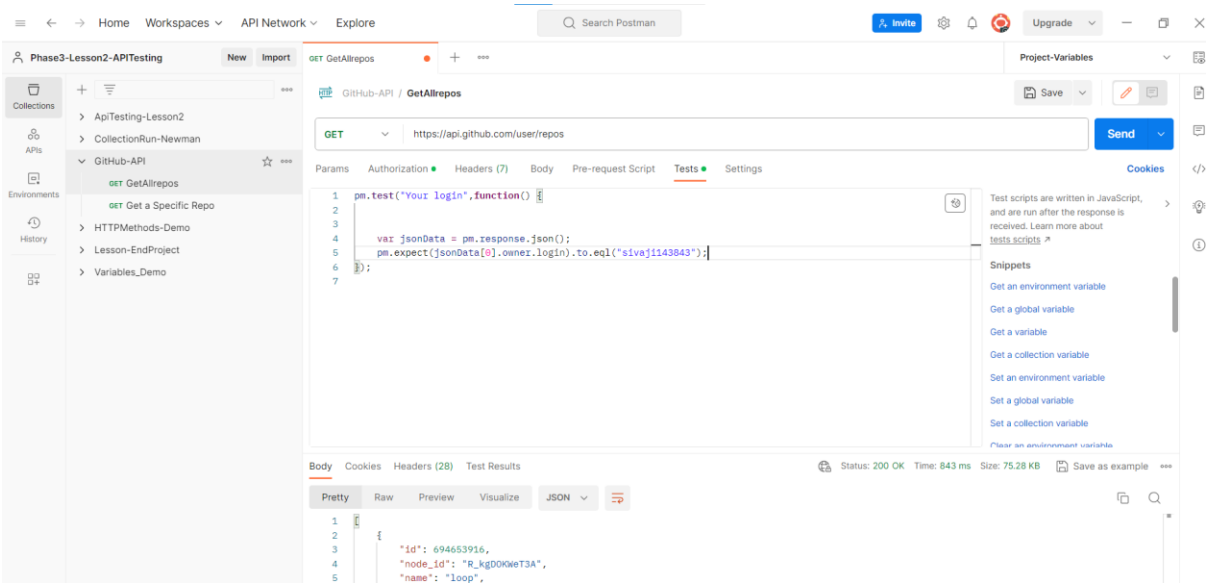
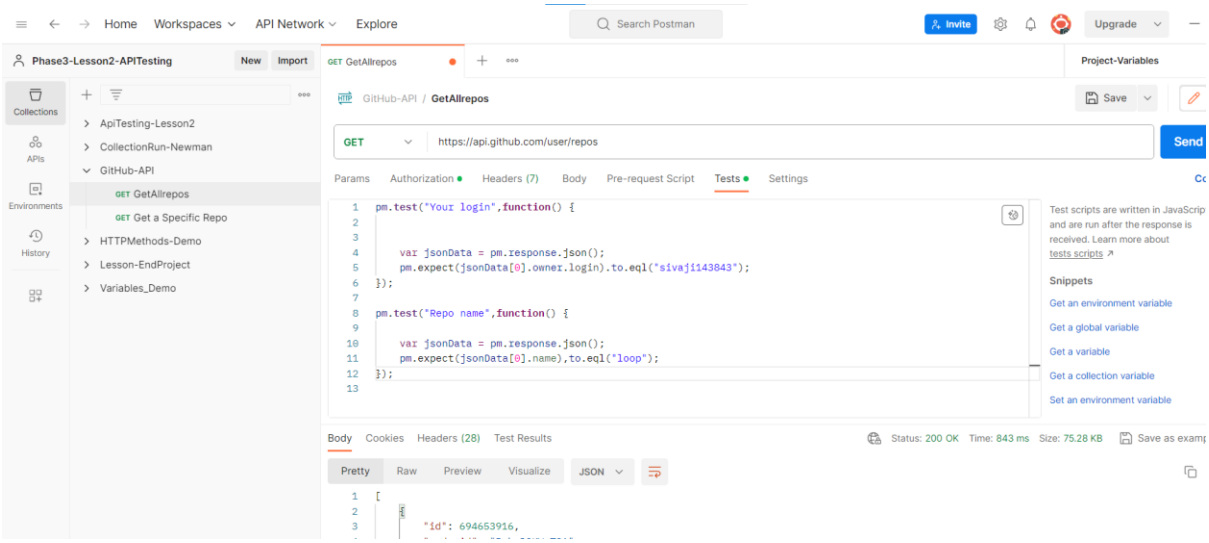
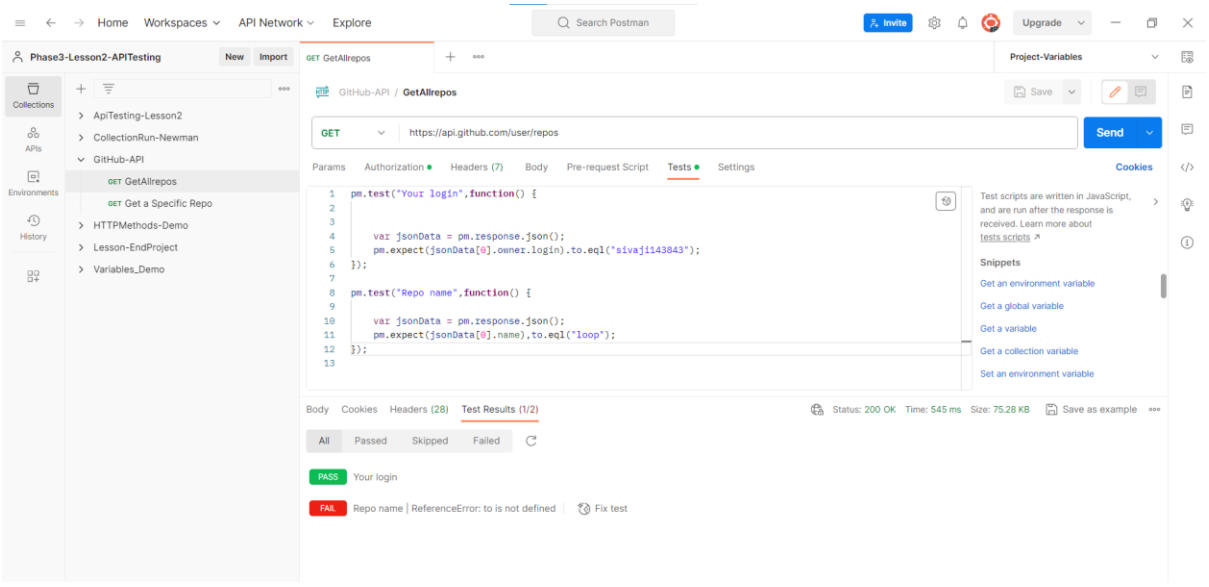
