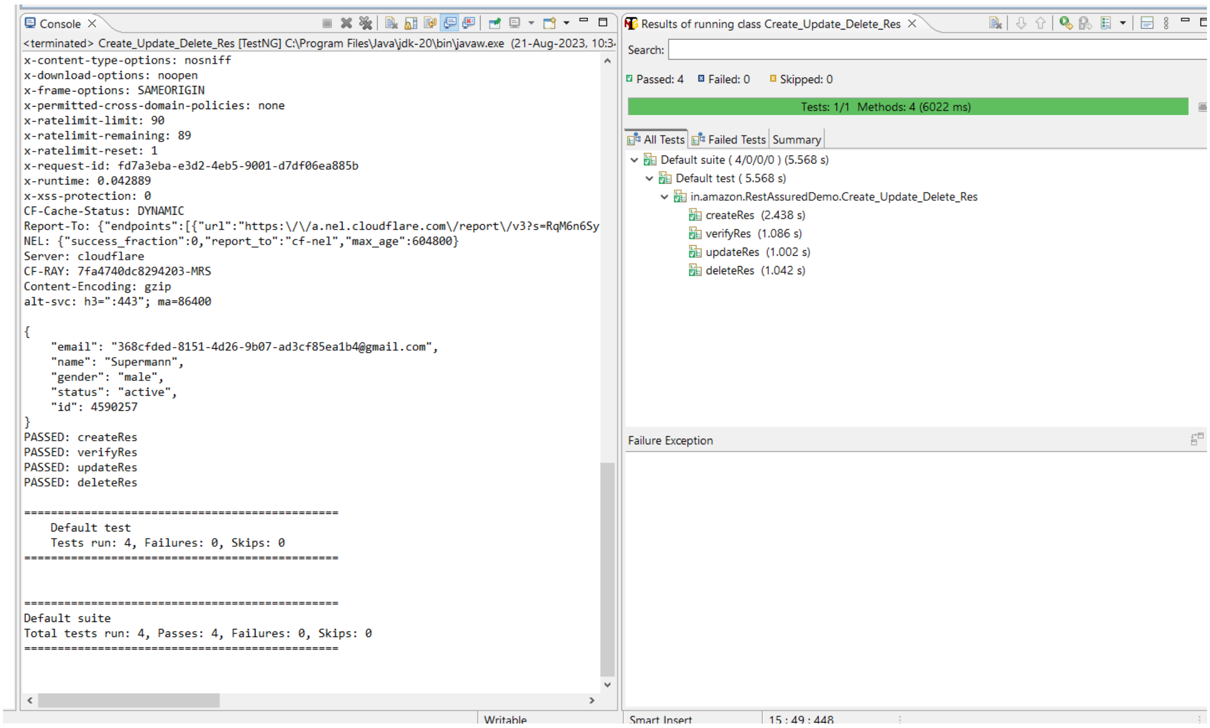
```
package in.amazon.RestAssuredDemo;


import java.util.HashMap;
import java.util.UUID;
import org.junit.Assert;
import org.testng.annotations.BeforeTest;
import org.testng.annotations.Test;
import io.restassured.RestAssured;
import io.restassured.path.json.JsonPath;
import io.restassured.response.Response;
import static org.hamcrest.Matchers.is;

public class Create_Update_Delete_Res {

	HashMap<String, String> map = new HashMap<String, String>();
	Response res;
	JsonPath jsonPath;

	UUID uuid = UUID.randomUUID();
	int id;

	@BeforeTest
	public void createPayload() {
		map.put("name", "Superman");
		map.put("email", uuid+ "@gmail.com");
		map.put("gender", "male");
		map.put("status", "active");
		RestAssured.baseURI = "https://gorest.co.in/";
		RestAssured.basePath = "/public/v2/users";
	}
```

```
    @Test(priority=0)
    public void createRes() {
        res = RestAssured
                .given()
                    .contentType("application/json")
                    .body(map)
                    .header("Authorization", "Bearer
b368c27ad372b4e9f75cb4c191cd41f83b9bb3f8e028fc5e3533e9efbdf23c2c")
                .when()
                    .post()
                .then()
                    .log().all()
                    .extract().response();

        jsonPath = res.jsonPath();
        id = jsonPath.get("id");
    }

    @Test(priority=1)
    public void verifyRes() {
        System.out.println(id);
        RestAssured
                .given()
                    .contentType("application/json")
                    .header("Authorization", "Bearer
b368c27ad372b4e9f75cb4c191cd41f83b9bb3f8e028fc5e3533e9efbdf23c2c")
                .when()
                    .get("https://gorest.co.in/public/v2/users/"+id)
                .then()
                    .statusCode(200)
                    .log().all();
```

```
		Assert.assertTrue(jsonPath.get("name").equals("Superman"));
	}

	@Test(priority=2)
	public void updateRes() {
		map.put("name", "Supermann");
		map.put("email", uuid+ "@gmail.com");
		map.put("gender", "male");
		map.put("status", "active");
		RestAssured.baseURI = "https://gorest.co.in/";
		RestAssured.basePath = "/public/v2/users/" + id;

