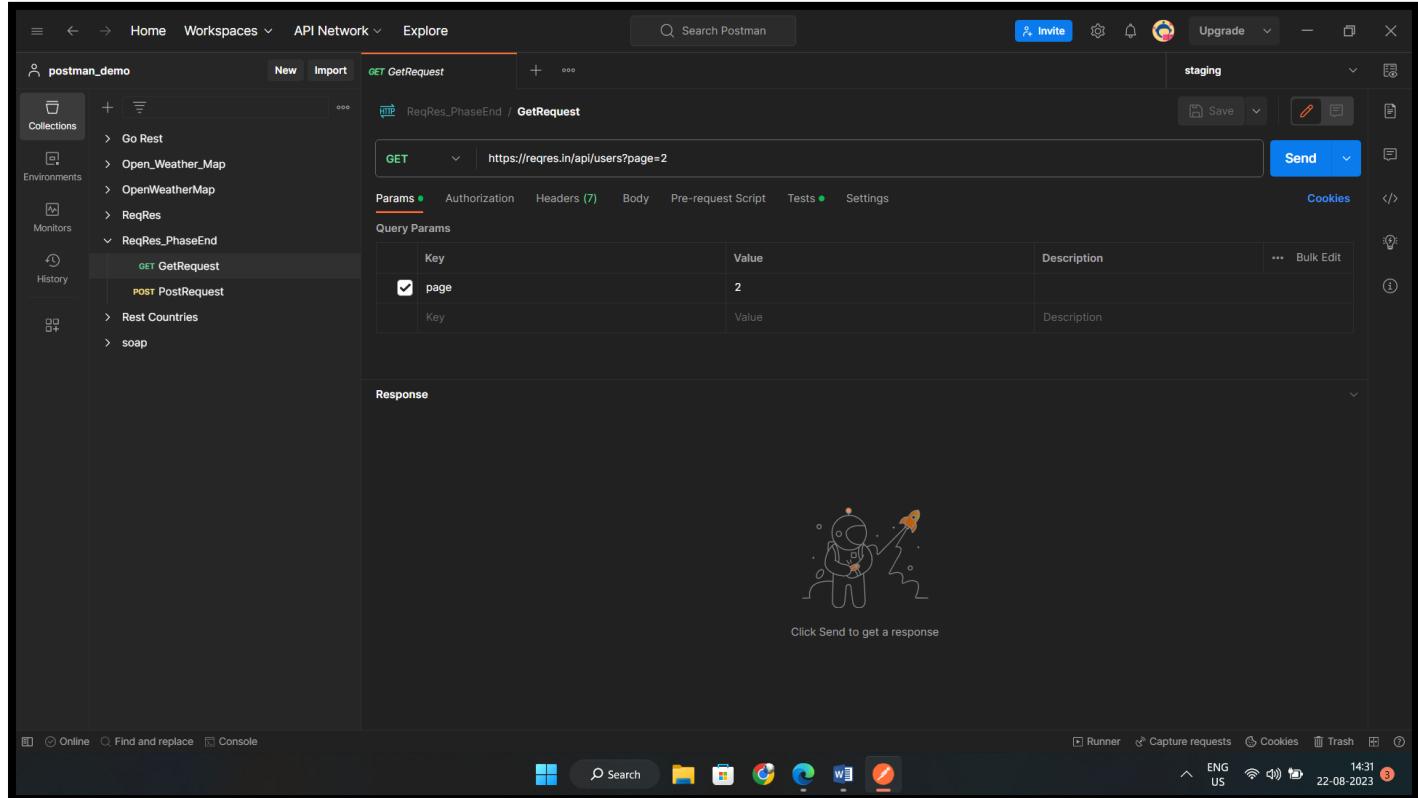


Course End Project:

Non-Functional Testing Using Postman, REST Assured, and JMeter

Screenshots:

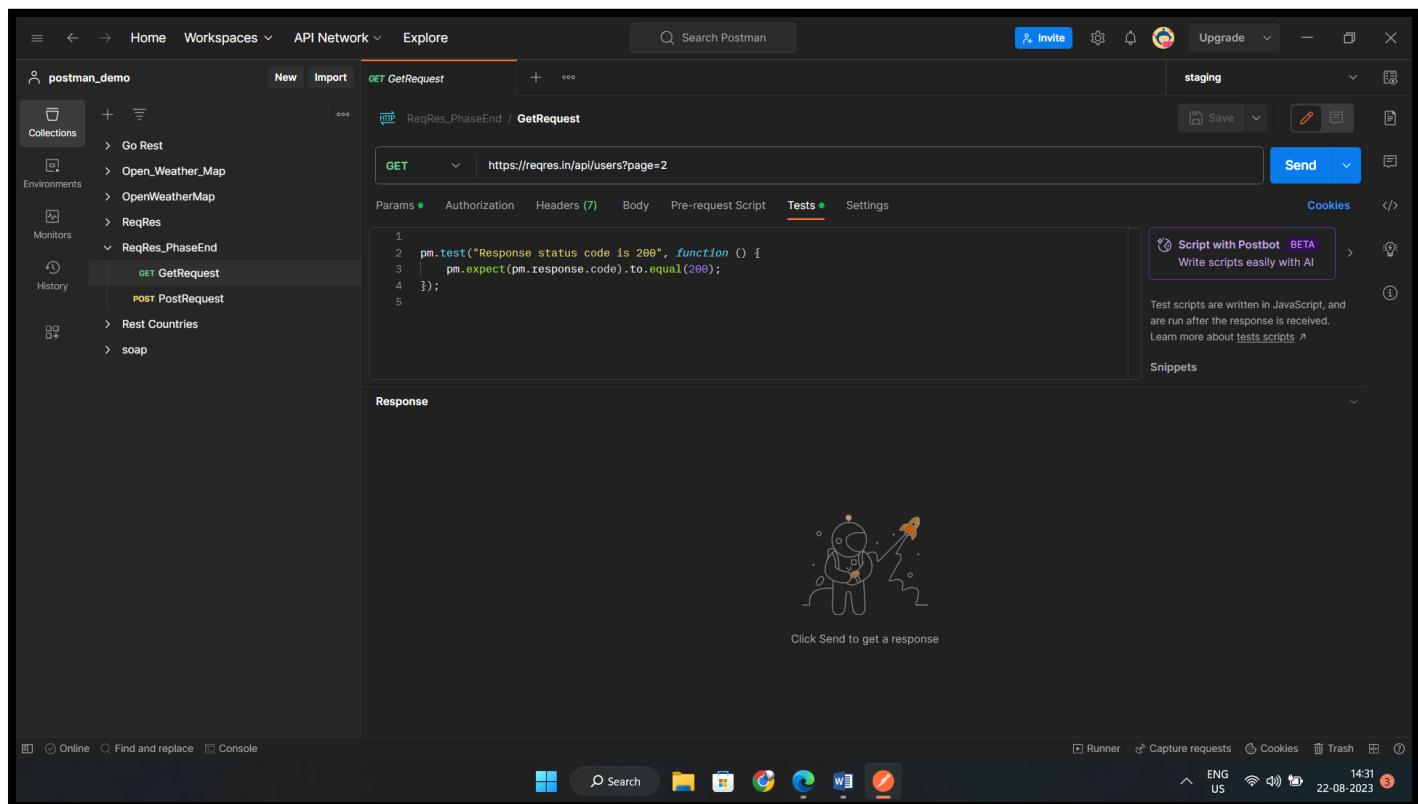
Postman:



The screenshot shows the Postman interface with a dark theme. On the left, the sidebar displays a collection named 'postman_demo' containing various requests and environments. The main workspace shows a 'GetRequest' for the URL <https://reqres.in/api/users?page=2>. The 'Params' tab is selected, showing a 'page' parameter with a value of 2. The 'Tests' tab is also selected, displaying the following JavaScript code:

```
1 pm.test("Response status code is 200", function () {  
2     pm.expect(pm.response.code).to.equal(200);  
3 });  
4 
```

Below the code, a message says 'Click Send to get a response' with a cartoon rocket ship icon. The bottom of the screen shows the Windows taskbar with various application icons.

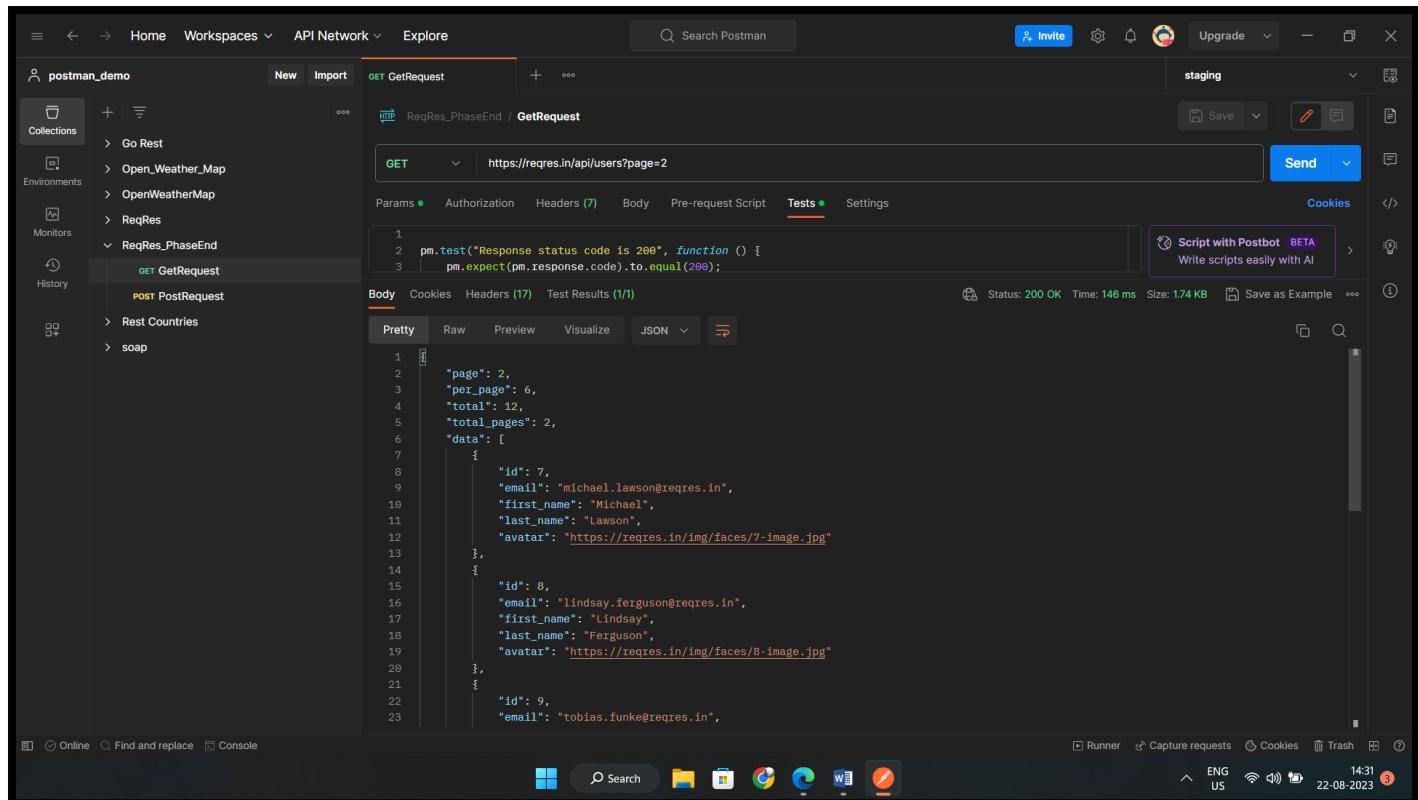


This screenshot is nearly identical to the previous one, showing the same Postman interface with the 'postman_demo' collection and the same GET request to <https://reqres.in/api/users?page=2>. The 'Tests' tab is selected, showing the same JavaScript code. On the right side of the workspace, there is a 'Script with Postbot' BETA snippet box with the following text:

Script with Postbot BETA
Write scripts easily with AI

Test scripts are written in JavaScript, and are run after the response is received.
Learn more about [tests scripts](#) ↗

The bottom of the screen shows the Windows taskbar with various application icons.