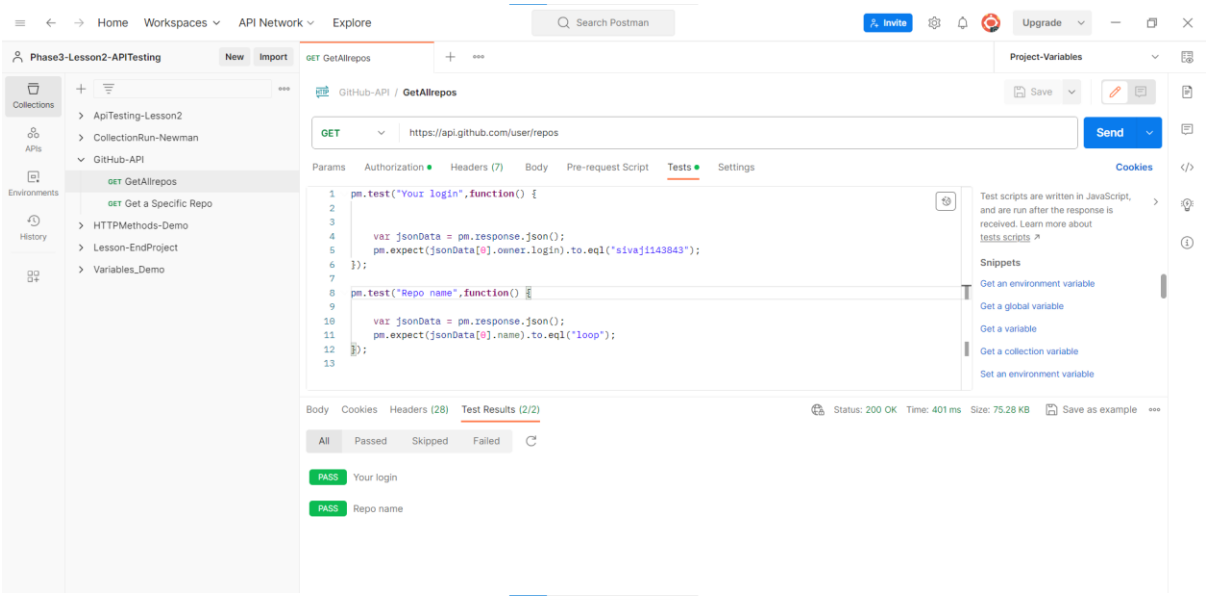
Aim: To perform the test scripts are written in Postman.