		RestAssured
		.given()
			.contentType("application/json")
			.header("Authorization", "Bearer
b368c27ad372b4e9f75cb4c191cd41f83b9bb3f8e028fc5e3533e9efbdf23c2c")
			.body(map)
		.when()
			.put()
		.then()
			.statusCode(200)
			.log().all()
			.assertThat()
			.body("name", is("Supermann"));

	}

	@Test(priority=3)
	public void deleteRes() {
		RestAssured.baseURI = "https://gorest.co.in/";
		RestAssured.basePath = "/public/v2/users/" + id;
		RestAssured
				.given()
					.contentType("application/json")
					.header("Authorization", "Bearer 
b368c27ad372b4e9f75cb4c191cd41f83b9bb3f8e028fc5e3533e9efbdf23c2c")
				.when()
					.delete()
				.then()
					.statusCode(204);


	}



}
```



```
<terminated> Create_Update_Delete_Res [TestNG] C:\Program Files\Java\jdk-20\bin\javaw.exe  (21-Aug-2023, 10:3
x-content-type-options: nosniff
x-download-options: noopen
x-frame-options: SAMEORIGIN
x-permitted-cross-domain-policies: none
x-ratelimit-limit: 90
x-ratelimit-remaining: 89
x-ratelimit-reset: 1
x-request-id: fd7a3eba-e3d2-4eb5-9001-d7df06ea885b
x-runtime: 0.042889
x-xss-protection: 0
CF-Cache-Status: DYNAMIC
Report-To: {"endpoints":[{"url":"https:\/\/a.nel.cloudflare.com\/report\/v3?s=RqM6n6Sy
NEL: {"success_fraction":0,"report_to":"cf-nel","max_age":604800}
Server: cloudflare
CF-RAY: 7fa4740dc8294203-MRS
Content-Encoding: gzip
alt-svc: h3=":443"; ma=86400

{
    "email": "368cfded-8151-4d26-9b07-ad3cf85ea1b4@gmail.com",
    "name": "Supermann",
    "gender": "male",
    "status": "active",
    "id": 4590257
}
PASSED: createRes
PASSED: verifyRes
PASSED: updateRes
PASSED: deleteRes

===============================================
    Default test
    Tests run: 4, Failures: 0, Skips: 0
===============================================


===============================================
Default suite
Total tests run: 4, Passes: 4, Failures: 0, Skips: 0
===============================================
```

```
Passed: 4    Failed: 0    Skipped: 0
Tests: 1/1  Methods: 4 (6022 ms)

Default suite ( 4/0/0/0 ) (5.568 s)
  Default test ( 5.568 s)
    in.amazon.RestAssuredDemo.Create_Update_Delete_Res
      createRes  (2.438 s)
      verifyRes  (1.086 s)
      updateRes  (1.002 s)
      deleteRes  (1.042 s)
```