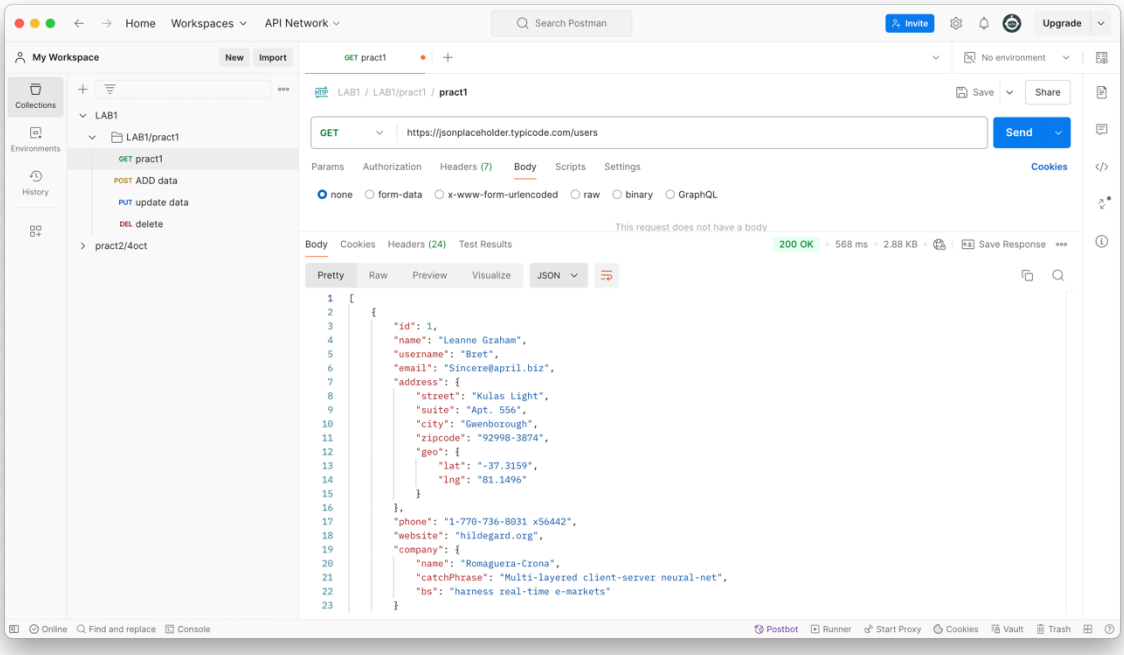
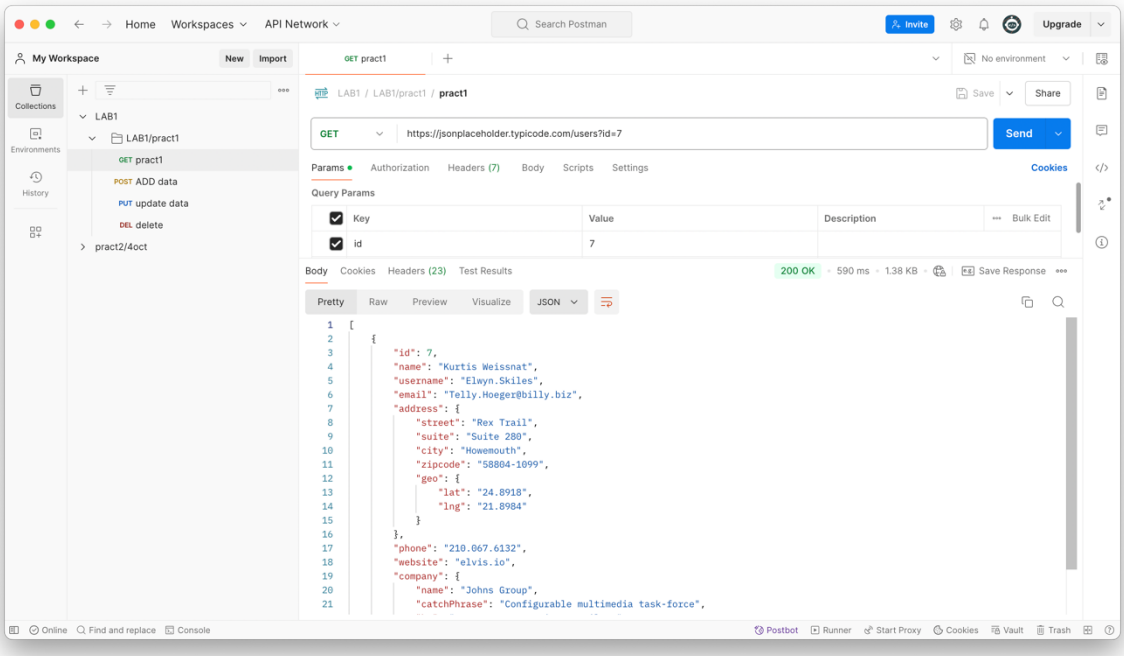
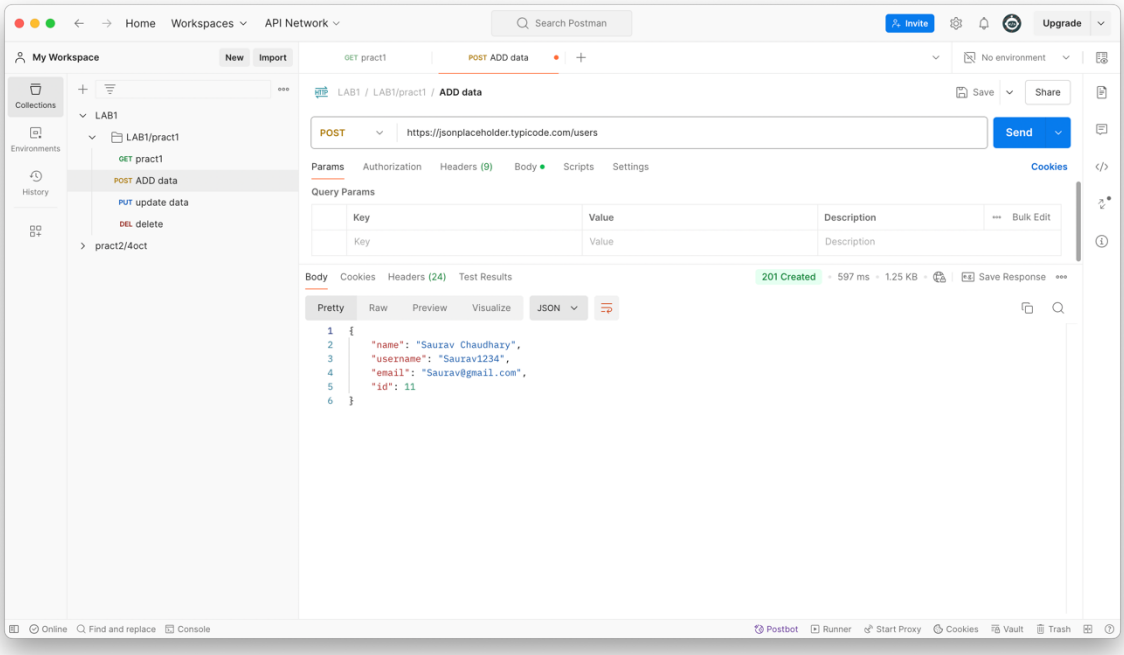