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GET GetAllrepos
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GET Get a Specific Repo
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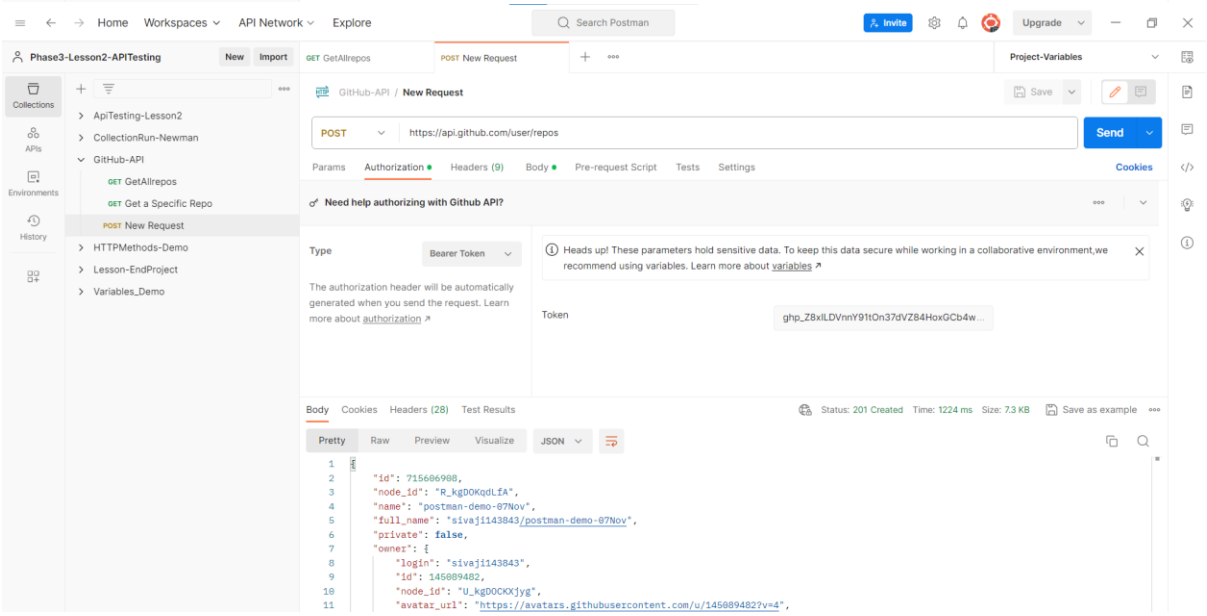
Lesson-EndProject
Variables_Demo
GitHub-API / GetAllrepos
Save
GET
https://api.github.com/user/repos
Send
Params Authorization Headers (7) Body Pre-request Script Tests Settings
Cookies
pm.test("Your login",function() {
var jsonData = pm.response.json();
pm.expect(jsonData[0].owner.login).to.eql("sivaji143843");
});
pm.test("Repo name",function() {
var jsonData = pm.response.json();
pm.expect(jsonData[0].name).to.eql("loop");
});
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
Body Cookies Headers (28) Test Results (2/2)
Status: 200 OK Time: 401 ms Size: 75.28 KB
Save as example
All Passed Skipped Failed
PASS Your login
PASS Repo name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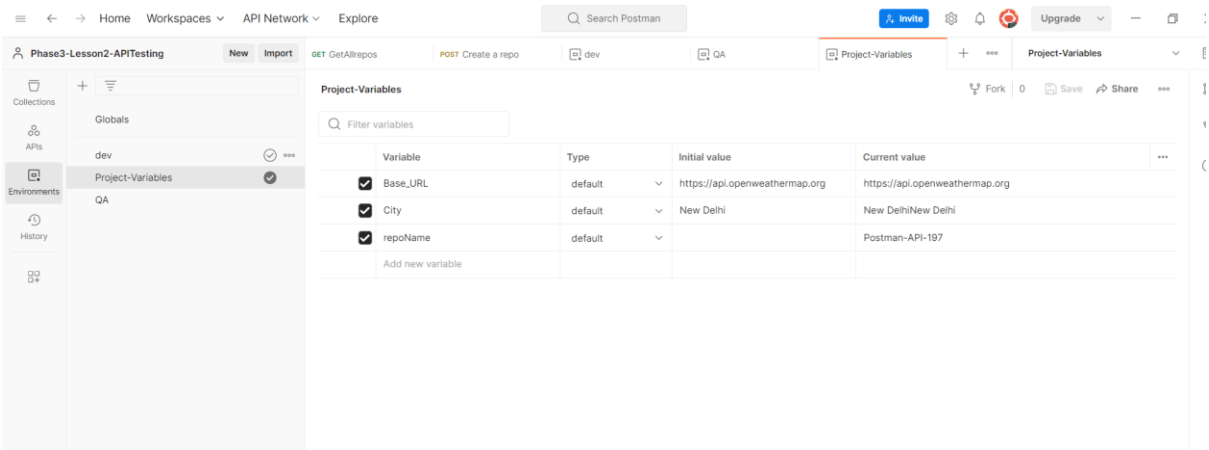
Params Authorization Headers (9) Body Pre-request Script Tests Settings
Cookies
Need help authorizing with Github API?