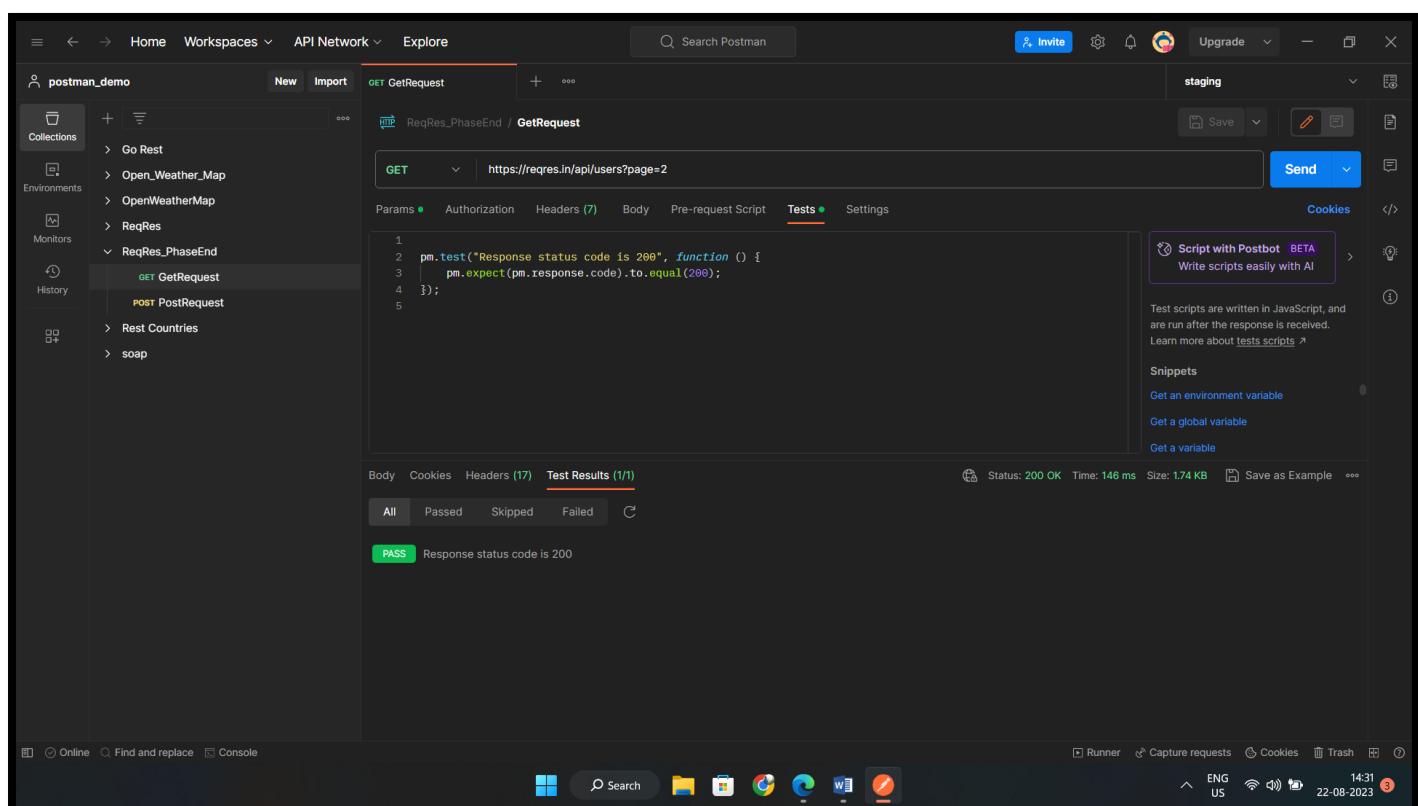
The screenshot shows the Postman application interface. On the left, the sidebar displays a collection named 'postman_demo' with various requests and environments. The main workspace shows a GET request to 'https://reqres.in/api/users?page=2'. The 'Tests' tab is selected, containing the following JavaScript code:

```
1 pm.test("Response status code is 200", function () {  
2     pm.expect(pm.response.code).to.equal(200);  
3 });  
4  
5
```

The response body is displayed in 'Pretty' format, showing a JSON array of users:

```
1  
2     "page": 2,  
3     "per_page": 6,  
4     "total": 12,  
5     "total_pages": 2,  
6     "data": [  
7         {  
8             "id": 7,  
9             "email": "michael.lawson@reqres.in",  
10            "first_name": "Michael",  
11            "last_name": "Lawson",  
12            "avatar": "https://reqres.in/img/faces/7-image.jpg"  
13        },  
14        {  
15            "id": 8,  
16            "email": "lindsay.ferguson@reqres.in",  
17            "first_name": "Lindsay",  
18            "last_name": "Ferguson",  
19            "avatar": "https://reqres.in/img/faces/8-image.jpg"  
20        },  
21        {  
22            "id": 9,  
23            "email": "tobias.funke@reqres.in",  
24        }  
25    ]  
26
```

The status bar at the bottom indicates: Status: 200 OK, Time: 146 ms, Size: 1.74 KB, Save as Example, and a timestamp of 14:31 22-08-2023.



The screenshot shows the Postman application interface. On the left, the sidebar displays a collection named 'postman_demo' with various requests and environments. The main workspace shows a GET request to 'https://reqres.in/api/users?page=2'. The 'Tests' tab is selected, containing the following JavaScript code:

```
1 pm.test("Response status code is 200", function () {  
2     pm.expect(pm.response.code).to.equal(200);  
3 });  
4  
5
```

The right side of the interface features a 'Script with Postbot' BETA section with the sub-instruction: 'Write scripts easily with AI'. Below this, a 'Test scripts' section is shown with the note: 'Test scripts are written in JavaScript, and are run after the response is received. Learn more about tests scripts.' A 'Snippets' section provides links to 'Get an environment variable', 'Get a global variable', and 'Get a variable'.

The response body is displayed in 'Pretty' format, showing a JSON array of users. The status bar at the bottom indicates: Status: 200 OK, Time: 146 ms, Size: 1.74 KB, Save as Example, and a timestamp of 14:31 22-08-2023.

