REST ASSURE:

ASSIGNMENT001-POST:

```
package courseendproject;
import java.io.File;

import org.apache.logging.log4j.LogManager;
import org.apache.logging.log4j.Logger;
import org.hamcrest.Matchers;
import org.testng.annotations.Test;

import io.restassured.RestAssured;
import io.restassured.http.ContentType;

public class Assignment001Post {
Logger logger = LogManager.getLogger(Assignment001Post.class);

	@Test(priority='1')

	public void assignment001Post()
	{
		logger.info("Course End project - Assignment001 - POST
request");
		File file = new File("resources/data.json");
		int id = RestAssured.given()
		.baseUri("https://petstore.swagger.io/v2/pet")
		.contentType(ContentType.JSON)
		.body(file)
		.when().post()
		.then()
		.statusCode(200)
		.log().all()
		.body("name", Matchers.equalTo("duck")).extract().path("id");
	logger.trace("The status code is checked");

	System.out.println(id);

	logger.trace("Id has been captured and validated");

	}

	@Test(priority='2',dependsOnMethods="assignment001Post")

	public void assignment001Get()
	{

		logger.info("Course End project - Assignment001 - GET
request");
	int id = RestAssured.given()
		.baseUri("https://petstore.swagger.io/v2/pet/987")
		.when()
		.get()
		.then()
		.statusCode(200)
		.log().all()
		.body("status",
Matchers.equalTo("available")).extract().path("category.id");
	System.out.println(id); // 0
	logger.trace("Id and status has been captured and validated");
```

```
	}

	@Test(priority='3',dependsOnMethods="assignment001Get")

	public void assignment001Delete()
	{
		logger.info("Course End project - Assignment001 - Delete
request");
RestAssured.given()
		.baseUri("https://petstore.swagger.io/v2/pet/987")
		.when()
		.delete()
		.then()
		.statusCode(200)
		.log().all()
		.body("code", Matchers.equalTo(200))
		.body("type", Matchers.equalTo("unknown"))
		.body("message", Matchers.equalTo("987"));




	}

}
```

ASSIGMENT002-PUT:

```
package courseendproject;

import org.hamcrest.Matchers;
import org.testng.annotations.Test;

import io.restassured.RestAssured;


public class Assignment006 {
	@Test

	public void assignment006Logout()
	{
		RestAssured.given()
		.baseUri("https://petstore.swagger.io/v2/user/logout")
		.when()
		.get()
		.then()
		.statusCode(200)
		.log().all()
		.body("code", Matchers.equalTo(200))
		.body("type", Matchers.equalTo("unknown"))
		.body("message", Matchers.equalTo("ok"))
		;



	}
}
```

ASSIGNMENT003-USER:

```java
package courseendproject;
import org.hamcrest.Matchers;
import org.testng.annotations.Test;

import io.restassured.RestAssured;


public class Assignment003 {

@Test

		public void assignment003User()
		{
			RestAssured.given()
			.baseUri("https://petstore.swagger.io/v2/user/Uname001")
			.when()
			.get()
			.then()
			.statusCode(200)
			.log().all()
			.body("username", Matchers.equalTo("Uname001"))
			.body("email", Matchers.equalTo("Positive@Attitude.com"))
			.body("userStatus", Matchers.equalTo(1))
			;



		}

}
```

ASSIGNMENT004-LOGIN:

```java
package courseendproject;

import org.hamcrest.Matchers;
import org.testng.annotations.Test;

import io.restassured.RestAssured;


public class Assignment004 {
	@Test

	public void assignment004login()
	{
		RestAssured.given()
		.baseUri("https://petstore.swagger.io/v2/user/login")
		.auth().preemptive().basic("Uname001", "@tt!tude")
		.when()
		.get()
		.then()
		.statusCode(200)
		.log().all()
		.body("message", Matchers.anything());



	}

}
```

