JSON response in REST assured, and explore native logging of REST assured. CODE: Code for JSON package restAssurescripts; import org.json.JSONObject; import org.testng.annotations.Test; import io.restassured.RestAssured; import io.restassured.http.ContentType; import static org.hamcrest.Matchers.equalTo; public class Script004PayloadJSON { @Test public void postusingJSON() { JSONObject body = new JSONObject(); body.put("name", "Siva");

body.put("salary", "4567");

body.put("age", "23");

Aim: To perform to send XML payload in REST assured, parse XML response in REST assured, parse

```
RestAssured.given()
               .baseUri("https://dummy.restapiexample.com/api/v1")
               .contentType(ContentType.JSON)
               .body(body.toString())
               .when().post("/create")
               .then()
               .statusCode(200)
               .log().all()
               .body("data.name", equalTo("Siva"))
               .extract().path("data.id");
       }
}
Code for XML
package restAssurescripts;
import org.hamcrest.Matchers;
import org.testng.annotations.Test;
import io.restassured.RestAssured;
import io.restassured.http.ContentType;
public class Script005PayloadXML {
       @Test
       public void payloadXML()
```

```
{
```

```
String xmlrequestBody = "<?xml version=\"1.0\" encoding=\"UTF-8\"?>\r\n"
               + "<Pet>\r\n"
                       <id>0</id>\r\n"
                       <Category>\r\n"
                              <id>0</id>\r\n"
                              <name>string</name>\r\n"
               + "
                       </Category>\r\n"
               + "
                       <name>doggie</name>\r\n"
               + "
                       <photoUrls>\r\n"
                              <photoUrl>string</photoUrl>\r\n"
               + "
                       </photoUrls>\r\n"
                       <tags>\r\n"
               + "
                              <Tag>\r\n"
                                      <id>0</id>\r\n"
                                      <name>string</name>\r\n"
                              </Tag>\r\n"
                       </tags>\r\n"
               + "
               + "
                       <status>available</status>\r\n"
               + "</Pet>";
RestAssured.given()
.baseUri("https://petstore.swagger.io")
.basePath("/v2/pet")
.contentType(ContentType.XML)
.accept("application/xml")
.body(xmlrequestBody)
.when().post() // execute post request
.then()
.statusCode(200)
```

```
.body("Pet.name", Matchers.equalTo("doggie"))
.log().all();
}

OUTPUTS:
```

```
File Edit Source Refactor Navigate Search Project Run Window Help

Discription (1958) Authentication, java
Discription (1954) Charles (1944)
Discription (1954) Charles (1954)
Discription (1954) Charles (1954
                                                                                                                                                                                                                                          nooy.put( age , 2 );
RestAssured_qisen()
.baseUri("https://dummy.restapiexample.com/api/v1")
.baseUri("https://dummy.restapiexample.com/api/v1")
.base()
.base()
.base()
.base()
.base()
.base()
.status(ode(280)
.log().all()
.body("data.name", equalTo("Siva"))
.extract().path("data.id");

    ■ JRE System Library [JavaSE-1.7]
    ■ Maven Dependencies
         > Mawam Depender
> ≫ src

> target
> > test-output

□ pom.xml

> JANA-Programs

> JOBC-DEmo

> Jometer/unitSampler

> Selenium

> TestNG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Problems # Javadoc is Declaration © Console × ¶ Results of running class ScriptiO4PayloadJSON

| Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class ScriptiO4PayloadJSON | Results of running class Scri
 O

StyreyJourne
Styr
                                            ☑ Script009PayPalOauth2.java
                     → # steps
→ # Githubsteps.java
→ # LessonEndProject.java
                                                                                                                                                                                                                   "status": "success",
"data": {
    "name": "Siva",
    "salary": "4567",
    "age": "23",
    "id": 7575

Descended of the second of th
                                                                                                                                                                                                                     },
"message": "Successfully! Record has been added."
                                                                                                                                                                                                    PASSED: restAssurescripts.Script004PayloadJSON.postusingJSON
           TestNG
                                                                                                                                                                                                                        Default test
Tests run: 1, Failures: 0, Skips: 0
                                                                                                                                                                                                      Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
 eclipse-workspace - ATE-phase3-RestAssured/src/test/java/restAssurescripts/Script004PayloadJSON.java - Eclipse IDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    O
 File Edit Source Refactor Navigate Search Project Run Window Help
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Q 🔡 🐉
□ 8€ Outli... × □ □
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     # restAssurescrip

Gript004Paylo

postusingJS
                                                                                                                                                                                                  RestAssured, given()
haseUri("https://dummy.restaplexample.com/api/v1")
.contentType(ContentType.JSOW)
.body(body.toString())
.body(body.toString())
.then()
.statusCode(200)
.log().all()
.body('data.name", equalTo("Siva"))
.extract().path("data.id");
                                          ☑ Script008GithubBREARERToken,java
☑ Script009PayPalOauth2.java
                                                                                                                                                                                                 23
24
25
26
27
28
29
30
31
32
                        > [2] Githubstepsjava 
> [3] Letsonfaffvojectjava 
> [3] NEE System Library [JavaSE-1.7] 
> [3] Maven Dependencies 
> [3] Ser 
| 4] Ser 
| 5] Ser 
| 5] Ser 
| 5] Ser 
| 6] Ser 
| 6] Ser 
| 6] JAVA-Programs 
| 6] DBC-DEmo 
| 6] ImeterlumitSampler 
| 6] Seriolium 
| 6] TestNG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Problems ■ Javadoc B Declaration □ Console ■ Results of running class Script004PayloadJSON ×
                                                                                                                                                                                                    Search:
                                                                                                                                                                                                                                                                                      □ Passed: 1 □ Failed: 0 □ Skipped: 0
                                                                                                                                                                                                  ## All Tests | # Failed Tests Summary

## Default suite (1/0/00) (4/984 s)

## Default test (4/984 s)

➢ TestNG

                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Failure Exception
```