Type
Bearer Token
The authorization header will be automatically generated when you send the request. Learn more about authorization
Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment,we recommend using variables. Learn more about variables
Token
ghp_Z8xILDVnnY91tOn37dVZ84HoxGCb4w...
Body Cookies Headers (28) Test Results
Status: 201 Created Time: 1224 ms Size: 7.3 KB
Save as example
Pretty Raw Preview Visualize JSON
{
"id": 715606988,
"node_id": "R_kgDOKqdLfA",
"name": "postman-demo-07Nov",
"full_name": "sivaji143843/postman-demo-07Nov",
"private": false,
"owner": {
"login": "sivaji143843",
"id": 145089482,
"node_id": "U_kgDOCKXjyg",
"avatar_url": "https://avatars.githubusercontent.com/u/145089482?v=4",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Project-Variables
Project-Variables
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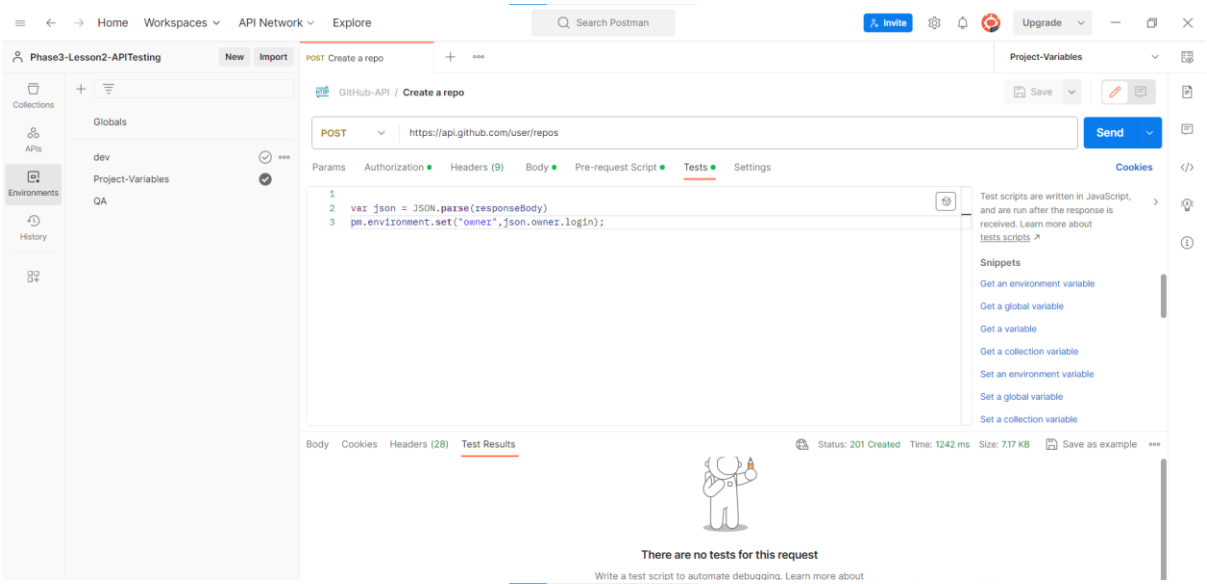
dev
Project-Variables
QA
Project-Variables
Fork 0
Save
Share
Filter variables
Variable Type Initial value Current value
Base_URL default https://api.openweathermap.org https://api.openweathermap.org
City default New Delhi New DelhiNew Delhi
repoName default Postman-API-197
Add new variable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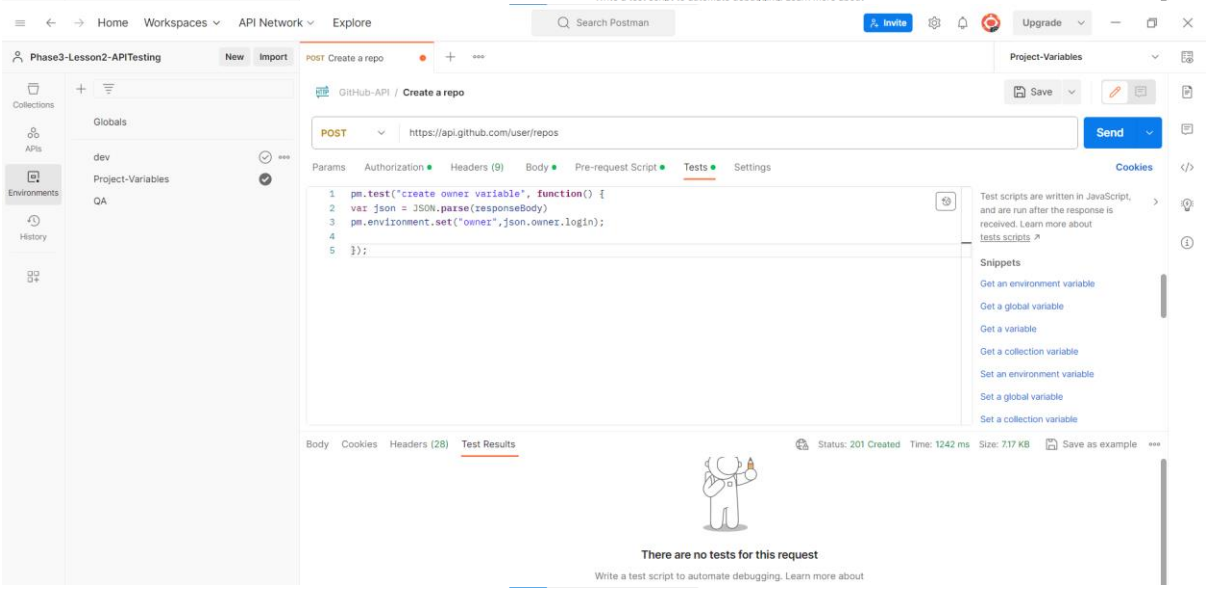
https://api.github.com/user/repos
Send
Params Authorization Headers (9) Body Pre-request Script Tests Settings
Cookies
1 var json = JSON.parse(responseBody)
2 pm.environment.set("owner",json.owner.login);
Test scripts are written in JavaScript, and are run after the response is received. Learn more about 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