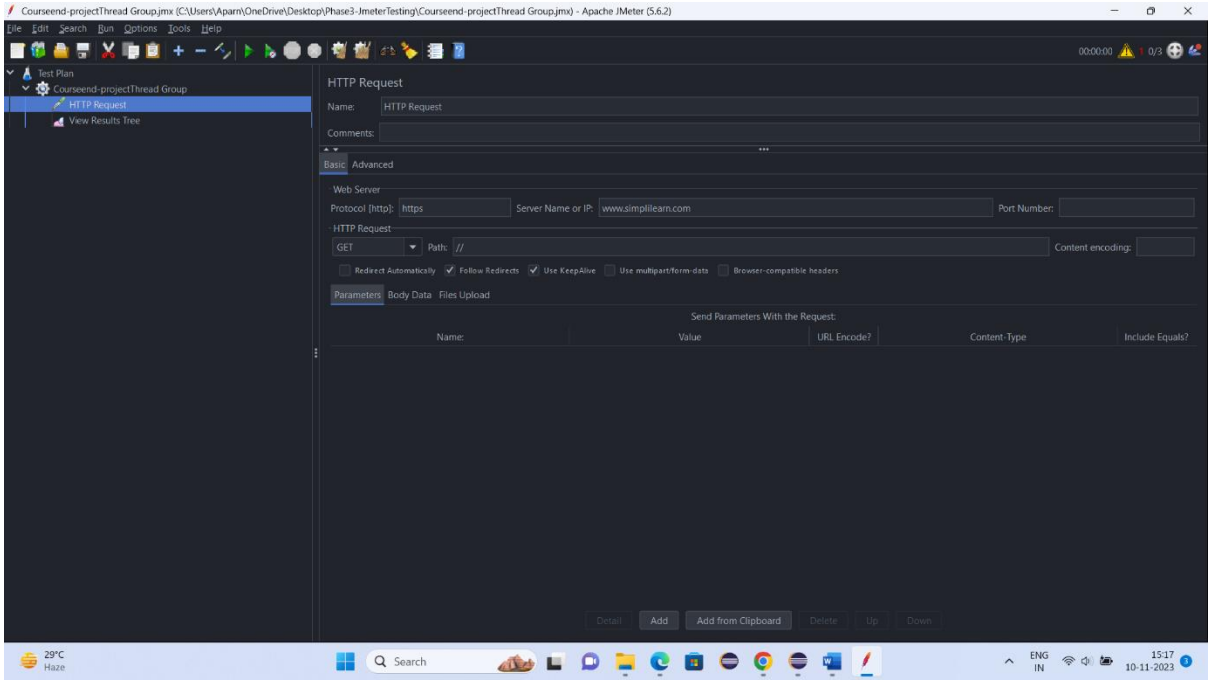
ASSIGNMENT005-FINDSTATUS:

```
package courseendproject;

import org.testng.annotations.Test;

import io.restassured.RestAssured;


public class Assignment005 {
	@Test

	public void assignment005FindByStatus()
	{
		RestAssured.given()
		.baseUri("https://petstore.swagger.io/v2/pet/findByStatus")
		//.queryParam("status", "available")
		//.queryParam("status", "pending")
		.queryParam("status", "sold")
		.when()
		.get()
		.then()
		.statusCode(200)
		.log().all()

		;



	}

}
```

ASSIGMENT006-LOGOUT:

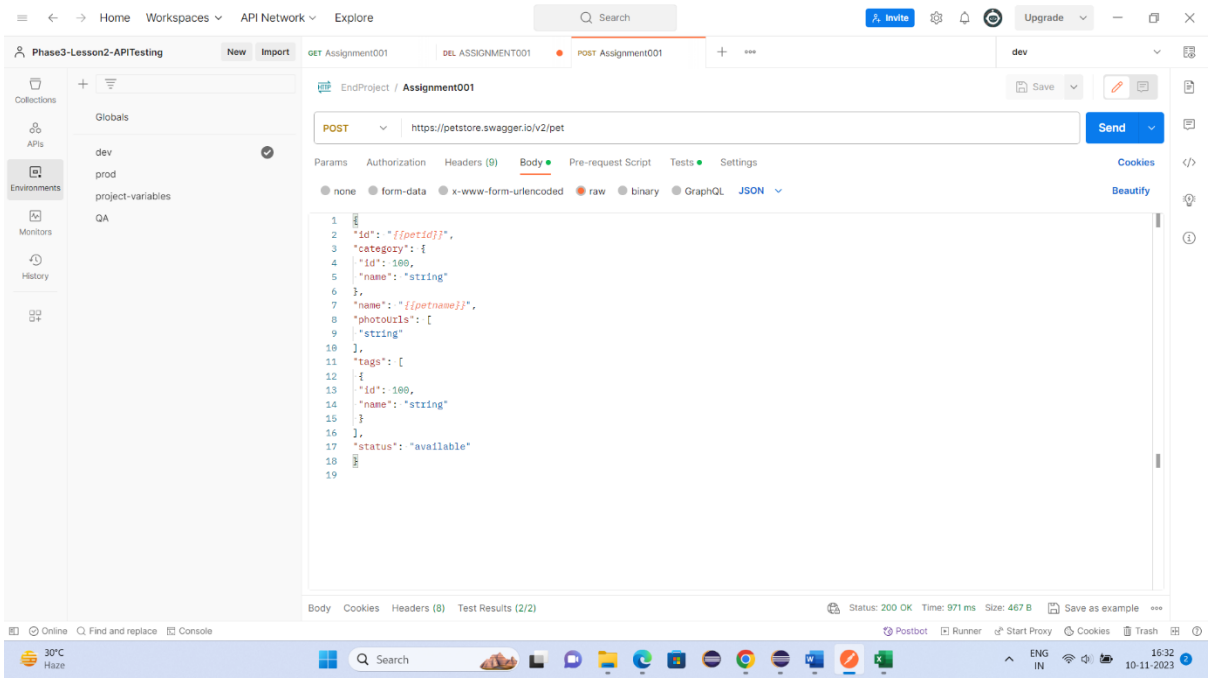
```
package courseendproject;

import org.hamcrest.Matchers;
import org.testng.annotations.Test;
import io.restassured.RestAssured;
public class Assignment006 {
	@Test

	public void assignment006Logout()
	{
		RestAssured.given()
		.baseUri("https://petstore.swagger.io/v2/user/logout")
		.when()
		.get()
		.then()
		.statusCode(200)
		.log().all()
		.body("code", Matchers.equalTo(200))
		.body("type", Matchers.equalTo("unknown"))
		.body("message", Matchers.equalTo("ok"))
		;



	}
}
```

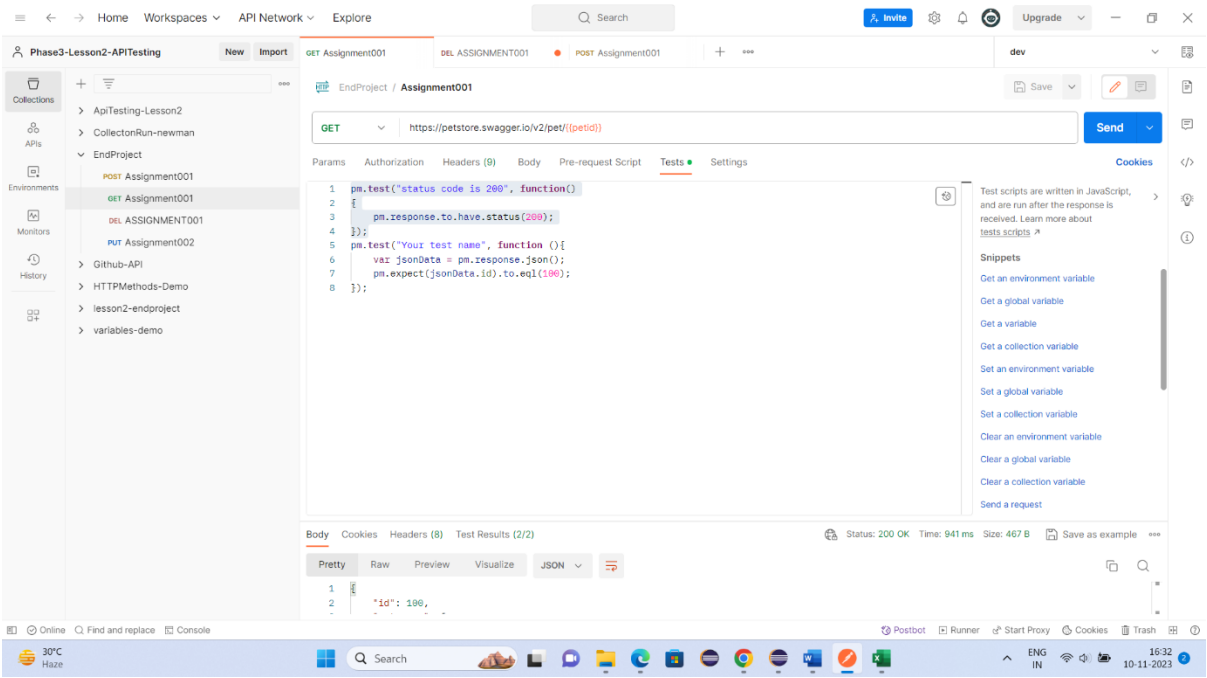
JMETER :