- o ×

eclipse-workspace - ATE-phase3-RestAssured/src/test/java/restAssurescripts/Script004PayloadJSON.java - Eclipse IDE

```
-workspace - ATE-phase3-RestAs:
  eclipse
                                                                                                                                                                                  rescripts/Script005PayloadXML.java - Eclipse IDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       - o ×
  File Edit Source Relation Navigate Search Project Run Window Help
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Q [B]
  3* import org.hamcrest.Matchers;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  # restAssures
                                                                                                                                          Run All
9 public class Script005PayloadXML {
10
110
110
    @Test
    Run | Debug
12    public void payloadXML()
13    {

    payloadXM

                                                                                                                                                                     ☑ Script004PayloadJSON.java
                               ☑ Script005PayloadXMLjava
                                 Script006PostManAPIKey.java
                                ☑ Script007HamcrestValidateMethods.java
☑ Script008GithubBREARERToken.java
                               Script009PayPalOauth2.java
      > ② Githubstepsjava
> ② LessonEndProjectjava
> ③ LessonEndProjectjava
> ③ M. KE System Library [JavaSE-1.7]
> ③ M. Maven Dependencies
> ③ src
⑤ target
⑤ target
② Dom.xml
② DOM.Zml
② JWA-Programs
② JWA-Programs
② JWA-BC-DEmo
② Setenium
② Setenium
② Setenium
                                                                                                                                                                                     RestAssured.given()
.baseUri("https://petstore.swe
.basePath("/v2/pet")
.contentType(ContentType.XML)
         ≥ TestNG
                                                                                                                                           clipse-workspace - ATE-phase3-RestAssured/src/test/java/restAssurescripts/Script005PayloadXMLjava - Eclipse IDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ×
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SIG1: See http://www.sif4j.org/codes.html#StaticLogger@inder for HTMP/1.1200 OK
Date: Thu, 00 Nov 2023 14:52:18 GMT
Content-Type: application/xml
Content-Length: 196
Connection: Keep-alive
Access-Control-Allow-Methods: GET, POST, DELETE, PUT
Access-Control-Allow-Methods: GET, POST, DELETE, PUT
Access-Control-Allow-Methods: Content-Type, api_key, Authorization
Server: 1sety[0.2.0.3.0810502]
                                ☑ Script008GithubBREARERToken.java
        > ② Script009PayPalOauth2.java

> 圖 steps
> ② E dishubsteps.java
> ② LessonEndProject.java
> ③ LessonEndProject.java
> ③ Java Seytem Library [Java5E-1.7]
> ③ Maven Dependencies
> ⑤ str
○ target
○ test-output
② pom.xml
③ JMXA-Programs
③ JMSC-DEmo
⑤ JmeterJunitSampler
                               Script009PayPalOauth2.java
                                                                                                                                             cis/9223372896854775807</id>
cis/9223372896854775807</id>

cyphotOul-1string</photOul-1s
</pre>
/photOul-1string
/photOul-1string
/photOul-1s

/
                                                                                                                                                        Default test
Tests run: 1, Failures: θ, Skips: θ

➢ TestNG

                                                                                                                                           Default suite
Total tests run: 1, Passes: 1, Failures: 0, Skips: 0
  eclipse-workspace - ATF-phase3-RestAssured/src/test/java/restAssurescripts/Script005PavloadXML.java - Eclipse IDF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         O

    □ colpre-worspace - Ait - prases-restrussure/art/rest/yan/restrussure/crips/scriptox/art/put/restrussure/crips/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/scriptox/art/ps/
File Edit Source Relator Navigate Search Project Run Window Help

The Richage Explorer X

File Falter Spaces Seed Source

Granting State S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             # restAssure

Gript005

payloa
                                                                                                                                             8
Run All
9 public class Script005PayloadXML {
10
11= @Test
Run | Debug
                                                                                                                                             R | 0 0 | 0 0 E ▼ | E 8 =
                                                                                                                                                ☐ Passed: 1 ☐ Failed: 0 ☐ Skipped: 0
                                                                                                                                                All Tests Failed Tests Summi

    Default suite ( 1/0/0/0 ) (5.373 s)
    Default test ( 5.373 s)
    TestAssurescripts.Script005PayloadXML
         ₩ TestNG
                                                                                                                                                                                                                                                                                                                                                                                                                                          Failure Exception
                                                                                                                                                                               payloadXMI (5.373 s)
```