Body Cookies Headers (28) Test Results
Status: 201 Created Time: 1242 ms Size: 7.17 KB Save as example
There are no tests for this request
Write a test script to automate debugging. Learn more about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Save
POST
https://api.github.com/user/repos
Send
Params Authorization Headers (9) Body Pre-request Script Tests Settings
Cookies
1 pm.test("create owner variable", function() {
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3 pm.environment.set("owner",json.owner.login);
4
5 });
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Get a collection variable
Set an environment variable
Set a global variable
Set a collection variable
Body Cookies Headers (28) Test Results
Status: 201 Created Time: 1242 ms Size: 7.17 KB Save as example
There are no tests for this request
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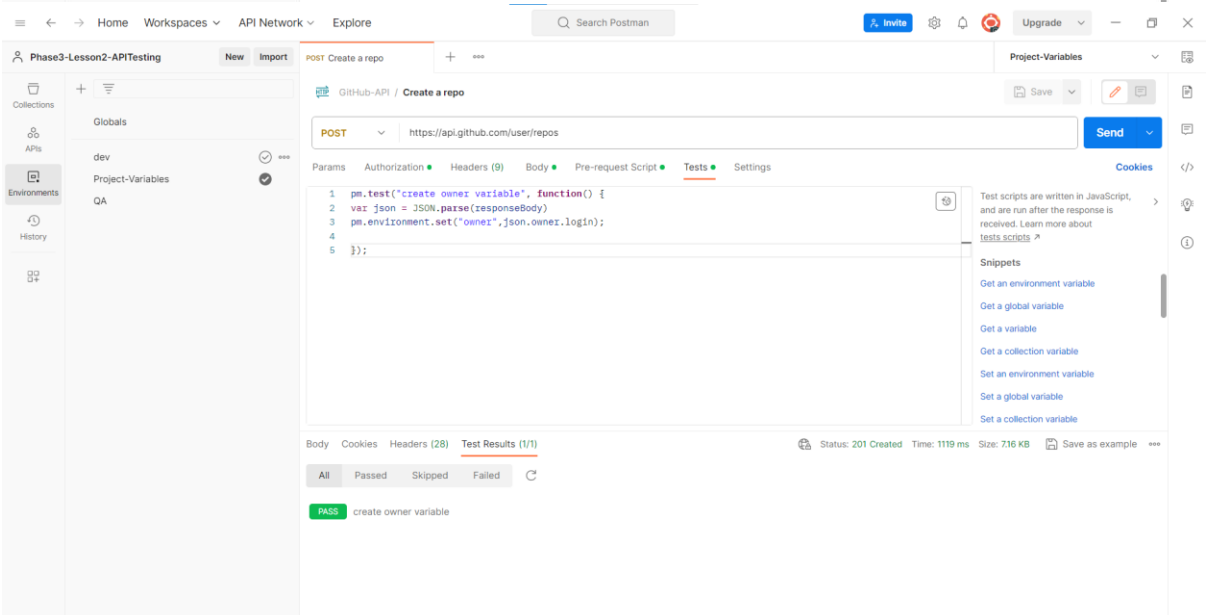
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2 var json = JSON.parse(responseBody)
3 pm.environment.set("owner",json.owner.login);
4
5 });
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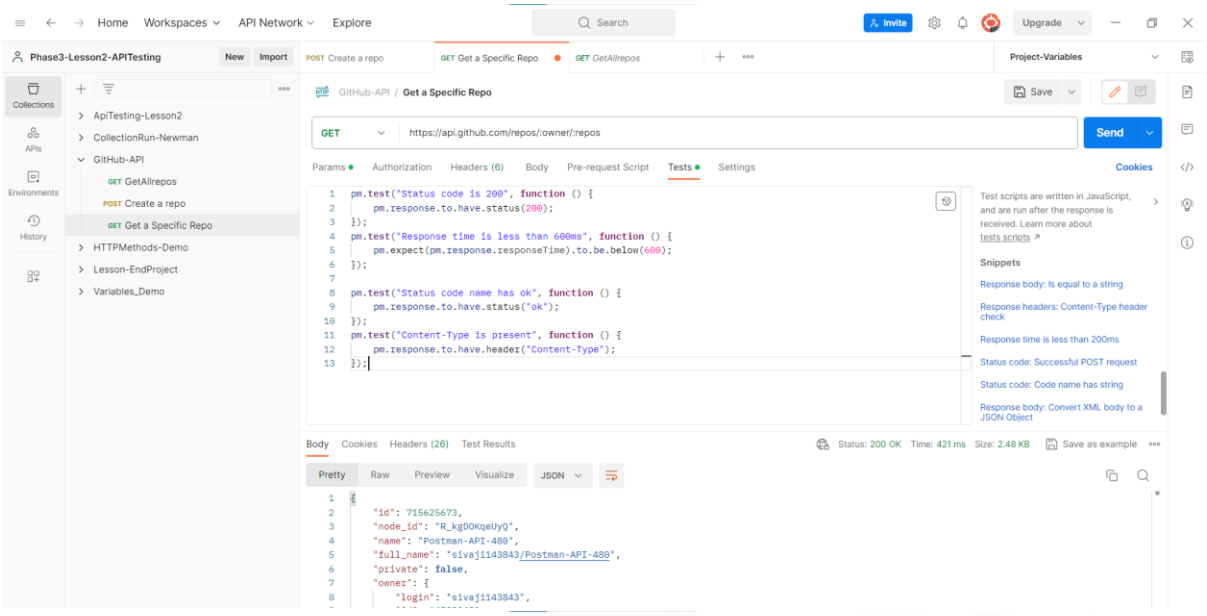
Get an environment variable
Get a global variable
Get a variable
Get a collection variable
Set an environment variable
Set a global variable
Set a collection variable
Body Cookies Headers (28) Test Results (1/1)
Status: 201 Created Time: 1119 ms Size: 7.16 KB Save as example
All Passed Skipped Failed
PASS create owner variable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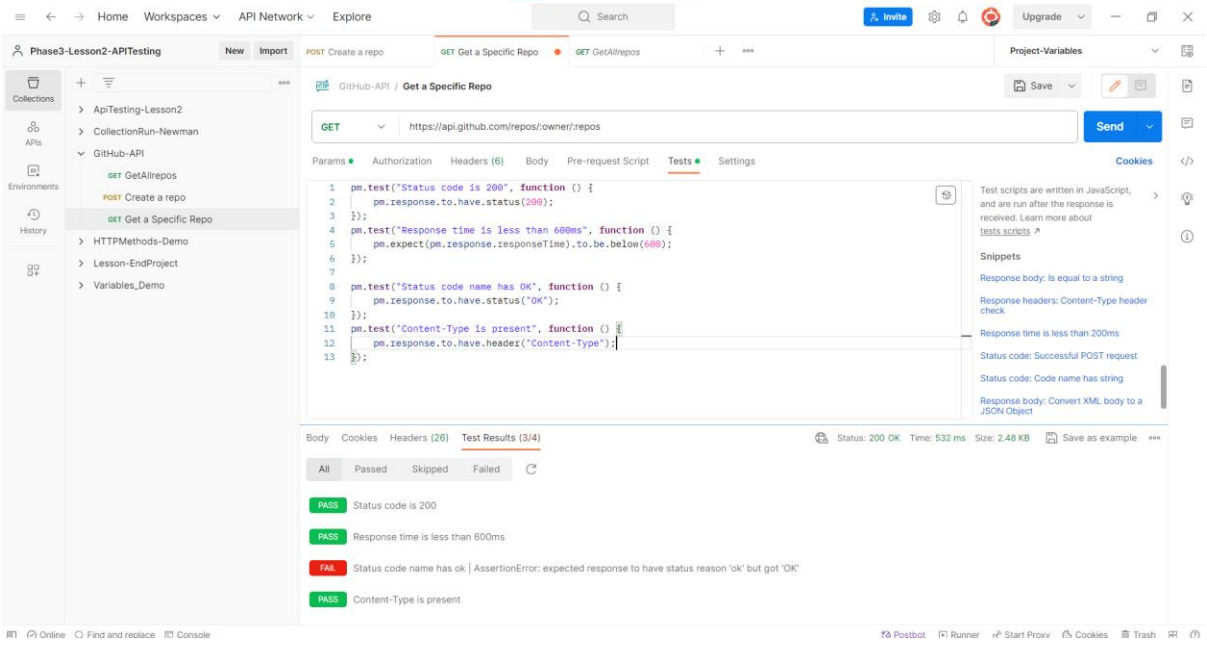