POSTMAN:

ASSIGNMENT001-post:

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Upgrade
Phase3-Lesson2-APITesting
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CollectonRun-newman
EndProject
POST Assignment001
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Github-API
HTTPMethods-Demo
lesson2-endproject
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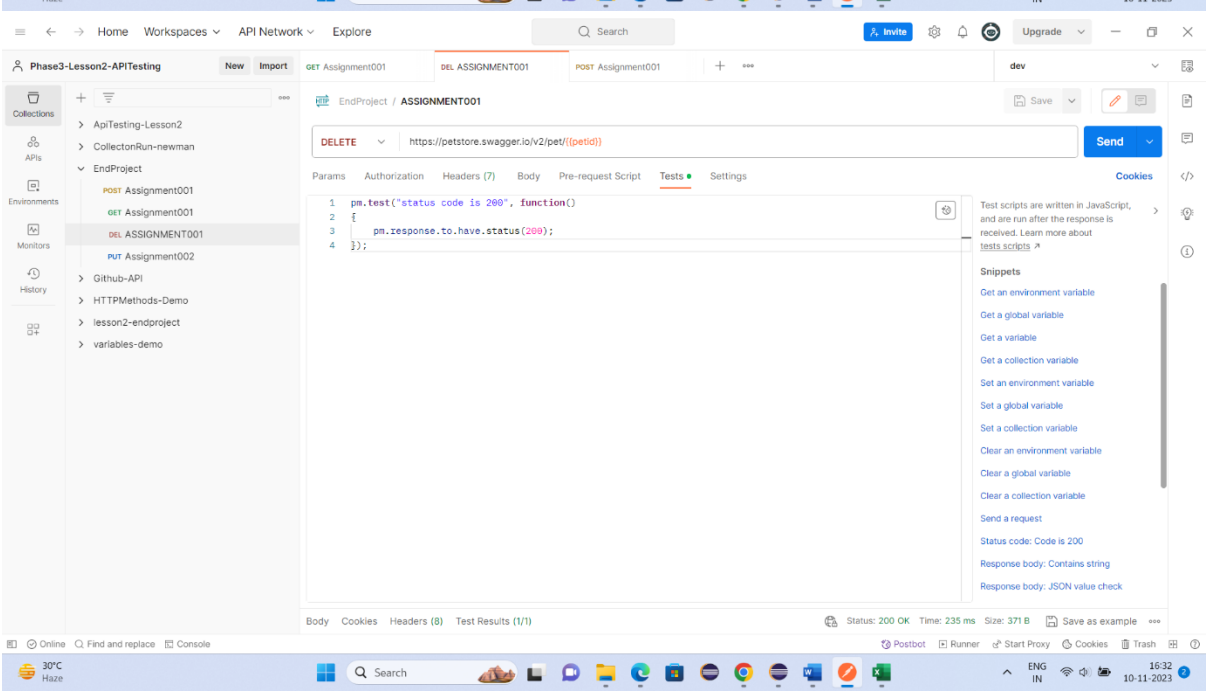
EndProject / Assignment001
Save
GET
https://petstore.swagger.io/v2/pet/{{petid}}
Send
Params Authorization Headers (9) Body Pre-request Script Tests Settings
Cookies
pm.test("status code is 200", function()
{
pm.response.to.have.status(200);
});
pm.test("Your test name", function (){
var jsonData = pm.response.json();
pm.expect(jsonData.id).to.eql(100);
});
Test scripts are written in JavaScript, and are run after the response is received. Learn more about tests scripts