Home Workspaces API Network Explore

postman_demo

Collections Environments Monitors History

ReqRes_PhaseEnd

POST PostRequest

ReqRes_PhaseEnd / PostRequest

POST https://reqres.in/api/users

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Query Params

Key	Value	Description
Key	Value	Description

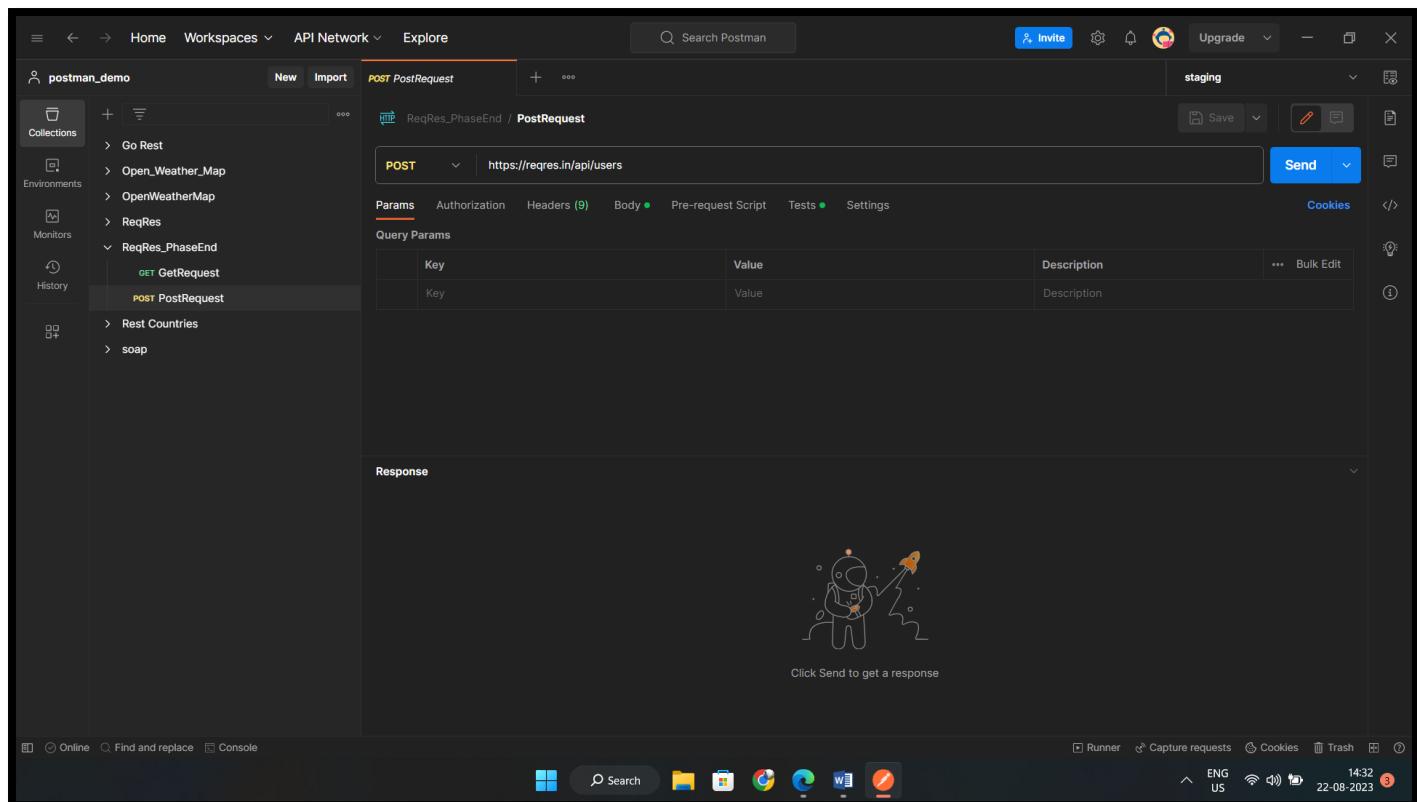
Response

Click Send to get a response

Online Find and replace Console

Runner Capture requests Cookies Trash

14:32 22-08-2023



Home Workspaces API Network Explore

postman_demo

Collections Environments Monitors History

ReqRes_PhaseEnd

POST PostRequest

ReqRes_PhaseEnd / PostRequest

POST https://reqres.in/api/users

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Body

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 ... "name": "morpheus",  
2 ... "job": "leader"  
3  
4
```

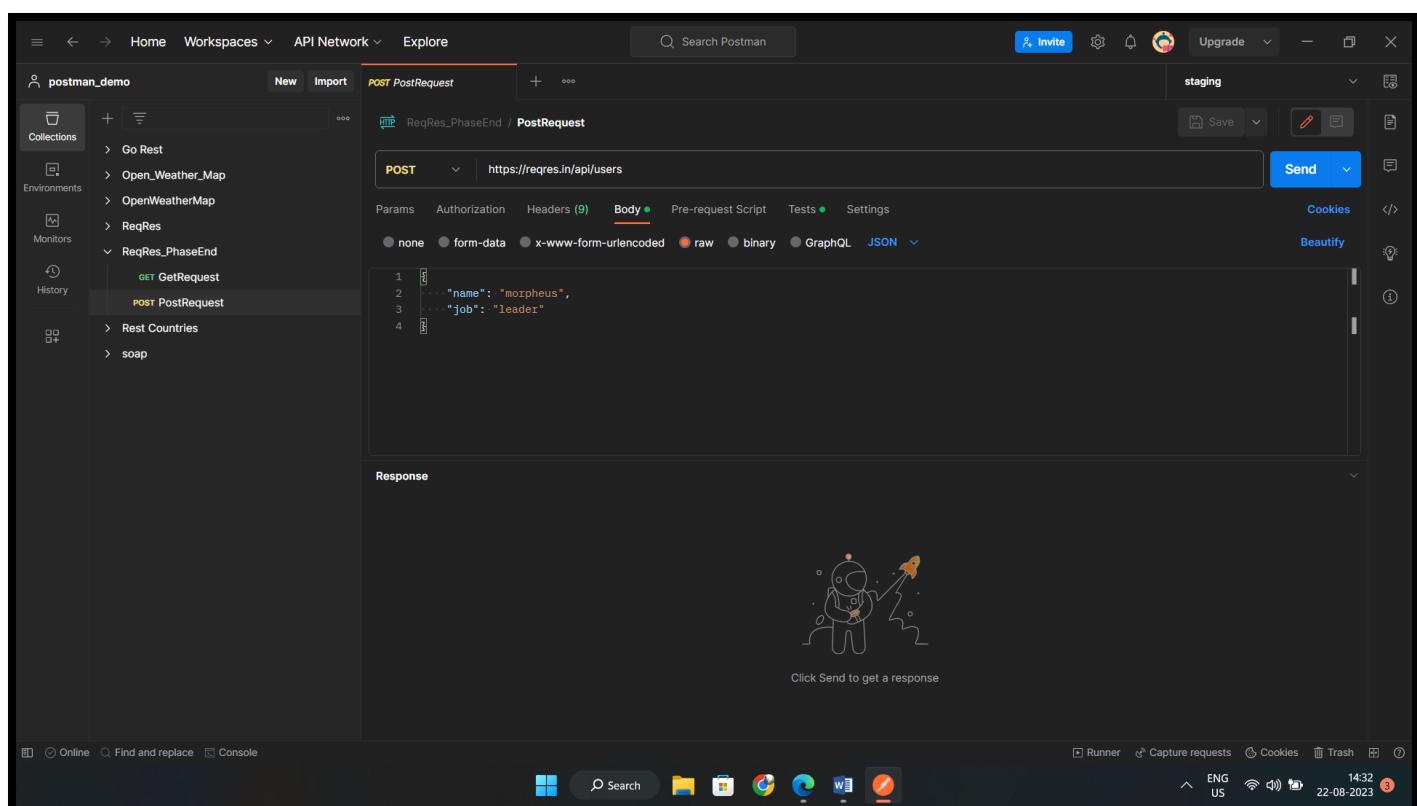
Response

Click Send to get a response

Online Find and replace Console

Runner Capture requests Cookies Trash

14:32 22-08-2023



Home Workspaces API Network Explore

postman_demo New Import POST PostRequest

ReqRes_PhaseEnd / PostRequest

POST https://reqres.in/api/users

Params Authorization Headers (9) Body Pre-request Script Tests Settings

```
1 pm.test("Response status code is 201", function () {
2     pm.response.to.have.status(201);
3 });
4 });
5
6
7 pm.test("Response has required fields", function () {
8     const responseData = pm.response.json();
9
10    pm.expect(responseData).to.be.an('object');
11    pm.expect(responseData.name).to.exist.and.to.be.a('string');
12    pm.expect(responseData.job).to.exist.and.to.be.a('string');
13    pm.expect(responseData.id).to.exist.and.to.be.a('string');
14    pm.expect(responseData.createdAt).to.exist.and.to.be.a('string');
15 });
16
17
18 pm.test("Name is a non-empty string", function () {
19
20 });
21
22
23
24
25 pm.test("Job is a non-empty string", function () {
26     const responseData = pm.response.json();
27
28     pm.expect(responseData.job).to.be.a('string').and.to.have.lengthOf.at.least(1, "Job should not be empty");
29 });
30
31
32 pm.test("Id is a non-empty string", function () {
33     const responseData = pm.response.json();
34
35     pm.expect(responseData.id).to.be.a('string').and.to.have.lengthOf.at.least(1, "Id should not be empty");
36 });
37
38
```

Script with Postbot BETA Write scripts easily with AI

Snippets

- Get an environment variable
- Get a global variable
- Get a variable
- Get a collection variable
- Set an environment variable
- Set a global variable

Response

Click Send to get a response

Online Find and replace Console

Runner Capture requests Cookies Trash

14:32 22-08-2023

Home Workspaces API Network Explore

postman_demo New Import POST PostRequest

ReqRes_PhaseEnd / PostRequest

POST https://reqres.in/api/users

Params Authorization Headers (9) Body Pre-request Script Tests Settings