Variables_Demo
GitHub-API / Get a Specific Repo
Save
GET
https://api.github.com/repos/:owner/:repos
Send
Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies
pm.test("Status code is 200", function () {
pm.response.to.have.status(200);
});
pm.test("Response time is less than 600ms", function () {
pm.expect(pm.response.responseTime).to.be.below(600);
});
pm.test("Status code name has ok", function () {
pm.response.to.have.status("ok");
});
pm.test("Content-Type is present", function () {
pm.response.to.have.header("Content-Type");
});
Test scripts are written in JavaScript, and are run after the response is received. Learn more about tests scripts
Snippets
Response body: Is equal to a string
Response headers: Content-Type header check
Response time is less than 200ms
Status code: Successful POST request
Status code: Code name has string
Response body: Convert XML body to a JSON Object
Body
Cookies
Headers (26)
Test Results
Status: 200 OK
Time: 421 ms
Size: 2.48 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
{
"id": 715625673,
"node_id": "R_kgDOKqeUyQ",
"name": "Postman-API-480",
"full_name": "sivaji1143843/Postman-API-480",
"private": false,
"owner": {
"login": "sivaji1143843",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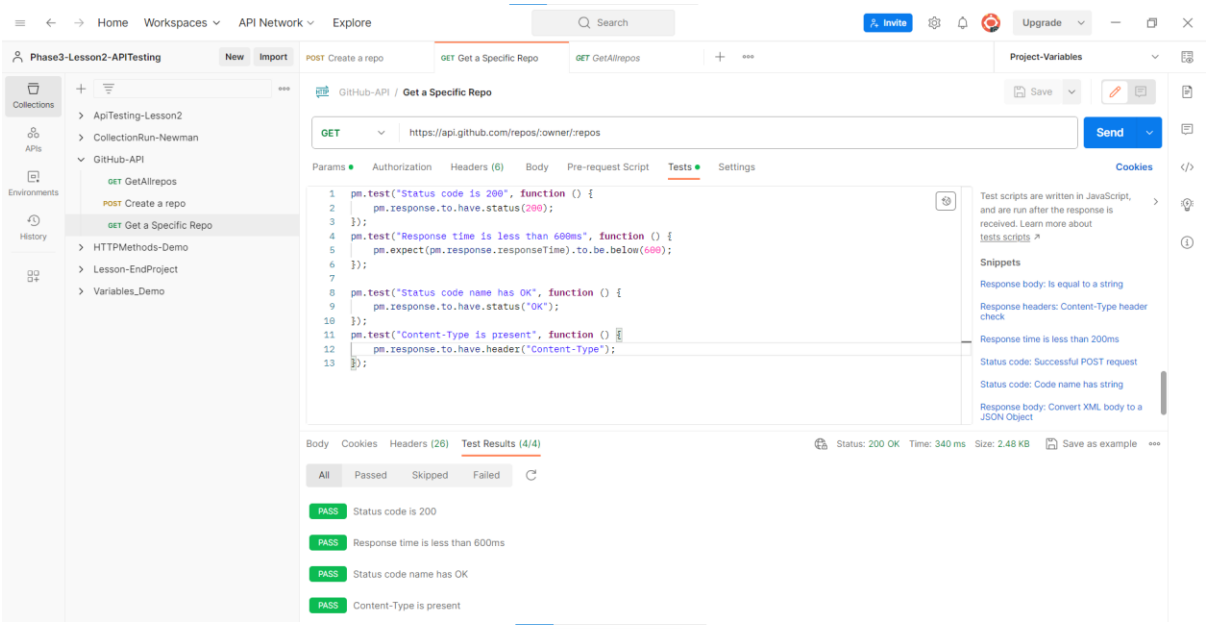
https://api.github.com/repos/:owner/:repos
Send
Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies
pm.test("Status code is 200", function () {
pm.response.to.have.status(200);
});
pm.test("Response time is less than 600ms", function () {