Snippets
Get an environment variable
Get a global variable
Get a variable
Get a collection variable
Set an environment variable
Set a global variable
Set a collection variable
Clear an environment variable
Clear a global variable
Clear a collection variable
Send a request
Body Cookies Headers (8) Test Results (2/2)
Status: 200 OK Time: 941 ms Size: 467 B
Save as example
Pretty Raw Preview Visualize JSON
{
"id": 100,
Online Find and replace Console
Postbot Runner Start Proxy Cookies Trash
30°C Haze
Search
ENG IN
16:32 10-11-2023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variables-demo
EndProject / ASSIGNMENT001
Save
DELETE
https://petstore.swagger.io/v2/pet/{{petid}}
Send
Params Authorization Headers (7) Body Pre-request Script Tests Settings
Cookies
pm.test("status code is 200", function()
{
pm.response.to.have.status(200);
});
Test scripts are written in JavaScript, and are run after the response is received. Learn more about tests scripts
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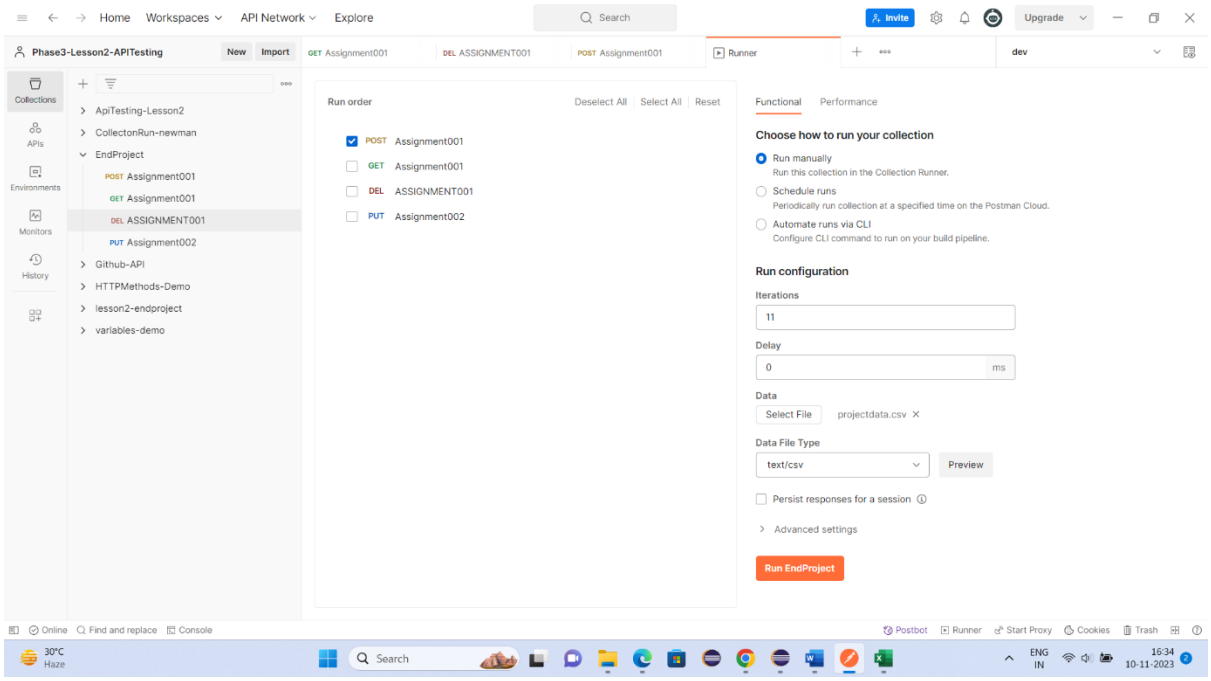
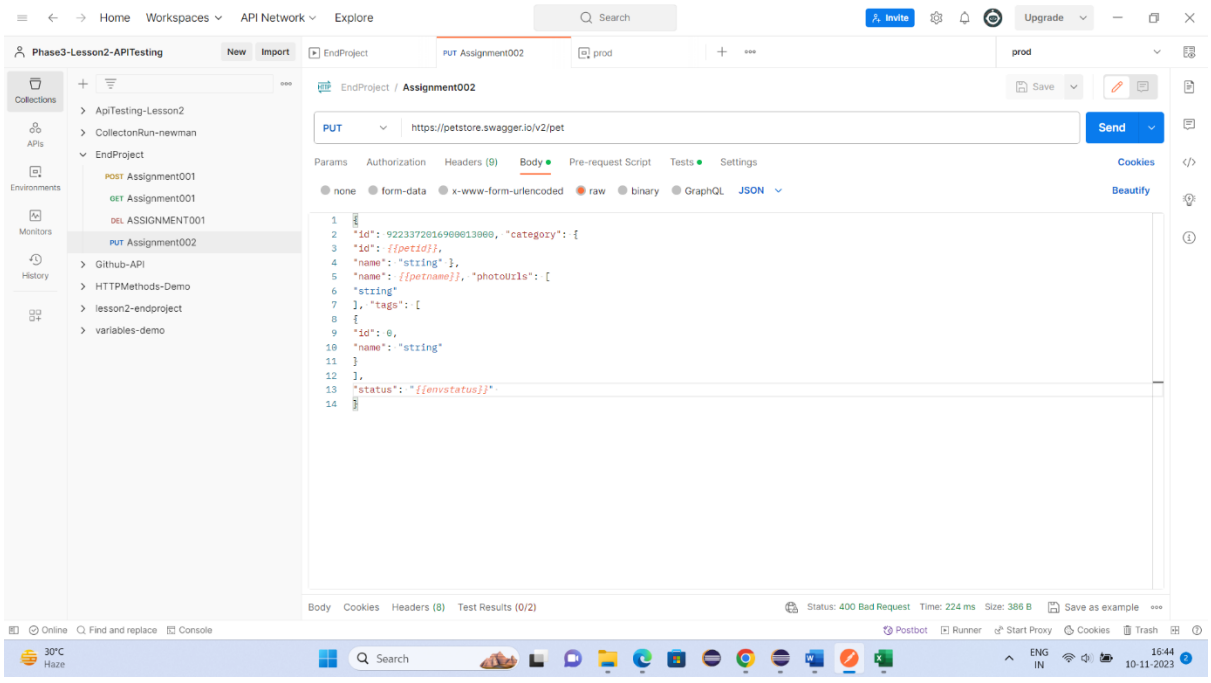
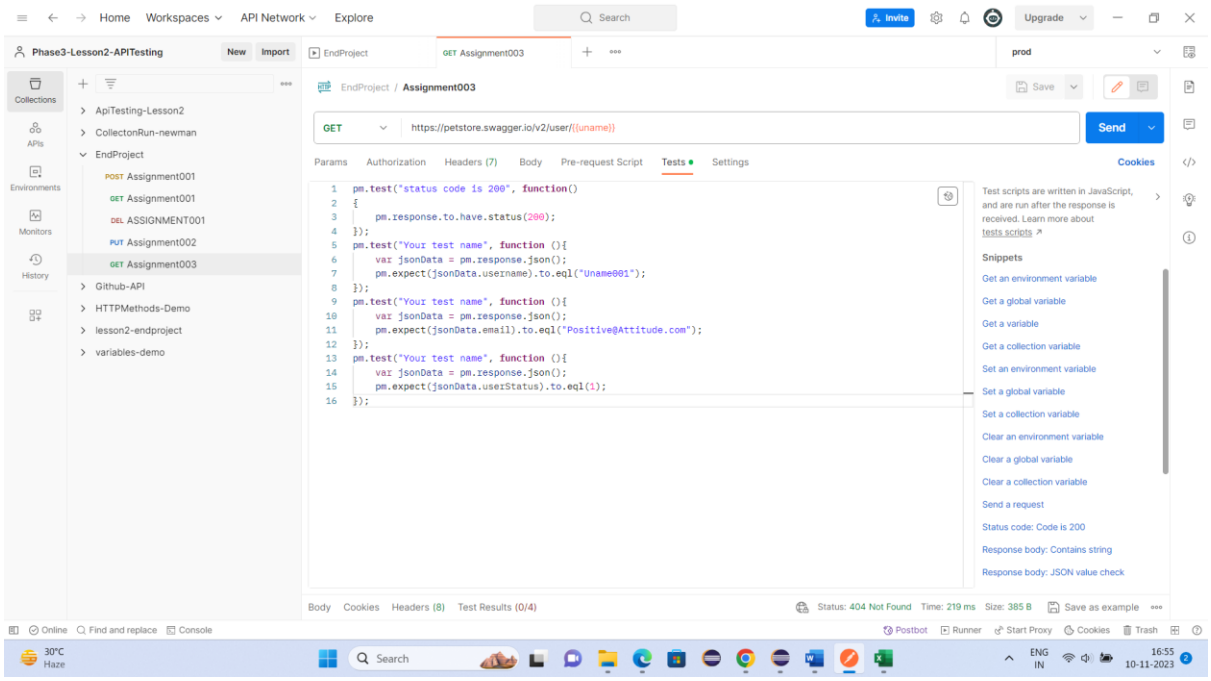
Get a global variable
Get a variable
Get a collection variable
Set an environment variable
Set a global variable
Set a collection variable
Clear an environment variable
Clear a global variable
Clear a collection variable
Send a request
Status code: Code is 200
Response body: Contains string
Response body: JSON value check
Body Cookies Headers (8) Test Results (1/1)
Status: 200 OK Time: 235 ms Size: 371 B
Save as example
Online Find and replace Console
Postbot Runner Start Proxy Cookies Trash
30°C Haze
Search
ENG IN
16:32 10-11-2023