```
23
24
25 pm.test("Job is a non-empty string", function () {
26     const responseData = pm.response.json();
27
28     pm.expect(responseData.job).to.be.a('string').and.to.have.lengthOf.at.least(1, "Job should not be empty");
29 });
30
31
32 pm.test("Id is a non-empty string", function () {
33     const responseData = pm.response.json();
34
35     pm.expect(responseData.id).to.be.a('string').and.to.have.lengthOf.at.least(1, "Id should not be empty");
36 });
37
38
```

Script with Postbot BETA Write scripts easily with AI

Snippets

- Get an environment variable
- Get a global variable
- Get a variable
- Get a collection variable
- Set an environment variable
- Set a global variable

Response

Click Send to get a response

Online Find and replace Console

Runner Capture requests Cookies Trash

14:32 22-08-2023

Home Workspaces API Network Explore

postman_demo New Import

staging

ReqRes_PhaseEnd / PostRequest

POST https://reqres.in/api/users

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Headers 9 hidden

Key	Value	Description	Bulk Edit	Presets
Key	Value	Description	Description	

Body Cookies Headers (13) Test Results (5/5)

Pretty Raw Preview Visualize JSON

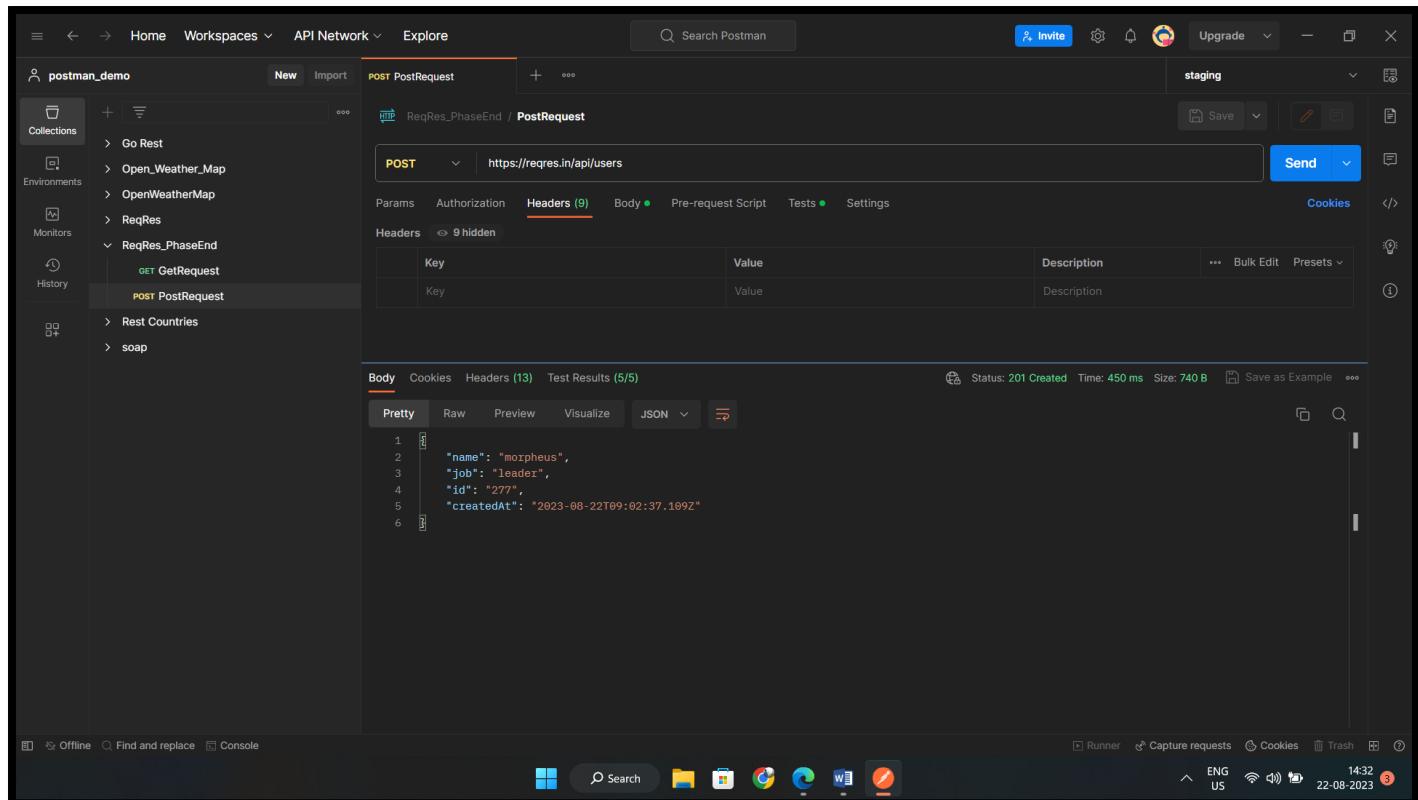
```
1
2   "name": "morpheus",
3   "job": "leader",
4   "id": "277",
5   "createdAt": "2023-08-22T09:02:37.109Z"
```

Status: 201 Created Time: 450 ms Size: 740 B Save as Example

Runner Capture requests Cookies Trash

Find and replace Console

14:32 22-08-2023



Home Workspaces API Network Explore

postman_demo New Import

staging

ReqRes_PhaseEnd / PostRequest

POST https://reqres.in/api/users

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Headers 9 hidden

Key	Value	Description	Bulk Edit	Presets
Key	Value	Description	Description	

Body Cookies Headers (13) Test Results (5/5)

All Passed Skipped Failed

PASS Response status code is 201

PASS Response has required fields

PASS Name is a non-empty string

PASS Job is a non-empty string

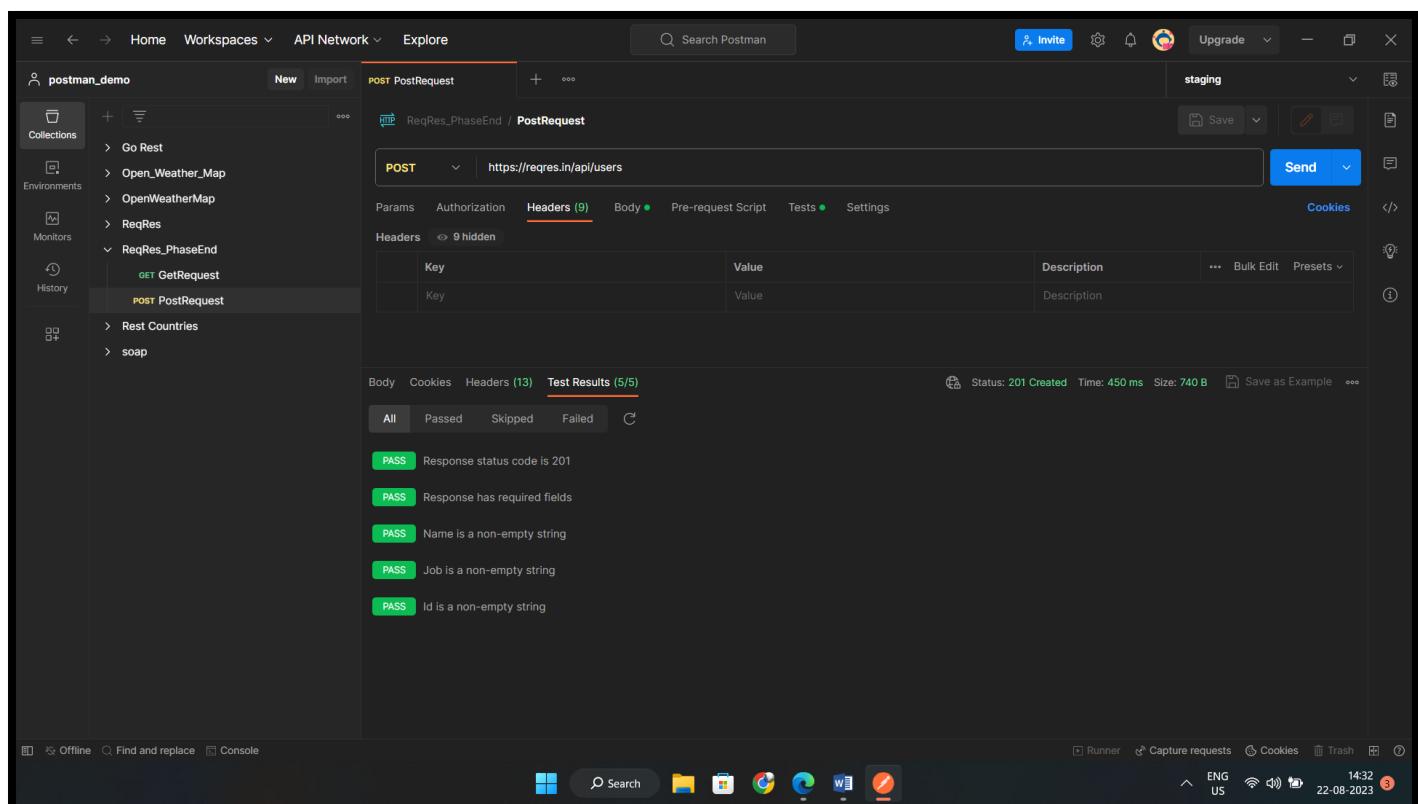
PASS Id is a non-empty string

Status: 201 Created Time: 450 ms Size: 740 B Save as Example

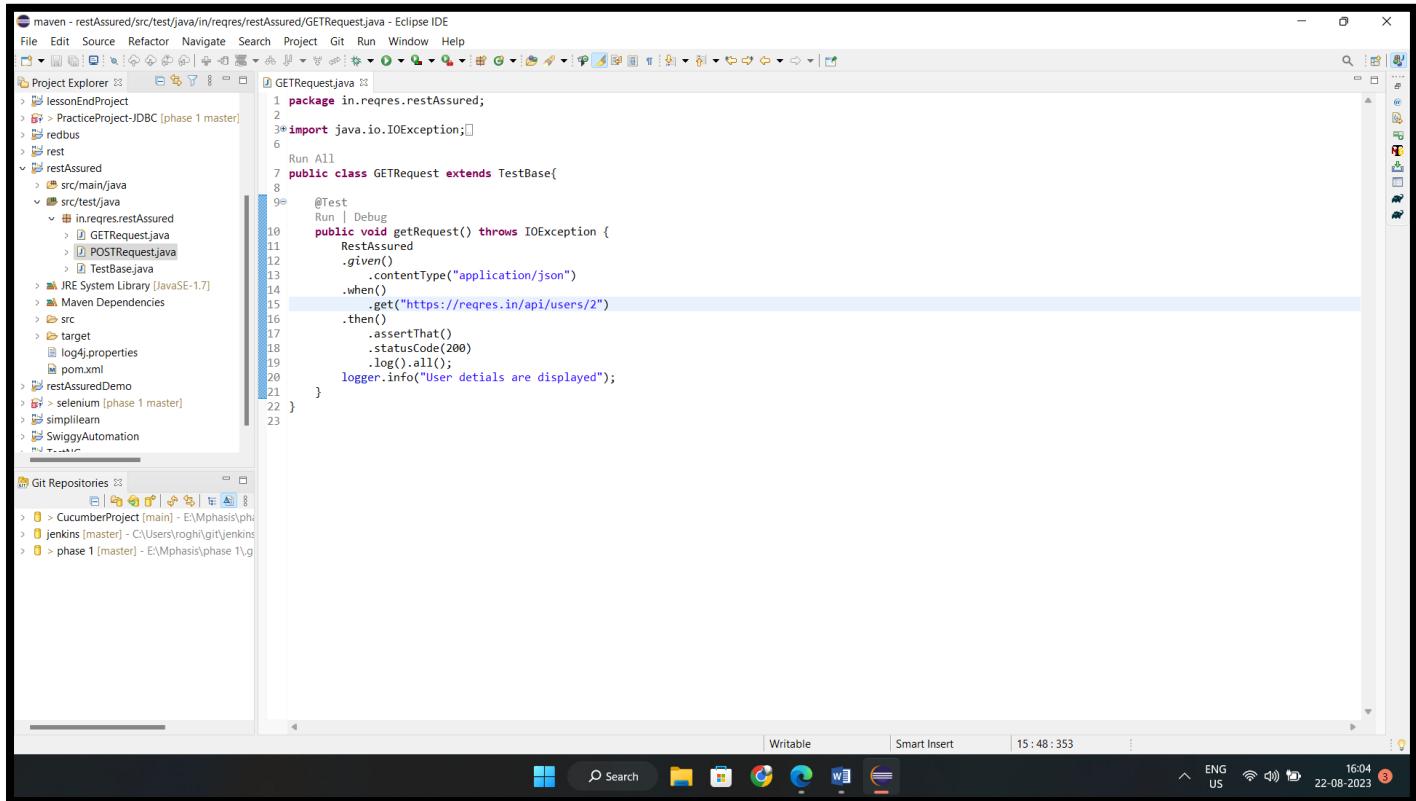
Runner Capture requests Cookies Trash

Find and replace Console

14:32 22-08-2023



REST Assured:



File Edit Source Refactor Navigate Project Git Run Window Help

Project Explorer

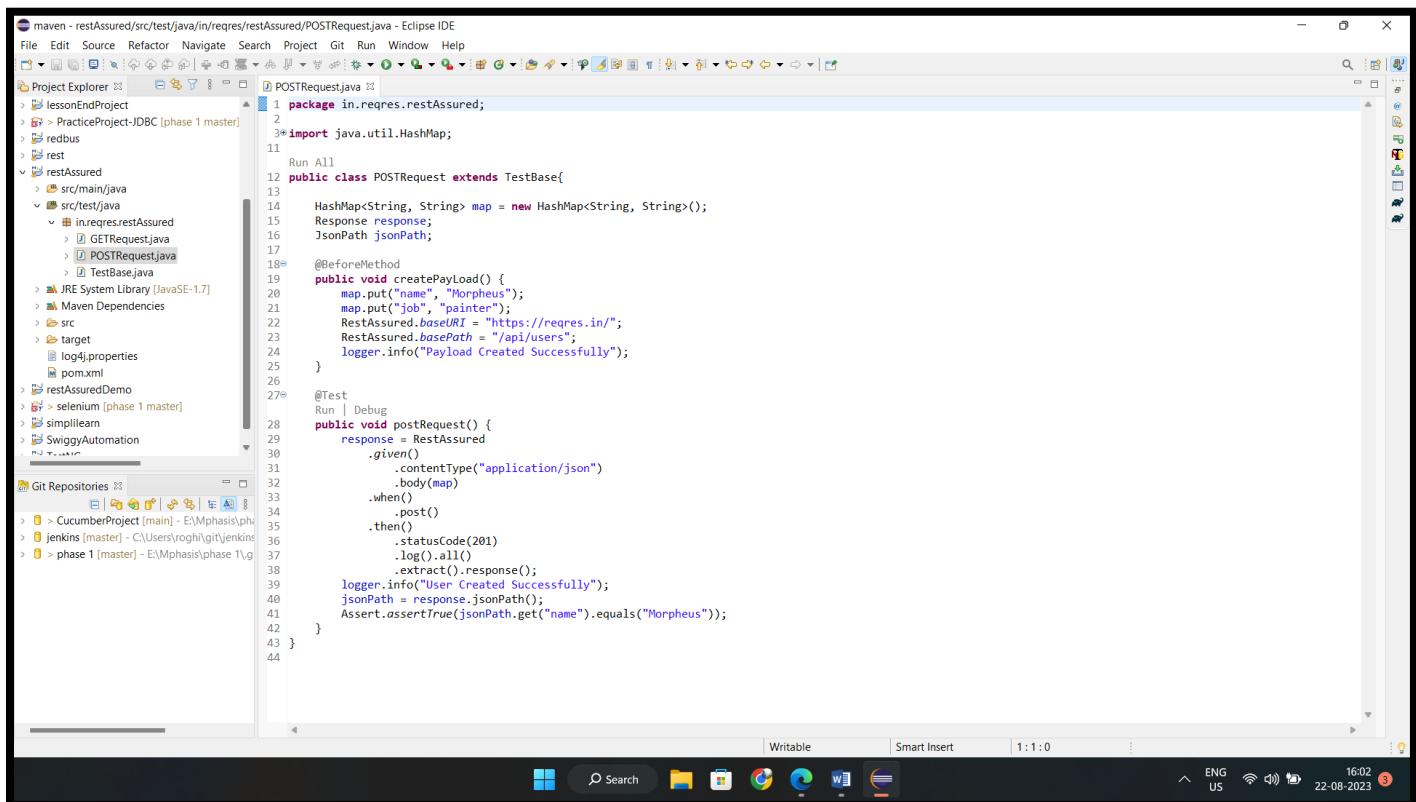
src/test/java/in/reqres/restAssured/GETRequest.java

```
1 package in.reqres.restAssured;
2
3 import java.io.IOException;
4
5 Run All
6
7 public class GETRequest extends TestBase{
8
9 @Test
10 public void getRequest() throws IOException {
11     RestAssured
12         .given()
13             .contentType("application/json")
14         .when()
15             .get("https://reqres.in/api/users/2")
16         .then()
17             .assertThat()
18                 .statusCode(200)
19                 .log().all();
20             logger.info("User details are displayed");
21 }
22 }
```

Git Repositories

src/test/java/in/reqres/restAssured/POSTRequest.java

```
1 package in.reqres.restAssured;
2
3 import java.util.HashMap;
4
5 Run All
6
7 public class POSTRequest extends TestBase{
8
9     HashMap<String, String> map = new HashMap<String, String>();
10
11     Response response;
12     JsonPath jsonPath;
13
14     @BeforeMethod
15     public void createPayLoad() {
16         map.put("name", "Morpheus");
17         map.put("job", "painter");
18         RestAssured.baseURI = "https://reqres.in/";
19         RestAssuredbasePath = "/api/users";
20         logger.info("Payload Created Successfully");
21     }
22
23     @Test
24     public void postRequest() {
25         response = RestAssured
26             .given()
27                 .contentType("application/json")
28                 .body(map)
29             .when()
30                 .post()
31                 .then()
32                     .statusCode(201)
33                     .log().all()
34                     .extract().response();
35             logger.info("User Created Successfully");
36             jsonPath = response.jsonPath();
37             Assert.assertTrue(jsonPath.get("name").equals("Morpheus"));
38     }
39 }
```



File Edit Source Refactor Navigate Project Git Run Window Help

Project Explorer

src/test/java/in/reqres/restAssured/POSTRequest.java