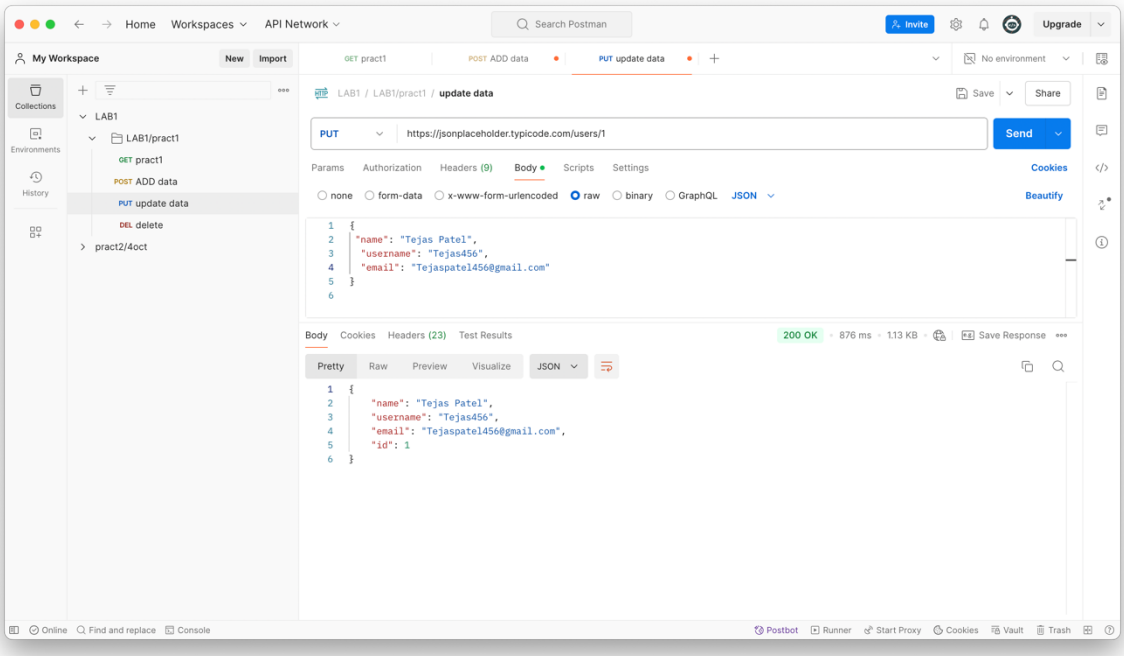
CHAUDHARY SAURAV ROLL NUMBER: 23034211064