pm.expect(pm.response.responseTime).to.be.below(600);
});
pm.test("Status code name has OK", function () {
pm.response.to.have.status("OK");
});
pm.test("Content-Type is present", function () {
pm.response.to.have.header("Content-Type");
});
Test scripts are written in JavaScript, and are run after the response is received. Learn more about tests scripts
Snippets
Response body: Is equal to a string
Response headers: Content-Type header check
Response time is less than 200ms
Status code: Successful POST request
Status code: Code name has string
Response body: Convert XML body to a JSON Object
Body
Cookies
Headers (26)
Test Results (3/4)
Status: 200 OK
Time: 532 ms
Size: 2.48 KB
Save as example
All
Passed
Skipped
Failed
PASS
Status code is 200
PASS
Response time is less than 600ms
FAIL
Status code name has ok | AssertionError: expected response to have status reason 'ok' but got 'OK'
PASS
Content-Type is present
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Trash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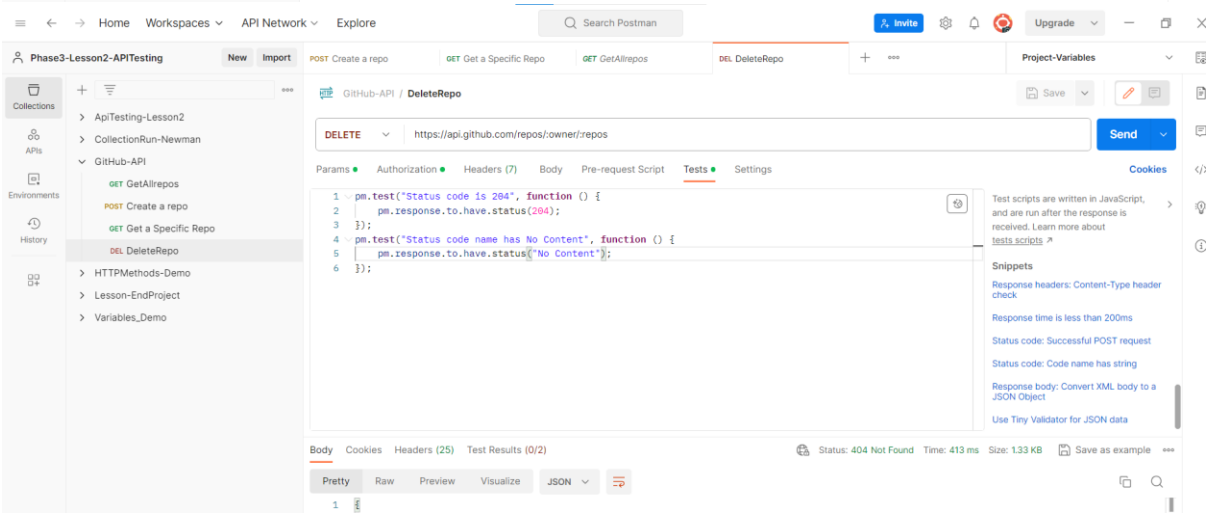
Save
GET
https://api.github.com/repos/:owner/:repos
Send
Params
Authorization
Headers (6)
Body
Pre-request Script
Tests
Settings
Cookies
pm.test("Status code is 200", function () {
pm.response.to.have.status(200);
});
pm.test("Response time is less than 600ms", function () {
pm.expect(pm.response.responseTime).to.be.below(600);
});
pm.test("Status code name has OK", function () {
pm.response.to.have.status("OK");
});
pm.test("Content-Type is present", function () {
pm.response.to.have.header("Content-Type");
});