```
1 package in.reqres.restAssured;
2
3 import java.util.HashMap;
4
5 Run All
6
7 public class POSTRequest extends TestBase{
8
9     HashMap<String, String> map = new HashMap<String, String>();
10
11     Response response;
12     JsonPath jsonPath;
13
14     @BeforeMethod
15     public void createPayLoad() {
16         map.put("name", "Morpheus");
17         map.put("job", "painter");
18         RestAssured.baseURI = "https://reqres.in/";
19         RestAssuredbasePath = "/api/users";
20         logger.info("Payload Created Successfully");
21     }
22
23     @Test
24     public void postRequest() {
25         response = RestAssured
26             .given()
27                 .contentType("application/json")
28                 .body(map)
29             .when()
30                 .post()
31                 .then()
32                     .statusCode(201)
33                     .log().all()
34                     .extract().response();
35             logger.info("User Created Successfully");
36             jsonPath = response.jsonPath();
37             Assert.assertTrue(jsonPath.get("name").equals("Morpheus"));
38     }
39 }
```



maven - restAssured/src/test/java/in/reqres/testAssured/TestBase.java - Eclipse IDE

File Edit Source Refactor Search Project Git Run Window Help

Project Explorer

- lessonEndProject
- PracticeProject-JDBC [phase 1 master]
- redbus
- rest
- restAssured
 - src/main/java
 - src/test/java
 - in/reqres/testAssured
 - GETRequest.java
 - POSTRequest.java
 - TestBase.java
- JRE System Library [JavaSE-1.7]
- Maven Dependencies
- src
- target
- log4j.properties
- pom.xml

restAssuredDemo

selenium [phase 1 master]

simplilearn

SwiggyAutomation

Git Repositories

- CucumberProject [main] - E:\Mphasis\phase 1\g
- jenkins [master] - C:\Users\yoghi\git\jenkins
- phase 1 [master] - E:\Mphasis\phase 1\g

TestBase.java

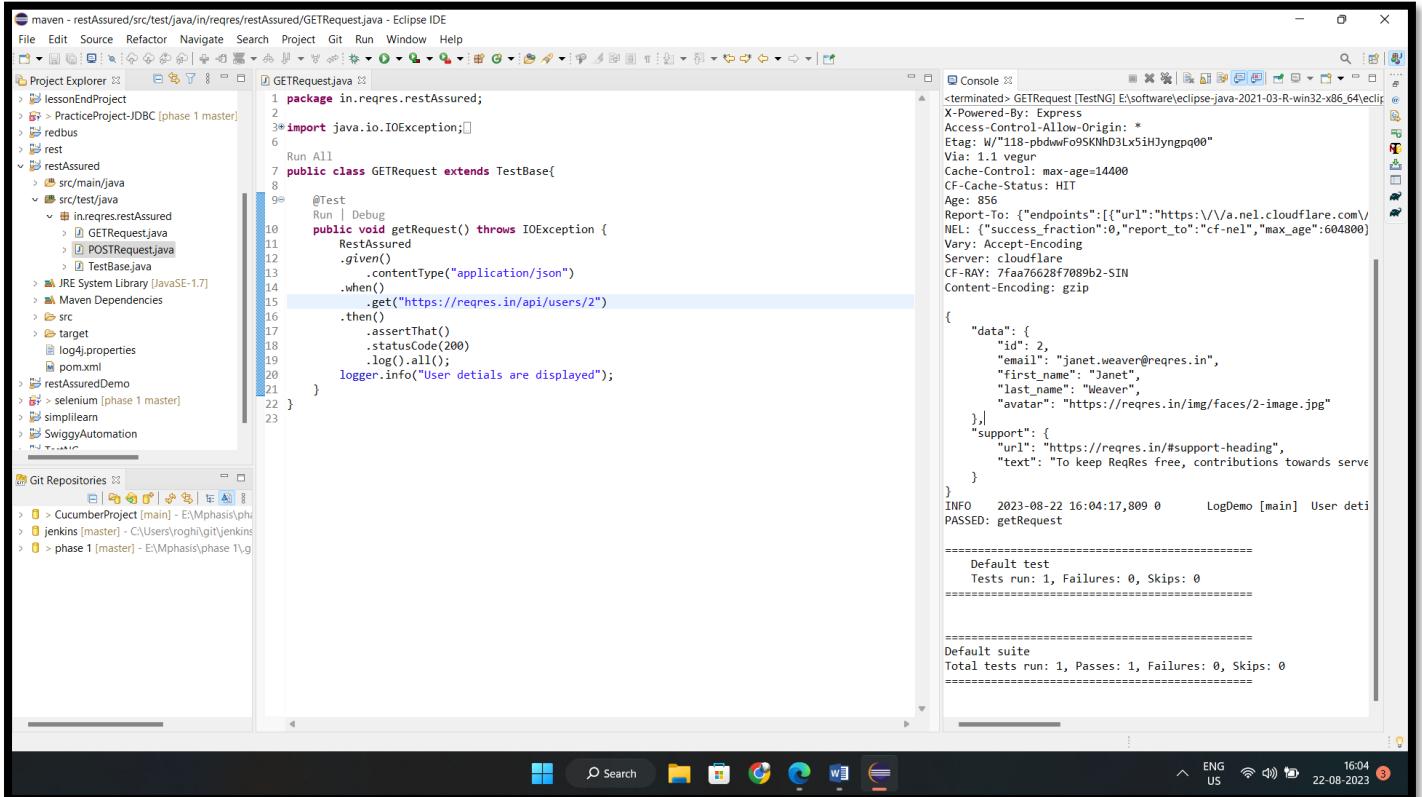
```
1 package in.reqres.restAssured;
2
3
4* import org.apache.log4j.Level;
5
6 public class TestBase {
7
8     public static RequestSpecification httpRequest;
9     public static Response response;
10    public Logger logger;
11
12    @BeforeClass
13    public void setUp() {
14        logger = Logger.getLogger("LogDemo");
15        PropertyConfigurator.configure("log4j.properties");
16        logger.setLevel(Level.DEBUG);
17    }
18
19 }
```

The screenshot shows the Eclipse IDE interface with the following details:

- Project Explorer:** Displays the project structure. The `restAssured` project is expanded, showing its subfolders and files. The `log4j.properties` file is selected and shown in the editor.
- Editor:** The content of the `log4j.properties` file is displayed:

```
1 log4j.rootLogger=ERROR,stdout
2 log4j.logger.com.endeca=INFO
3 log4j.logger.LogDemo=DEBUG, dest1
4# Logger for crawl metrics
5 log4j.logger.com.endeca.itl.web.metrics=INFO
6 log4j.appender.stdout=org.apache.log4j.ConsoleAppender
7 log4j.appender.stdout.layout=org.apache.log4j.PatternLayout
8 log4j.appender.stdout.layout.ConversionPattern=%p %d{ISO8601} %r %c %t%n
```
- Git Repositories:** Shows three tracked repositories:
 - `CucumberProject` (main branch, E:\Mphasis\phase\1)
 - `jenkins` (master branch, C:\Users\yoghi\git\jenkins)
 - `phase 1` (master branch, E:\Mphasis\phase\1)
- Bottom Bar:** Includes icons for Windows, Search, Task View, Task List, Insert, and a status bar showing "1:1:0".
- System Tray:** Shows icons for ENG US, WiFi, battery, and the date (22-08-2023).

Output:



Project Explorer

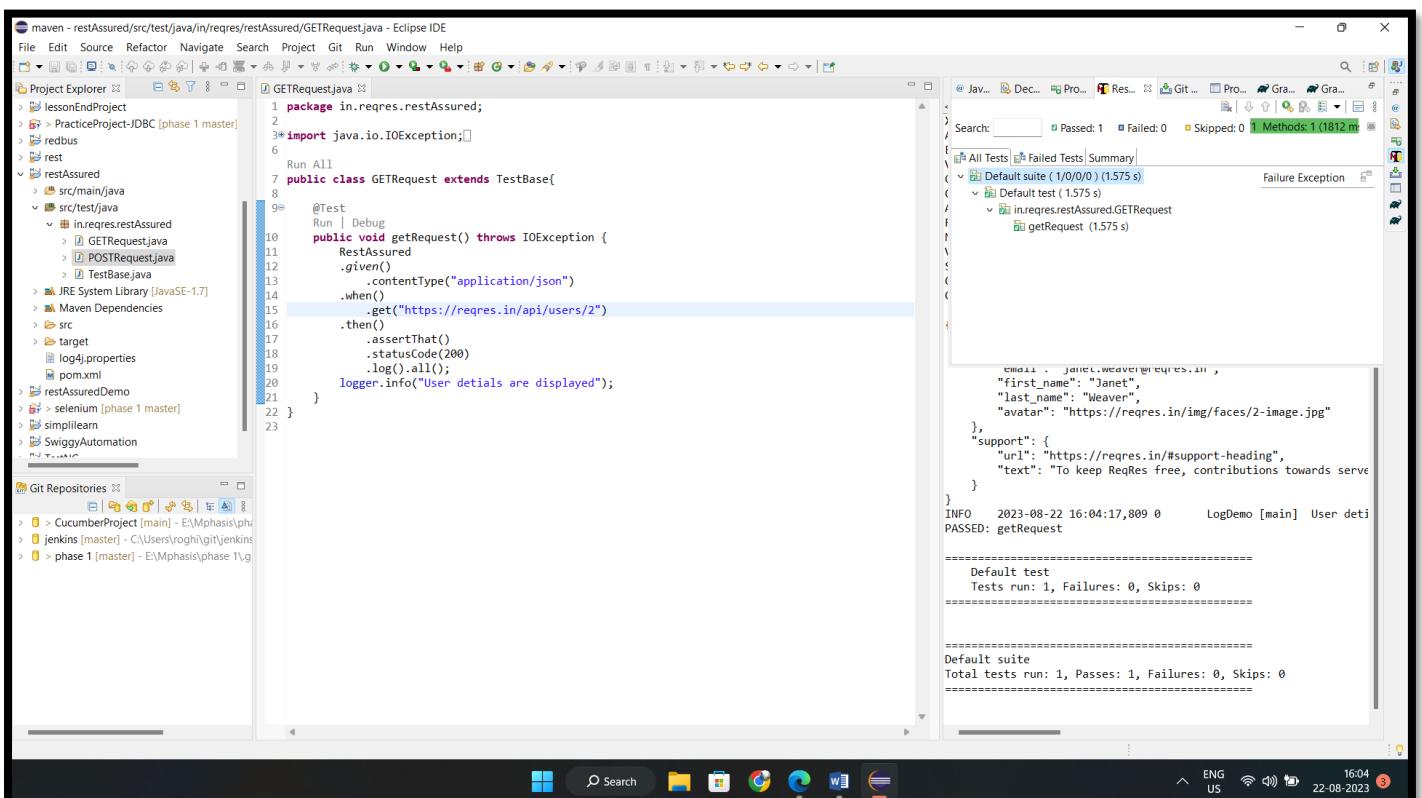
```
1 package in.reqres.restAssured;
2
3 import java.io.IOException;
4
5 Run All
6
7 public class GETRequest extends TestBase{
8
9     @Test
10    public void getRequest() throws IOException {
11        RestAssured
12            .given()
13                .contentType("application/json")
14                .when()
15                    .get("https://reqres.in/api/users/2")
16                .then()
17                    .assertThat()
18                        .statusCode(200)
19                        .log().all();
20                logger.info("User details are displayed");
21
22    }
23
```

Console

```
<terminated> GETRequest [TestNG] E:\software\ecclipse-ja... - 16:04 22-08-2023
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W/"118-pb...095KNhD3Lx5iH3yngpq00"
Via: 1.1 vegur
Cache-Control: max-age=14400
CF-Cache-Status: HIT
Age: 856
Report-To: {"endpoints":[{"url": "https://v.a...nel.cloudflare.com"}, {"success_fraction": 0, "report_to": "cf-nel", "max_age": 604800}], "group": "cf-nel", "max_age": 604800}
Vary: Accept-Encoding
Server: cloudflare
CF-RAY: 7faa76628f089b2-SIN
Content-Encoding: gzip