1. Write a POSTMAN program to create a collection, create a folder in it and manage requests.

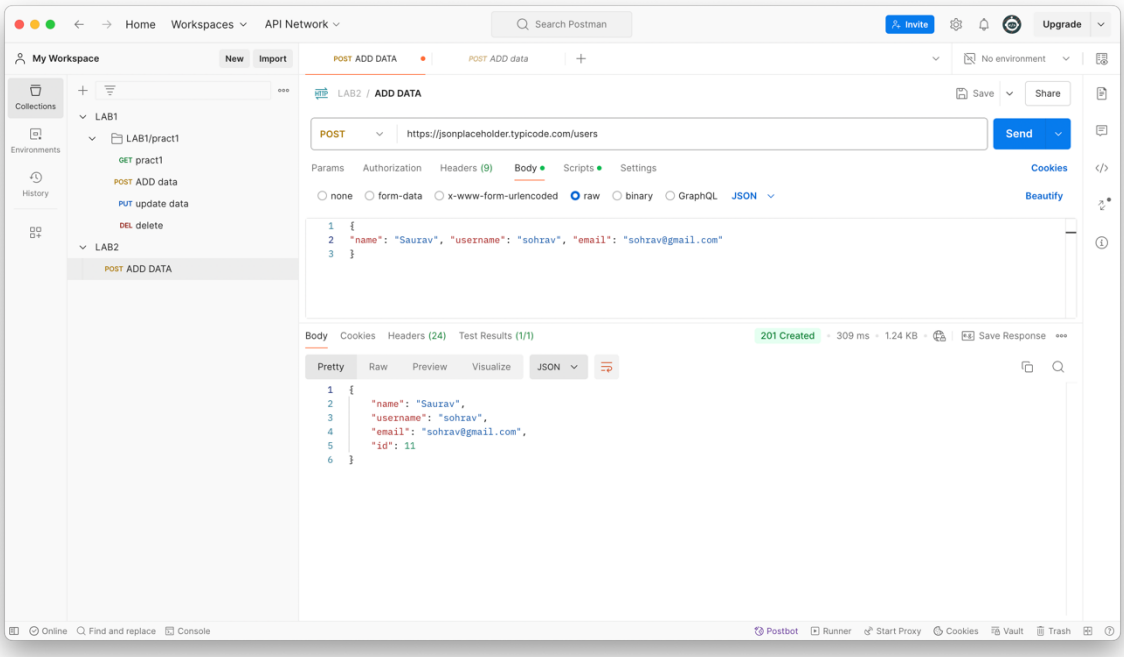


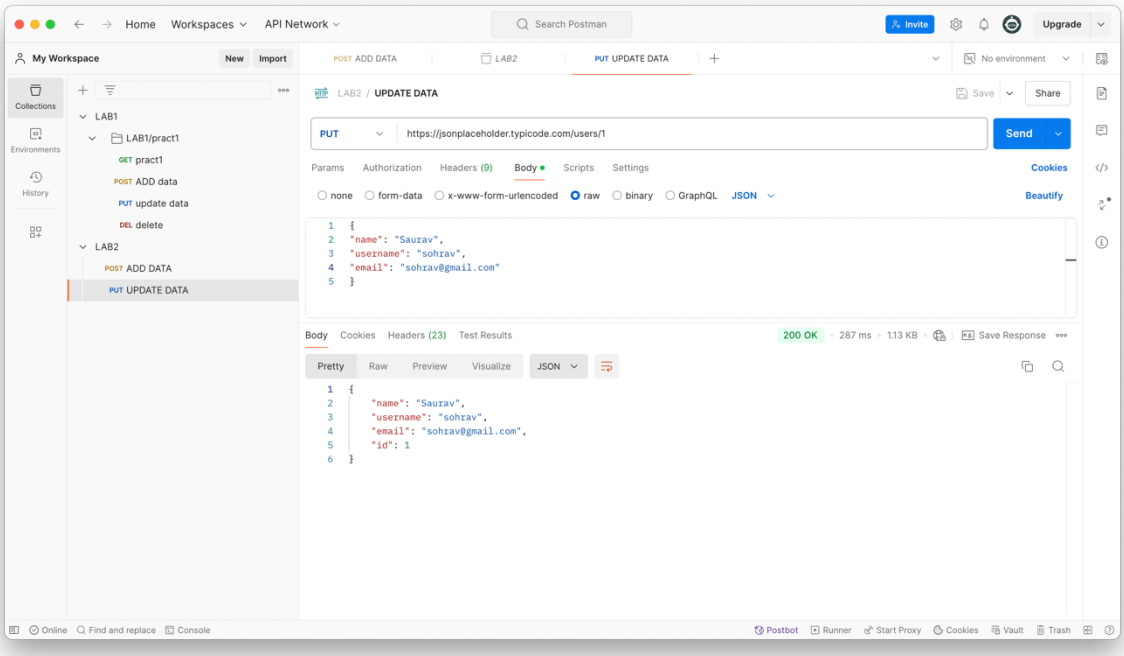


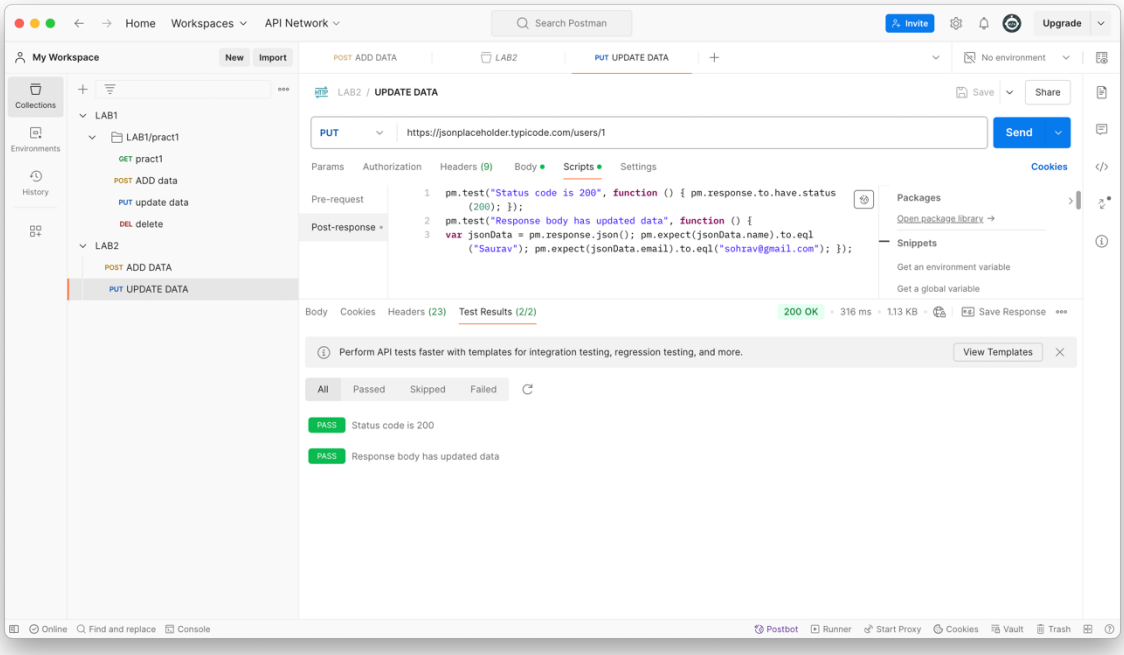

Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
GET pract1
POST ADD data
No environment
Collections
Environments
History
LAB1
LAB1/pract1
GET pract1
POST ADD data
PUT update data
DEL delete
pract2/4oct
LAB1 / LAB1/pract1 / ADD data
Save
Share
POST
https://jsonplaceholder.typicode.com/users
Send
Params
Authorization
Headers (9)
Body
Scripts