Test scripts are written in JavaScript, and are run after the response is received. Learn more about tests scripts
Snippets
Response body: Is equal to a string
Response headers: Content-Type header check
Response time is less than 200ms
Status code: Successful POST request
Status code: Code name has string
Response body: Convert XML body to a JSON Object
Body
Cookies
Headers (26)
Test Results (4/4)
Status: 200 OK
Time: 340 ms
Size: 2.48 KB
Save as example
All
Passed
Skipped
Failed
PASS
Status code is 200
PASS
Response time is less than 600ms
PASS
Status code name has OK
PASS
Content-Type is present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DEL DeleteRepo
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Variables_Demo
GitHub-API / DeleteRepo
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DELETE
https://api.github.com/repos/:owner/:repos
Send
Params
Authorization
Headers (7)
Body
Pre-request Script
Tests
Settings
Cookies
pm.test("Status code is 204", function () {
pm.response.to.have.status(204);
});
pm.test("Status code name has No Content", function () {
pm.response.to.have.status("No Content");
});
Test scripts are written in JavaScript, and are run after the response is received. Learn more about tests scripts
Snippets
Response headers: Content-Type header check
Response time is less than 200ms
Status code: Successful POST request
Status code: Code name has string
Response body: Convert XML body to a JSON Object
Use Tiny Validator for JSON data
Body
Cookies
Headers (25)
Test Results (0/2)
Status: 404 Not Found
Time: 413 ms
Size: 1.33 KB
Save as example
Pretty
Raw
Preview
Visualize
JSON
{