{
    "data": {
        "id": 2,
        "email": "janet.weaver@reqres.in",
        "first_name": "Janet",
        "last_name": "Weaver",
        "avatar": "https://reqres.in/img/faces/2-image.jpg"
    },
    "support": {
        "url": "https://reqres.in/#support-heading",
        "text": "To keep ReqRes free, contributions towards server costs are appreciated!"
    }
}
INFO 2023-08-22 16:04:17,809 0 LogDemo [main] User details displayed
PASSED: getRequest
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```



Project Explorer

```
1 package in.reqres.restAssured;
2
3 import java.io.IOException;
4
5 Run All
6
7 public class GETRequest extends TestBase{
8
9     @Test
10    public void getRequest() throws IOException {
11        RestAssured
12            .given()
13                .contentType("application/json")
14                .when()
15                    .get("https://reqres.in/api/users/2")
16                .then()
17                    .assertThat()
18                        .statusCode(200)
19                        .log().all();
20                logger.info("User details are displayed");
21
22    }
23
```

JUnit Test View

```
Search: Passed: 1 Failed: 0 Skipped: 0 1 Methods: 1 (1812 ms)
All Tests | Failed Tests | Summary
Default suite (1/0/0) (1.575 s)
Default test (1.575 s)
in.reqres.restAssured.GETRequest
    getRequest (1.575 s)
=====
email: janet.weaver@reqres.in,
first_name: Janet,
last_name: Weaver,
avatar: https://reqres.in/img/faces/2-image.jpg
},
support: {
    url: "https://reqres.in/#support-heading",
    text: "To keep ReqRes free, contributions towards server costs are appreciated!"
}
INFO 2023-08-22 16:04:17,809 0 LogDemo [main] User details displayed
PASSED: getRequest
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====

Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

maven - restAssured/src/test/java/in/reques/restAssured/POSTRequest.java - Eclipse IDE

File Edit Source Refactor Navigate Project Git Run Window Help

Project Explorer

- lessonEndProject
- PracticeProject-JDBC [phase 1 master]
- restbus
- rest
- restAssured
 - src/main/java
 - src/test/java
 - in.reques.restAssured
 - GETRequest.java
 - POSTRequest.java
 - TestBase.java
 - JRE System Library [JavaSE-1.7]
 - Maven Dependencies
 - src
 - target
 - log4j.properties
 - pom.xml
- restAssuredDemo
- selenium [phase 1 master]
- simplilearn
- SwiggyAutomation

Git Repositories

- CucumberProject [main] - E:\Mphasis\phase1\phase1\src\main\java\in\reques\restAssured\POSTRequest.java
- jenkins [master] - C:\Users\yogh\git\jenkins
- phase 1 [master] - E:\Mphasis\phase1\phase1\src\main\java\in\reques\restAssured\POSTRequest.java

POSTRequest.java

```
1 package in.reques.restAssured;
2
3*import java.util.HashMap;
11
12 public class POSTRequest extends TestBase{
13
14     HashMap<String, String> map = new HashMap<String, String>();
15     Response response;
16     JsonPath jsonPath;
17
18@ BeforeMethod
19 public void createPayLoad() {
20     map.put("name", "Morpheus");
21     map.put("job", "painter");
22     RestAssured.baseURI = "https://reques.in/";
23     RestAssured.basePath = "/api/users";
24     logger.info("Payload Created Successfully");
25 }
26
27@ Test
28 Run | Debug
29 public void postRequest() {
30     response = RestAssured
31         .given()
32             .contentType("application/json")
33             .body(map)
34         .when()
35             .post()
36         .then()
37             .statusCode(201)
38             .log().all()
39             .extract().response();
40     logger.info("User Created Successfully");
41     jsonPath = response.jsonPath();
42     Assert.assertTrue(jsonPath.get("name").equals("Morpheus"));
43 }
44 }
```

Console

```
<terminated> POSTRequest [TestNG] E:\software\eclipse-java-2021-03-R-win32-x86_64\bin\java -jar C:\Users\yogh\git\jenkins\phase 1\src\main\java\in\reques\restAssured\POSTRequest.java
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.codehaus.groovy.reflect.CachedMethod
WARNING: Please consider reporting this to the maintainers of org.codehaus.groovy.reflect.CachedMethod
WARNING: Use --illegal-access=warn to enable warnings of further
WARNING: All illegal access operations will be denied in a future
INFO 2023-08-22 16:04:40,356 0 LogDemo [main] Payload Created
HTTP/1.1 201 Created
Date: Tue, 22 Aug 2023 10:34:41 GMT
Content-Type: application/json; charset=utf-8
Content-Length: 85
Connection: keep-alive
X-Powered-By: Express
Access-Control-Allow-Origin: *
Etag: W/"55-XEdTV21Tuw/m0e6odFunTSet30c"
Via: 1.1 vegur
CF-Cache-Status: DYNAMIC
Report-To: [{"endpoints": [{"url": "https://v.a.net.cloudflare.com/v1/nel": {"success_fraction": 0, "report_to": "cf-nel", "max_age": 604800}}]}
Server: cloudflare
CF-RAY: 7faa76f89b6c89b2-SIN

{
    "name": "Morpheus",
    "job": "painter",
    "id": "345",
    "createdAt": "2023-08-22T10:34:41.651Z"
}
INFO 2023-08-22 16:04:42,207 1851 LogDemo [main] User Created
PASSED: postRequest
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====
```

16:04
ENG US 22-08-2023

maven - restAssured/src/test/java/in/reques/restAssured/POSTRequest.java - Eclipse IDE

File Edit Source Refactor Navigate Project Git Run Window Help

Project Explorer

- lessonEndProject
- PracticeProject-JDBC [phase 1 master]
- restbus
- rest
- restAssured
 - src/main/java
 - src/test/java
 - in.reques.restAssured
 - GETRequest.java
 - POSTRequest.java
 - TestBase.java
 - JRE System Library [JavaSE-1.7]
 - Maven Dependencies
 - src
 - target
 - log4j.properties
 - pom.xml
 - restAssuredDemo
 - selenium [phase 1 master]
 - simplilearn
 - SwiggyAutomation

Git Repositories

 - CucumberProject [main] - E:\Mphasis\phase1\phase1\src\main\java\in\reques\restAssured\POSTRequest.java
 - jenkins [master] - C:\Users\yogh\git\jenkins
 - phase 1 [master] - E:\Mphasis\phase1\phase1\src\main\java\in\reques\restAssured\POSTRequest.java

POSTRequest.java

