to":"heroku-nel","max_age":3600,"success_fraction":0.005,"failure_fraction":0.05,"response_headers":["Via"]}
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W/"54-jUVNGmA1ACvPddwXKF14ua5PQDg"
Via: 1.1 vegur
CF-Cache-Status: DYNAMIC
Server: cloudflare
CF-RAY: 857dbd32afcb7fb1-MAA

{
  "name": "morpheus",
  "job": "leader",
  "id": "468",
  "createdAt": "2024-02-19T10:13:46.251Z"
}
Given User sends a POST request to create a user and validate the repsonse # steps.LessonEndProject.user_sends_a_post_request_to_cre
HTTP/1.1 200 OK
Date: Mon, 19 Feb 2024 10:13:46 GMT
```

Phase-3 Practice Project-3

```
Mphasis Practice Eclipse - RestAssuredLessonEndProject/resources/lessonenddata.json - Eclipse IDE
File Edit Source Navigate Search Project Run Window Help

<terminated> LessonEndProject.feature [Cucumber Feature] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (19-Feb-2024, 3:43:44 pm - 3:43:46 pm) [pid: 8256]
CF-RAY: 857dbd32afcb7fb1-MAA

{
  "name": "morpheus",
  "job": "leader",
  "id": "468",
  "createdAt": "2024-02-19T10:13:46.251Z"
}

Given User sends a POST request to create a user and validate the repsonse # steps.LessonEndProject.user_sends_a_post_request_to_cre
HTTP/1.1 200 OK
Date: Mon, 19 Feb 2024 10:13:46 GMT
Content-Type: application/json; charset=utf-8
Transfer-Encoding: chunked
Connection: keep-alive
Report-To: {"group":"heroku-nel","max_age":3600,"endpoints":[{"url":"https://nel.heroku.com/reports?ts=1707863707&sid=c4c9725f-1ab0-44d8-820f-
Reporting-Endpoints: heroku-nel=https://nel.heroku.com/reports?ts=1707863707&sid=c4c9725f-1ab0-44d8-820f-430df2718e11&s=rNjN4gI2m5t90kGpP0yvQC
Nel: {"report_to":"heroku-nel","max_age":3600,"success_fraction":0.005,"failure_fraction":0.05,"response_headers":["Via"]}
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W/"118-we7xcJocGnljhK3IAnwbs1F3VcQ"
Via: 1.1 vegur
Cache-Control: max-age=14400
CF-Cache-Status: HIT
Age: 6370
Vary: Accept-Encoding
Server: cloudflare
CF-RAY: 857dbd357d6f7faf-MAA
Content-Encoding: gzip
```

```
Mphasis Practice Eclipse - RestAssuredLessonEndProject/resources/lessonenddata.json - Eclipse IDE
File Edit Source Navigate Search Project Run Window Help

<terminated> LessonEndProject.feature [Cucumber Feature] C:\Program Files\Java\jdk-17.0.2\bin\javaw.exe (19-Feb-2024, 3:43:44 pm - 3:43:46 pm) [pid: 8256]

  "data": {
    "id": 6,
    "email": "tracey.ramos@reqres.in",
    "first_name": "Tracey",
    "last_name": "Ramos",
    "avatar": "https://reqres.in/img/faces/6-image.jpg"
  },
  "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 user details and validate the repsonse # steps.LessonEndProject.user_sends_a_get_request_to_get_
HTTP/1.1 204 No Content
Date: Mon, 19 Feb 2024 10:13:46 GMT
Content-Length: 0
Connection: keep-alive
Report-To: {"group":"heroku-nel","max_age":3600,"endpoints":[{"url":"https://nel.heroku.com/reports?ts=1708337626&sid=c4c9725f-1ab0-44d8-820f-
Reporting-Endpoints: heroku-nel=https://nel.heroku.com/reports?ts=1708337626&sid=c4c9725f-1ab0-44d8-820f-430df2718e11&s=mf%2FBoRdw1GRGWOC5x5Wa
Nel: {"report_to":"heroku-nel","max_age":3600,"success_fraction":0.005,"failure_fraction":0.05,"response_headers":["Via"]}
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W/"2-vyGp6PvFo4RvsFtPoIWeCReyIC8"
Via: 1.1 vegur
CF-Cache-Status: DYNAMIC
Server: cloudflare
CF-RAY: 857dbd35feeb7f84-MAA
Given User sends a Delete request to delete user details and validate the repsonse # steps.LessonEndProject.user_sends_a_delete_request_to_d
```

[illegible]