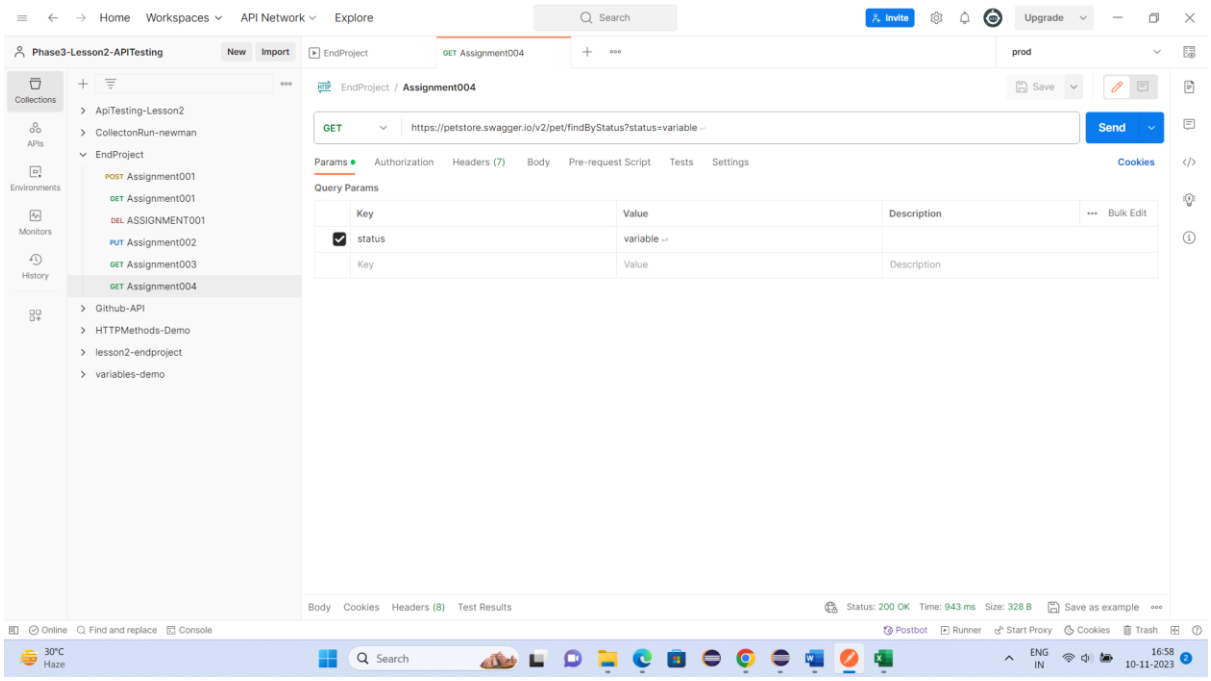
ASSIGNMENT002-PUT:



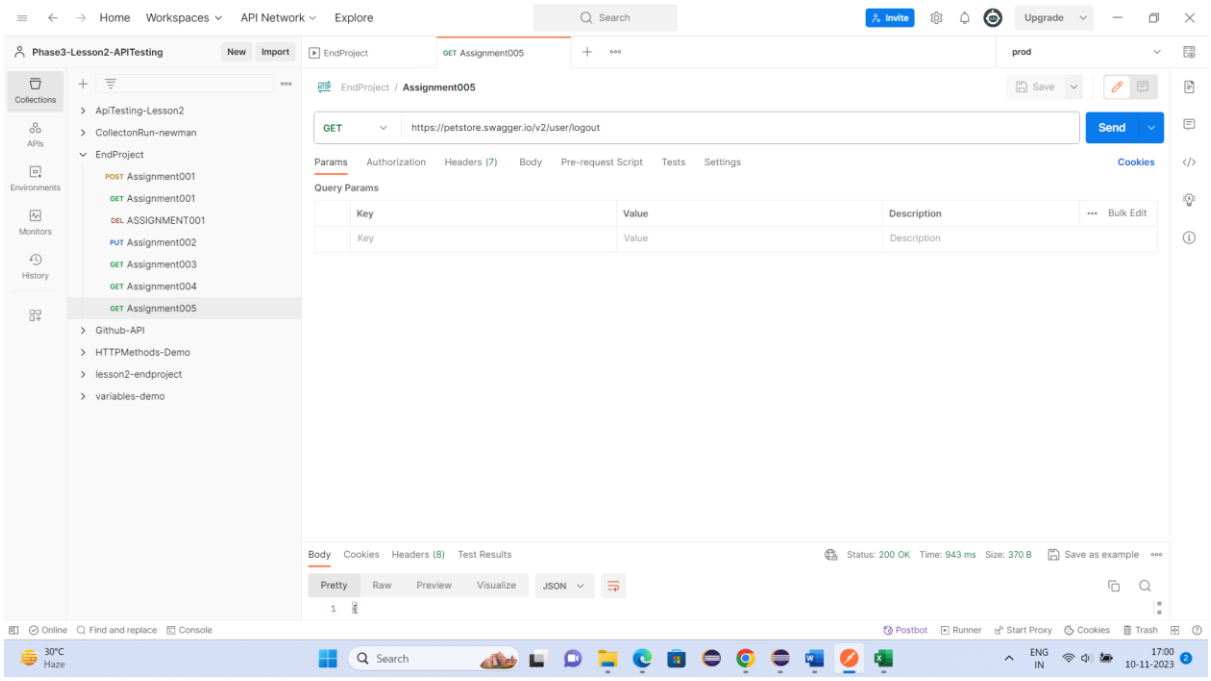
Assignment003:



Assignment004:



Assignment005: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GET Assignment003
GET Assignment004
GET Assignment005
Github-API
HTTPMethods-Demo
lesson2-endproject
variables-demo
EndProject / Assignment005
Save
GET
https://petstore.swagger.io/v2/user/logout
Send
Params
Authorization
Headers (7)
Body
Pre-request Script
Tests
Settings
Cookies
Query Params
Key
Value
Description
Bulk Edit
Body
Cookies
Headers (8)
Test Results
Status: 200 OK
Time: 943 ms
Size: 370 B
Save as example
Pretty
Raw
Preview
Visualize
JSON
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Trash
30°C
Haze
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IN
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