```
1 package in.reques.restAssured;
2
3*import java.util.HashMap;
11
12 public class POSTRequest extends TestBase{
13
14     HashMap<String, String> map = new HashMap<String, String>();
15     Response response;
16     JsonPath jsonPath;
17
18@ BeforeMethod
19 public void createPayLoad() {
20     map.put("name", "Morpheus");
21     map.put("job", "painter");
22     RestAssured.baseURI = "https://reques.in/";
23     RestAssured.basePath = "/api/users";
24     logger.info("Payload Created Successfully");
25 }
26
27@ Test
28 Run | Debug
29 public void postRequest() {
30     response = RestAssured
31         .given()
32             .contentType("application/json")
33             .body(map)
34         .when()
35             .post()
36         .then()
37             .statusCode(201)
38             .log().all()
39             .extract().response();
40     logger.info("User Created Successfully");
41     jsonPath = response.jsonPath();
42     Assert.assertTrue(jsonPath.get("name").equals("Morpheus"));
43 }
44 }
```

Java... Doc... Proj... Res... Git... Pro... Gra... Gra...

Search: Passed: 1 Failed: 0 Skipped: 0 1 Methods: 1 (2562 ms)

All Tests | Failed Tests | Summary

Default suite (1/0/0) (2.086 s)

Default test (2.086 s)

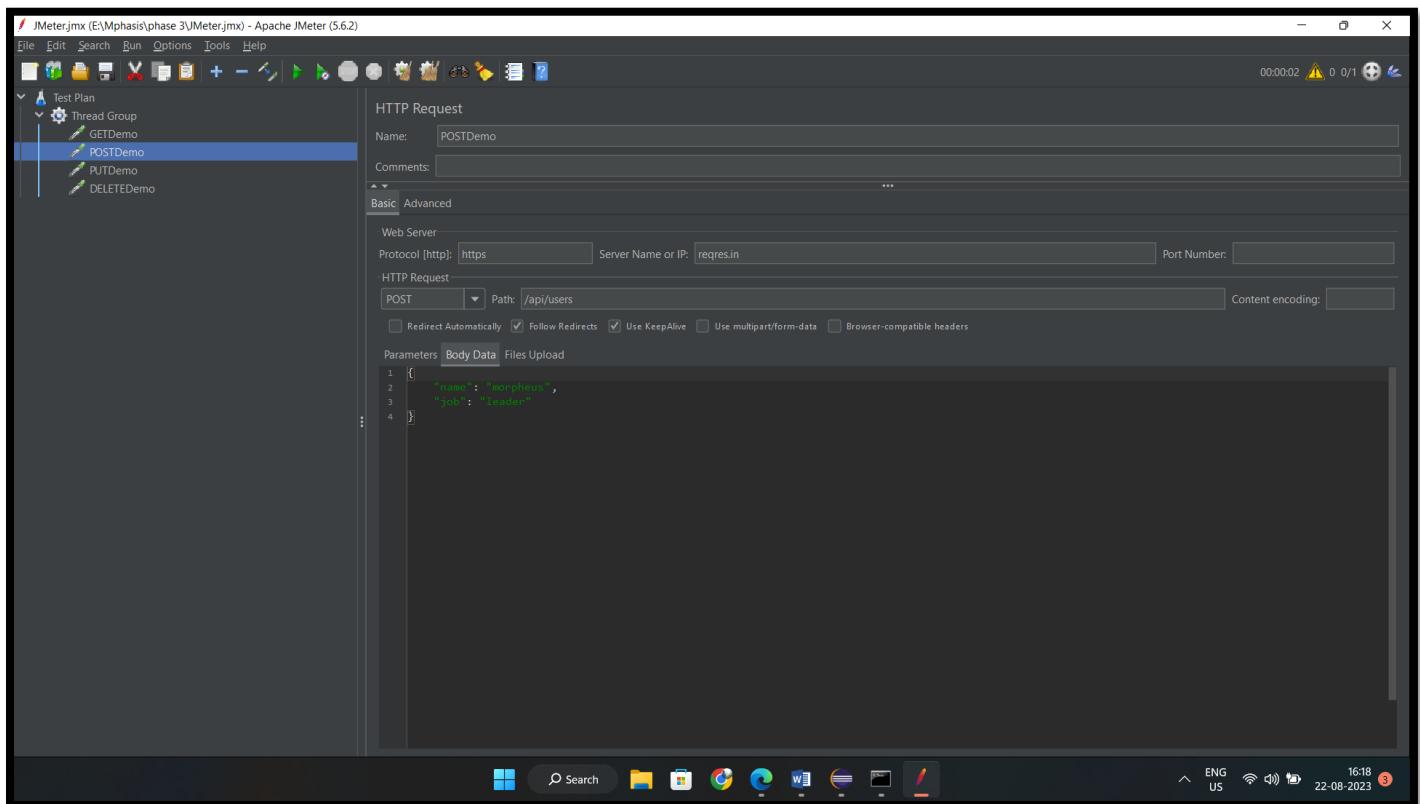
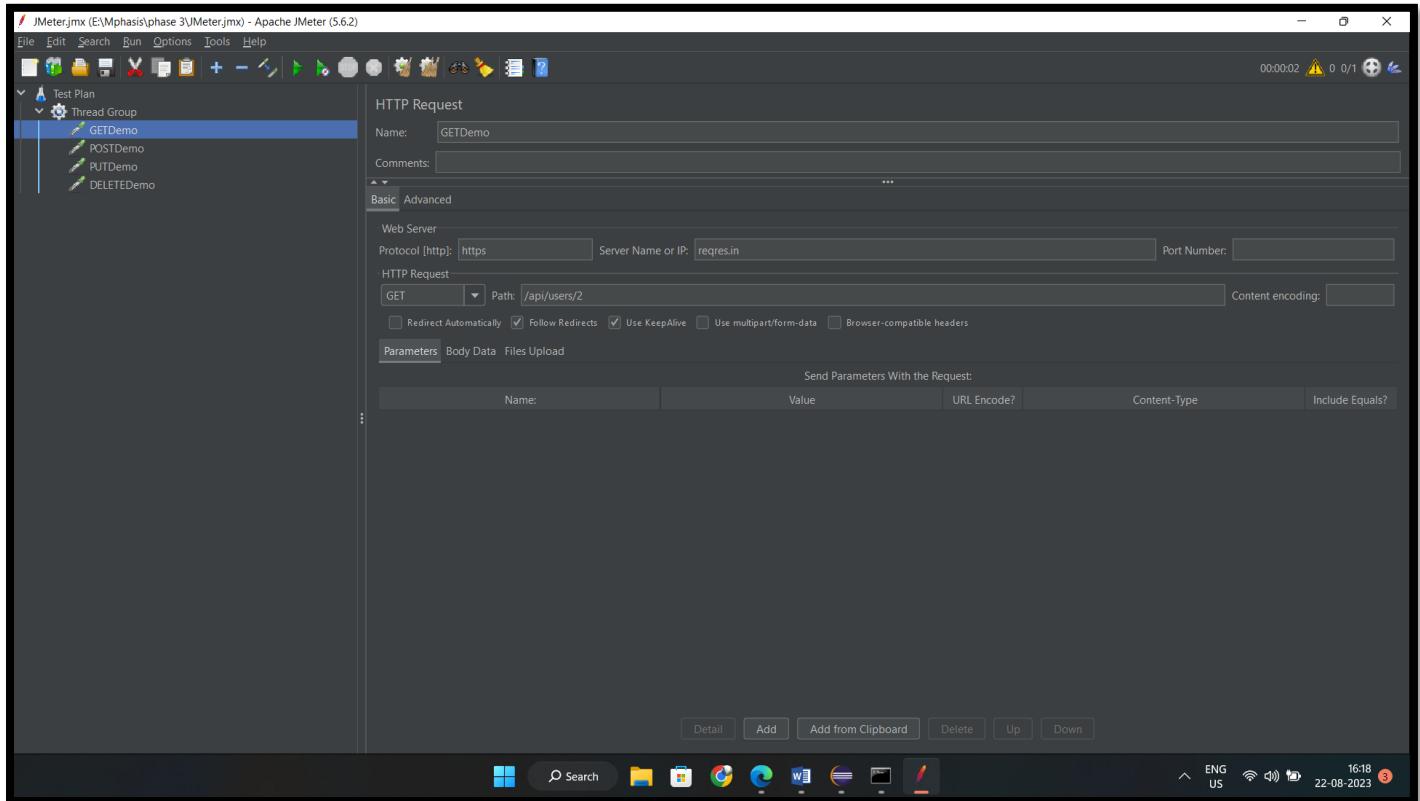
in.reques.restAssured.POSTRequest

postRequest (2.086 s)

INFO 2023-08-22 16:04:42,207 1851 LogDemo [main] User Created
PASSED: postRequest
=====
Default test
Tests run: 1, Failures: 0, Skips: 0
=====
Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
=====

16:04
ENG US 22-08-2023

JMeter:



JMeter.jmx (E:\Mphasis\phase 3\JMeter.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

Test Plan

- Thread Group
 - GETDemo
 - POSTDemo
 - PUTDemo**
 - DELETEDemo

HTTP Request

Name: PUTDemo

Comments:

Basic Advanced

Web Server

Protocol [http]: https Server Name or IP: reqres.in Port Number:

HTTP Request

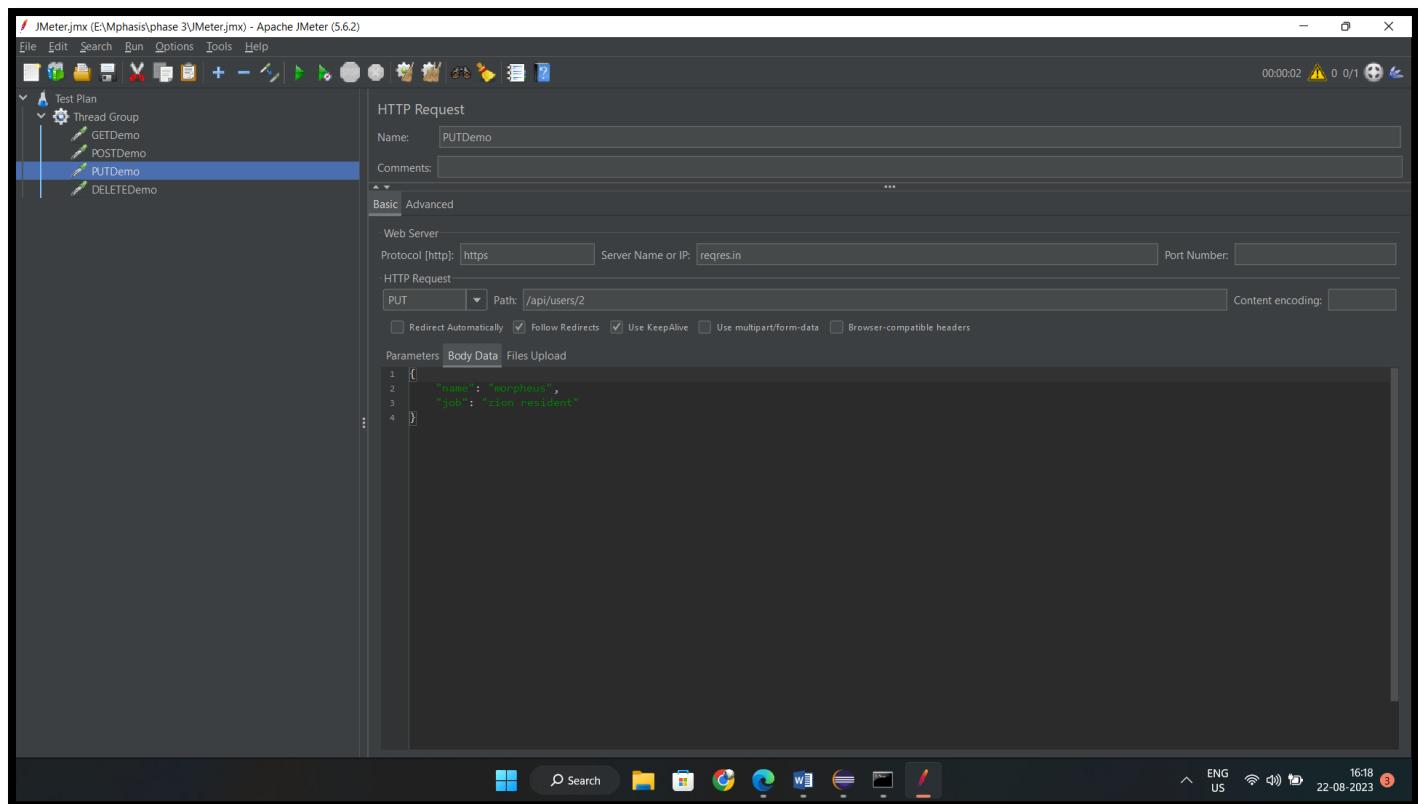
PUT Path: /api/users/2

Redirect Automatically Follow Redirects Use KeepAlive Use multipart/form-data Browser-compatible headers

Parameters Body Data Files Upload

