Aim: To perform to demonstrate automation of GET request and response. CODE: package restAssurescripts; import org.testng.Assert; import org.testng.annotations.Test; import io.restassured.RestAssured; import io.restassured.response.Response; public class Script002GetMethod { @Test public void setupCheck() { Response res = RestAssured.get("https://reqres.in/api/users?page=2"); System.out.println(res.getStatusCode()); System.out.println(res.getBody().asString()); System.out.println(res.getTime()); System.out.println(res.getHeader("Content-Type")); int expectedstatuscode = 200;

int Actualstatuscode = res.getStatusCode();

```
Assert. assert {\tt Equals} (expected status code, {\tt Actual status code});
}
@Test
public void GetmethodBDDStyle()
{
        RestAssured.given()
        .baseUri("https://reqres.in/api/users")
        .queryParam("page", "2")
        .when().get()
        .then()
        .statusCode(200)
        .log().all();
}
```

}

OUTPUT:

```
eclipse-workspace - ATE-phase3-RestAssured/src/test/java
                                                                                                                   stAssurescripts/Script002GetMethod.java - Eclipse IDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   - a ×
File Edit Source Refactor Navigate Search Project Run Window Help
Q 🔡 🐉
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ○ □ ② Outli... × □ □ Ø
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               # restAssurescrip

Getmethod

restAssurescrip

Getmethod
          Response res = RestAssured.get("https://reqres.in/api/users?page=2");
                                                                                                                   System.out.println(res.getStatusCode());
                                                                                                                    System.out.println(res.getBody().asString());
                                                                                                                     System.out.println(res.getTime());
                                                                                                                    System.out.println(res.getHeader("Content-Type"));
                                                                                                                    int expectedstatuscode = 200;
int Actualstatuscode = res.getStatusCode();

■ JRE System Library [JavaSE-1.7]
■ Maven Dependencies

    Mawen Depender
    Sy src
    Starget
    Mayen Depender
    Starget
    Mayen Depender
    Mayen Depender
    Mayen Department
    Mayen Depender
    Mayen Department
    Mayen Depender
    Mayen Dep
                                                                                                                      Assert.assertEquals(expectedstatuscode.Actualstatuscode):
                                                                                                                       @Test
Run | Debug
public void GetmethodBDDStyle()
                                                                                                       34
35
                                                                                                    eclipse-workspace - ATE-phase3-RestAssured/src/test/java/restAssurescripts/Script002GetMethod.java - Eclipse IDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           - 0 >
 Q E
1 package restAssurescripts;
                                                                                                      ☑ Script001SetupCheckjava
☑ Script002GetMethod.java
                     ② Script003stMethod.java
② Script003stMethod.java
② Script004syloadJSON.java
③ Script004syloadJSON.java
④ Script006syloadJSON.java
② Script007stManAPIKey.java
② Script007stManAPIKey.java
② Script007stMethodStARERToken.java
④ Script009sylvalOauth2.java
                                                                                                                                  "id": 12,
"email": "rachel.howell@reqres.in",
"first_name": "Rachel",
"last_name": "Howell",
"avatar": "https://reqres.in/img/faces/12-image.jpg"
                                                                                                                        }
   ZUW ("page":2,"per_page":6,"total":12,"total_pages":2,"data":{{"id":7,"email":"michael.lawson@reqres.in","first_name":"Michael","last_name":"Lawson","avatar":"https://rec134
                                                                                                       134
application/json; charset=utf-8
PASSED: restAssurescripts.Script002GetMethod.Getmethod8DDStyle
PASSED: restAssurescripts.Script002GetMethod.setupCheck
                                                                                                                 Default test
Tests run: 2, Failures: 0, Skips: 0
     TestNG
                                                                                                       Default suite Total tests run: 2, Passes: 2, Failures: 0, Skips: 0
File Edit Source Refactor Navigate Search Project Run Window Help

The Edit Source Refactor Navigate Search Project Run Window Help

The Edit Source Refactor Navigate Search Project Run Window Help

The Edit Source Refactor Navigate Search Project Run Window Help
                                                                                                                                                                                                                                                                                                                                                                                                                                                               Q B Quti... x *** D a

** B B 1/2 N x ** B

**

# restAssurescrip

** G ScriptOCGeM

• setupCheck

• Getmethod
**Import org.testng.Assert;

**Run All

9 public class Script002GetMethod {

10

**Eest**

**Run | Debug

12 public void setupCheck()

13 {

15 Response res = "

16

17 Sve**
                     Script003PostMethod.java
Script003PostMethod.java
Script004PayloadJSON.java
Script005PayloadXML.java
                                                                                                                    Response res = RestAssured.get("https://reqres.in/api/users?page=2");
                                                                                                                     System.out.println(res.getStatusCode());

    ScriptionSeptiManArker, jaw
    ScriptionSeptimanestalvalidateMethods.java
    ScriptionSeptimanestalvalidateMethods.java
    ScriptionSeptimanestalvalidateMethods.java
    ScriptionSeptimanestalvalidate
    ScriptionSeptimanestalvalidate
    Steptimanestalvalidate
    Steptimanestalva
                                                                                                                     System.out.println(res.getBody().asString());
                                                                                                                    System.out.println(res.getTime());
                                                                                                                    System.out.println(res.getHeader("Content-Type"));
                                                                                                                    int expectedstatuscode = 200;
int Actualstatuscode = res.getStatusCode();
                                                                                                                       Assert.assertEquals(expectedstatuscode,Actualstatuscode);
                                                                                                                                                                                                                                                                                                                                                                                                                                            be test-output pom.xml
pom.xml
JAVA-Programs
JIDBC-DEmo
                                                                                                                                                                                                                                                      □ Passed: 2 □ Failed: 0 □ Skipped: 0
                                                                                                     ☐ All Tests ☐ Failed Tests Summary

    ✓ Default suite ( 2/0/0/0 ) (4.35 s)
    ✓ Default test ( 4.35 s)

                                                                                                                                                                                                                                                                                                             Failure Exception
```