

## **GET:**

```
import org.testng.annotations.Test;
```

```
import io.restassured.RestAssured;
```

```
public class GETDemo {
```

```
    @Test
```

```
    public void getServerResponse() {
```

```
        RestAssured
```

```
            .when()
```

```
                .get("https://restcountries.com/v3.1/all")
```

```
            .then()
```

```
                .assertThat()
```

```
                    .statusCode(200)
```

```
                    .log().all();
```

```
    }
```

```
}
```

## **PUT:**

```
import java.util.HashMap;
```

```
import org.testng.annotations.BeforeMethod;
```

```
import org.testng.annotations.Test;
```

```
import io.restassured.RestAssured;
```

```
public class PUTDemo {
```

```
    HashMap<String, String> map = new HashMap<String, String>();
```

```

@BeforeMethod

public void createPayload() {

    map.put("name", "Satya");

    map.put("job", "Dev");

    RestAssured.baseURI = "https://reqres.in/";

    RestAssured.basePath = "/api/users/378";

}

@Test

public void updateResponse() {

    RestAssured

        .given()

            .contentType("application/json")

            .body(map)

        .when()

            .put()

        .then()

            .statusCode(200)

            .log().all();

}

}

```

## **POST:**

```

import java.util.HashMap;
import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class POSTDemo {

    HashMap<String, String> map = new HashMap<String, String>();

    @BeforeMethod

```

```

    public void createPayload() {
        map.put("name", "Satya");
        map.put("job", "Tester");
        RestAssured.baseURI = "https://reqres.in/";
        RestAssured.basePath = "/api/users";
    }

    @Test

    public void putTest() {
        RestAssured
            .given()
                .contentType("application/json")
                .body(map)
            .when()
                .post()
            .then()
                .statusCode(201)
                .log().all();
    }
}

```

## **DELETE:**

```

import org.testng.annotations.BeforeMethod;
import org.testng.annotations.Test;

import io.restassured.RestAssured;

public class DeleteDemo {

    @BeforeMethod
    public void createPayload() {
        RestAssured.baseURI = "https://reqres.in/";
        RestAssured.basePath = "/api/users/2";
    }

    @Test

    public void deleteTest() {
        RestAssured
            .given()
                .contentType("application/json")
            .when()
                .delete()
            .then()
                .statusCode(204);
    }
}

```