```
1 {
2   "name": "morpheus",
3   "job": "zion resident"
4 }
```

00:00:02 0 0/1 16:18 22-08-2023



JMeter.jmx (E:\Mphasis\phase 3\JMeter.jmx) - Apache JMeter (5.6.2)

File Edit Search Run Options Tools Help

Test Plan

- Thread Group
 - GETDemo
 - POSTDemo
 - PUTDemo
 - DELETEDemo**

HTTP Request

Name: DELETEDemo

Comments:

Basic Advanced

Web Server

Protocol [http]: https Server Name or IP: reqres.in Port Number:

HTTP Request

DELETE Path: /api/users/2

Redirect Automatically Follow Redirects Use KeepAlive Use multipart/form-data Browser-compatible headers

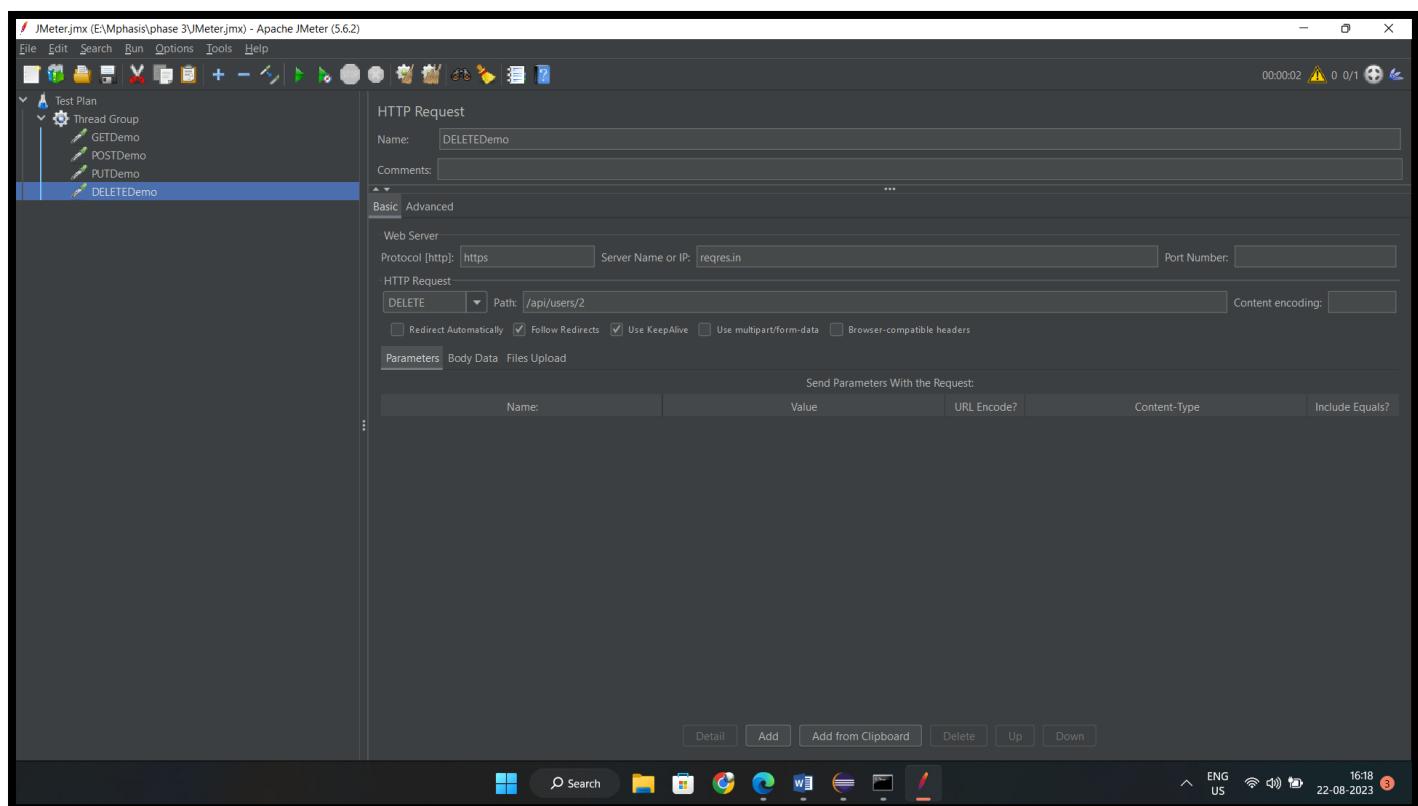
Parameters Body Data Files Upload

Send Parameters With the Request:

Name:	Value	URL Encode?	Content-Type	Include Equals?

Detail Add Add from Clipboard Delete Up Down

00:00:02 0 0/1 16:18 22-08-2023



BlazeMeter Edit Test

Performance

SCENARIO DEFINITION (1 FILES)

Start test with: JMeter.jmx

Test type: JMeter

Test Data 0

LOAD CONFIGURATION

Total Users: 50

Duration (min): 20

Ramp Up Time (min): 2

LOAD DISTRIBUTION

Max Users Per Engine: 1 (Total Engine)

Locations: Asia South (Mumbai) - Google Cloud Platform

of Users: 50

Failure Criteria

TEST DATA ORCHESTRATION

BlazeMeter

Functional Performance Mock Services API Monitoring

Search

Rogh Inico

Help Center

BlazeMeter Edit Test

Performance

SCENARIO DEFINITION (1 FILES)

Start test with: JMeter.jmx

Test type: JMeter

Test Data 0

LOAD DISTRIBUTION

Max Users Per Engine: 1 (Total Engine)

Locations: Asia South (Mumbai) - Google Cloud Platform

of Users: 50

Total: 100% 50

Failure Criteria

TEST DATA ORCHESTRATION

Data Target Name

Use With This Test

BlazeMeter

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Help Center

Booting Test

a.blazemeter.com/app/#/accounts/1702235/workspaces/1763642/projects/2041967/masters/69299250

BlazeMeter Functional Performance Mock Services API Monitoring

Search Rogh Inico

Home Default workspace Projects Tests Reports Test Data Create Test Active Runs 1

JMeterDemo 02:30 Abort Test

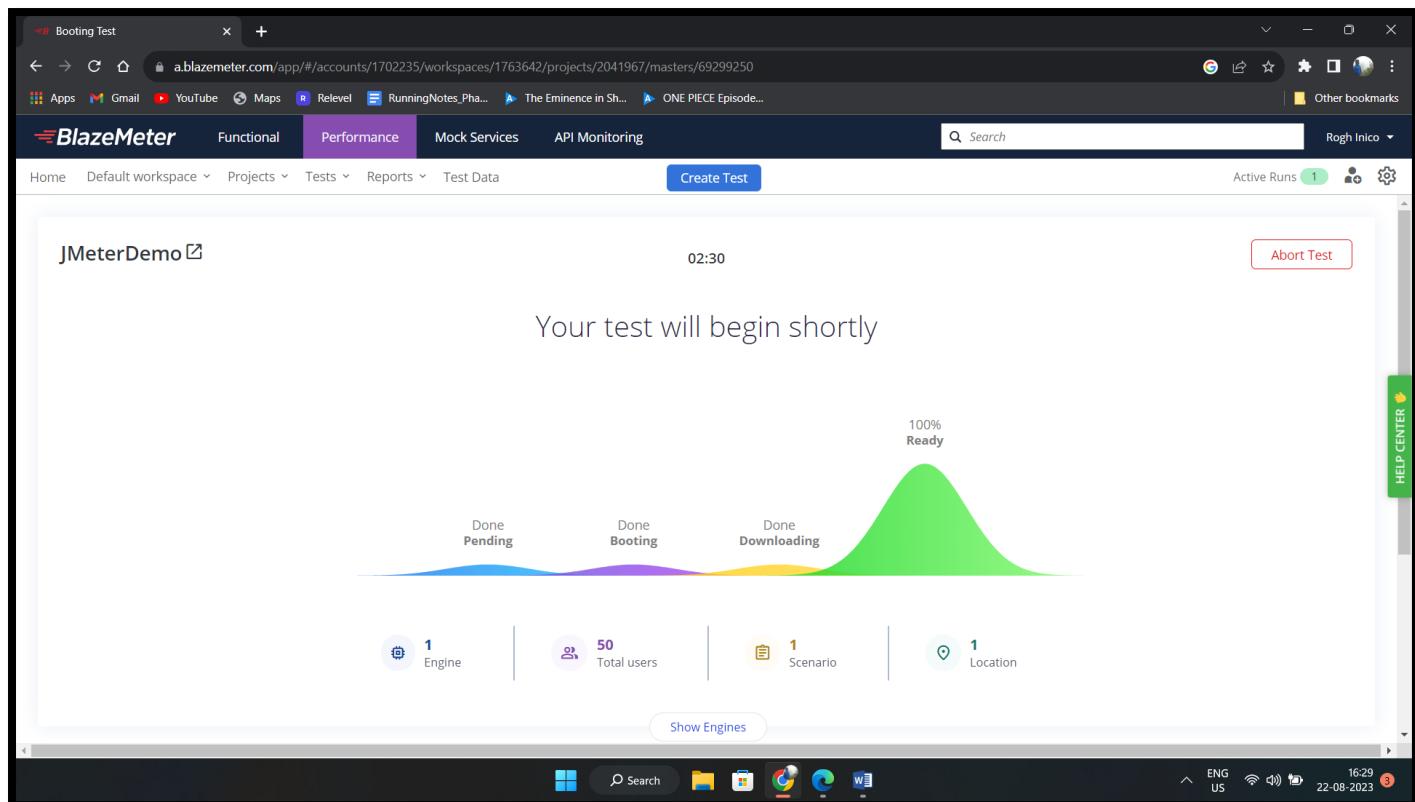
Your test will begin shortly

Done Pending Done Booting Done Downloading 100% Ready

1 Engine 50 Total users 1 Scenario 1 Location

Show Engines

16:29 22-08-2023 ENG US



This screenshot shows the BlazeMeter Performance Test Overview page for a test named 'JMeterDemo'. The top navigation bar includes links for Functional, Performance, Mock Services, and API Monitoring. The main content area displays a progress bar with three segments: 'Done Pending', 'Done Booting', and 'Done Downloading', with the final segment labeled '100% Ready'. Below the progress bar, summary statistics are shown: 1 Engine, 50 Total users, 1 Scenario, and 1 Location. A 'Show Engines' button is present. The bottom status bar shows the date and time as 22-08-2023 16:29, and the system language as ENG US.

Execution

a.blazemeter.com/app/#/accounts/1702235/workspaces/1763642/projects/2041967/masters/69299250/summary

BlazeMeter Functional Performance Mock Services API Monitoring

Search Rogh Inico

Home Default workspace Projects Tests Reports Test Data Create Test

Projects / JMeterDemo Scenario JMeterDemo Location Asia South (Mumbai, Google) Filter By Transactions Select Transactions Show results in: Milliseconds Seconds

Set Report as a Baseline

Summary Timeline Report Request Stats Engine Health Errors Logs Original Test Configuration

50 VU Max Users 195.01 Hits/s Avg. Throughput 0.02 % Errors 243.74 ms Avg. Response Time 282 ms 90% Response Time 143.9 KiB/s Avg. Bandwidth

Duration 20 minutes Test Type JMeter

Started Aug 22, 2023, 4:28:35 PM Response Codes 2xx 5xx

Ended Aug 22, 2023, 4:49:37 PM Locations Asia South (Mumbai, Google)

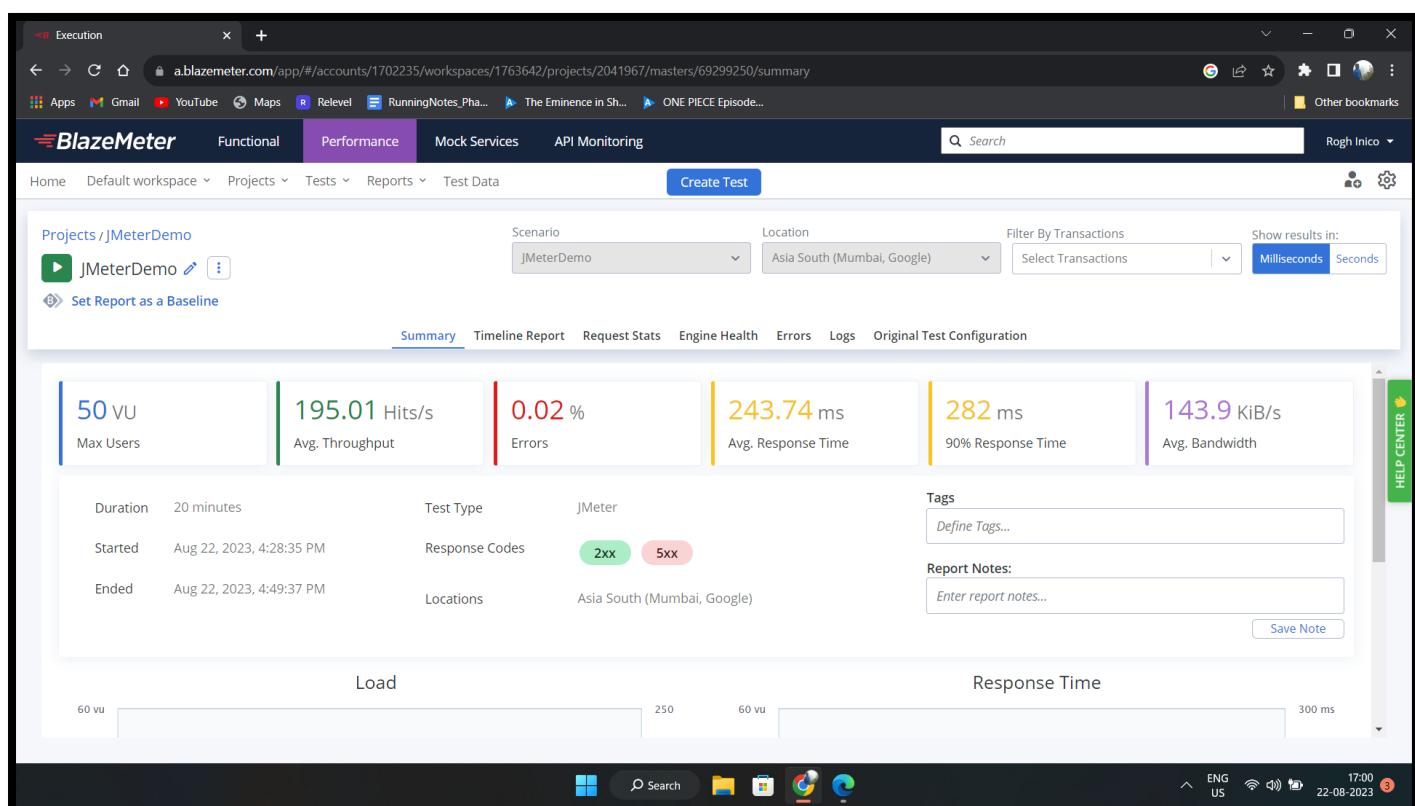
Tags Define Tags...

Report Notes: Enter report notes... Save Note

Load Response Time

60 vu 250 60 vu 300 ms

17:00 22-08-2023 ENG US



This screenshot shows the BlazeMeter Performance Test Summary page for the 'JMeterDemo' test. The top navigation bar includes links for Functional, Performance, Mock Services, and API Monitoring. The main content area displays summary statistics: 50 VU (Max Users), 195.01 Hits/s (Avg. Throughput), 0.02 % Errors, 243.74 ms (Avg. Response Time), 282 ms (90% Response Time), and 143.9 KiB/s (Avg. Bandwidth). Below these statistics, detailed test information is provided: Duration (20 minutes), Test Type (JMeter), Started (Aug 22, 2023, 4:28:35 PM), Response Codes (2xx, 5xx), and Ended (Aug 22, 2023, 4:49:37 PM). On the right, there are fields for 'Tags' and 'Report Notes' with a 'Save Note' button. At the bottom, two charts are shown: 'Load' and 'Response Time'. The bottom status bar shows the date and time as 22-08-2023 17:00, and the system language as ENG US.