Settings
Cookies
Query Params
Key
Value
Description
Bulk Edit
Body
Cookies
Headers (24)
Test Results
201 Created
597 ms
1.25 KB
Save Response
Pretty
Raw
Preview
Visualize
JSON
{
"name": "Saurav Chaudhary",
"username": "Saurav1234",
"email": "Saurav@gmail.com",
"id": 11
}
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash

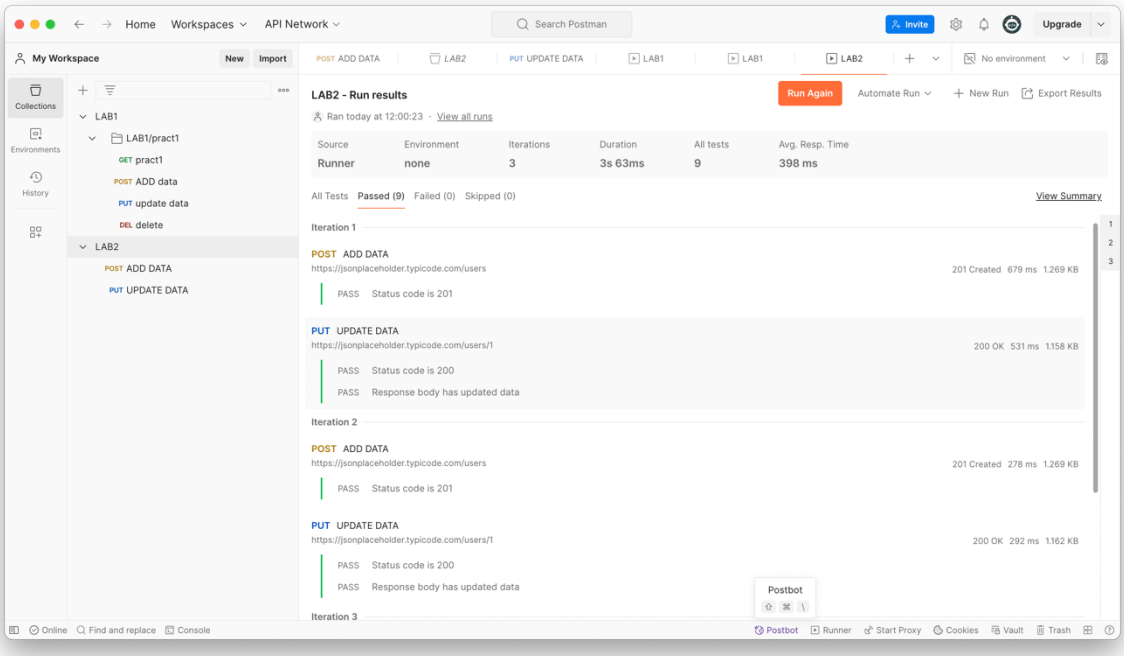

Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
GET pract1
POST ADD data
PUT update data
No environment
Collections
Environments
History
LAB1
LAB1/pract1
GET pract1
POST ADD data
PUT update data
DEL delete
pract2/4oct
LAB1 / LAB1/pract1 / update data
Save
Share
PUT
https://jsonplaceholder.typicode.com/users/1
Send
Params
Authorization
Headers (9)
Body
Scripts
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
{
"name": "Tejas Patel",
"username": "Tejas456",
"email": "Tejaspatel456@gmail.com"
}
Body
Cookies
Headers (23)
Test Results
200 OK
876 ms
1.13 KB
Save Response
Pretty
Raw
Preview
Visualize
JSON
{
"name": "Tejas Patel",
"username": "Tejas456",
"email": "Tejaspatel456@gmail.com",
"id": 1
}
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash

2. In POSTMAN demonstrate the collection runner.

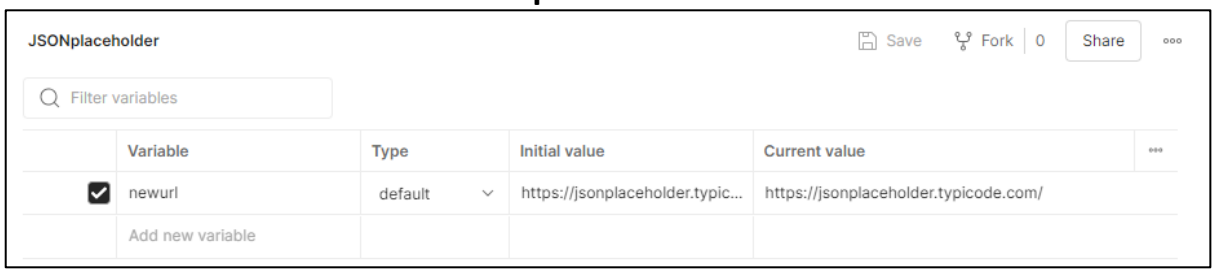


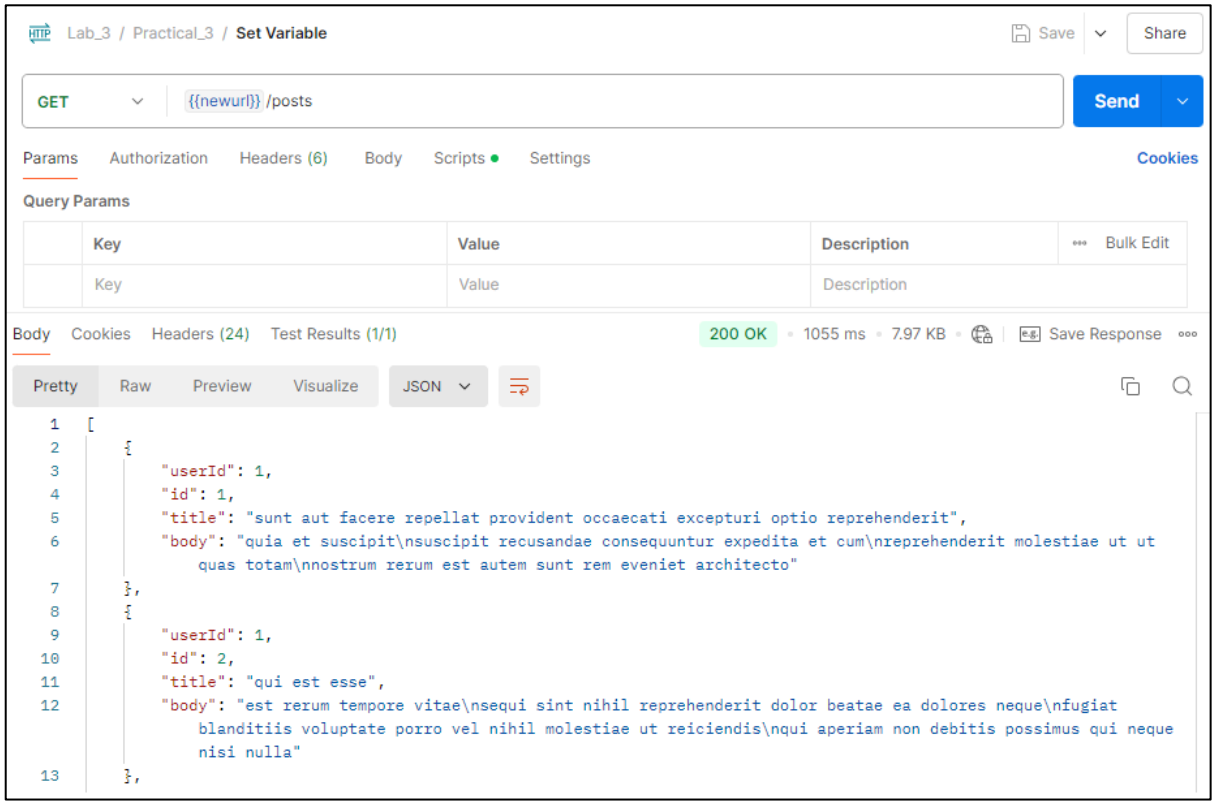


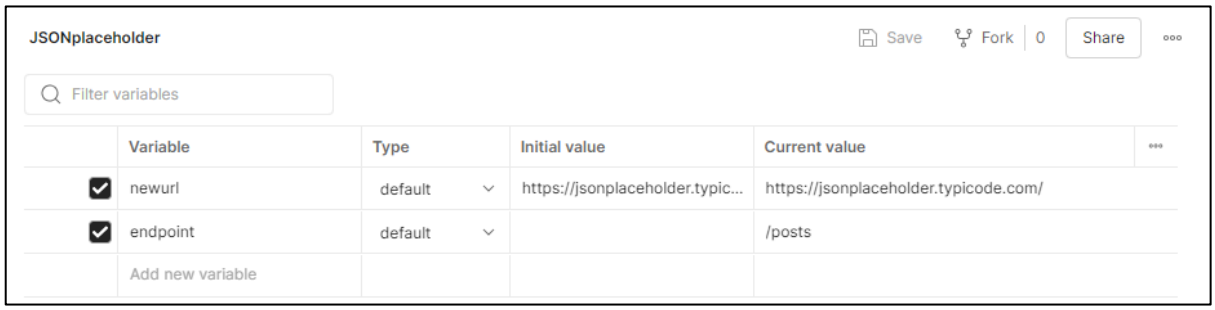

Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
POST ADD DATA
LAB2
PUT UPDATE DATA
No environment
Collections
Environments
History
LAB1
LAB1/pract1
GET pract1
POST ADD data
PUT update data
DEL delete
LAB2
POST ADD DATA
PUT UPDATE DATA
LAB2 / UPDATE DATA
Save
Share
PUT
https://jsonplaceholder.typicode.com/users/1
Send
Params
Authorization
Headers (9)
Body
Scripts
Settings
Cookies
Pre-request
Post-response
pm.test("Status code is 200", function () { pm.response.to.have.status (200); });
pm.test("Response body has updated data", function () {
var jsonData = pm.response.json(); pm.expect(jsonData.name).to.eql ("Saurav"); pm.expect(jsonData.email).to.eql("sohrav@gmail.com"); });
Packages
Open package library
Snippets
Get an environment variable
Get a global variable
Body
Cookies
Headers (23)
Test Results (2/2)
200 OK
316 ms
1.13 KB
Save Response
Perform API tests faster with templates for integration testing, regression testing, and more.
View Templates
All
Passed
Skipped
Failed
PASS
Status code is 200
PASS
Response body has updated data
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Vault
Trash


Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
LAB1
LAB2
No environment
LAB2 - Run results
Run Again
Automate Run
New Run
Export Results
Ran today at 12:00:23
View all runs
Source
Environment
Iterations
Duration
All tests
Avg. Resp. Time
Runner
none
3
3s 63ms
9
398 ms
All Tests
Passed (9)
Failed (0)
Skipped (0)
View Summary
Iteration 1
POST ADD DATA
https://jsonplaceholder.typicode.com/users
201 Created 679 ms 1.269 KB
PASS Status code is 201
PUT UPDATE DATA
https://jsonplaceholder.typicode.com/users/1
200 OK 531 ms 1.158 KB
PASS Status code is 200
PASS Response body has updated data
Iteration 2
POST ADD DATA
https://jsonplaceholder.typicode.com/users
201 Created 278 ms 1.269 KB
PASS Status code is 201
PUT UPDATE DATA
https://jsonplaceholder.typicode.com/users/1
200 OK 292 ms 1.162 KB
PASS Status code is 200
PASS Response body has updated data
Iteration 3
Postbot

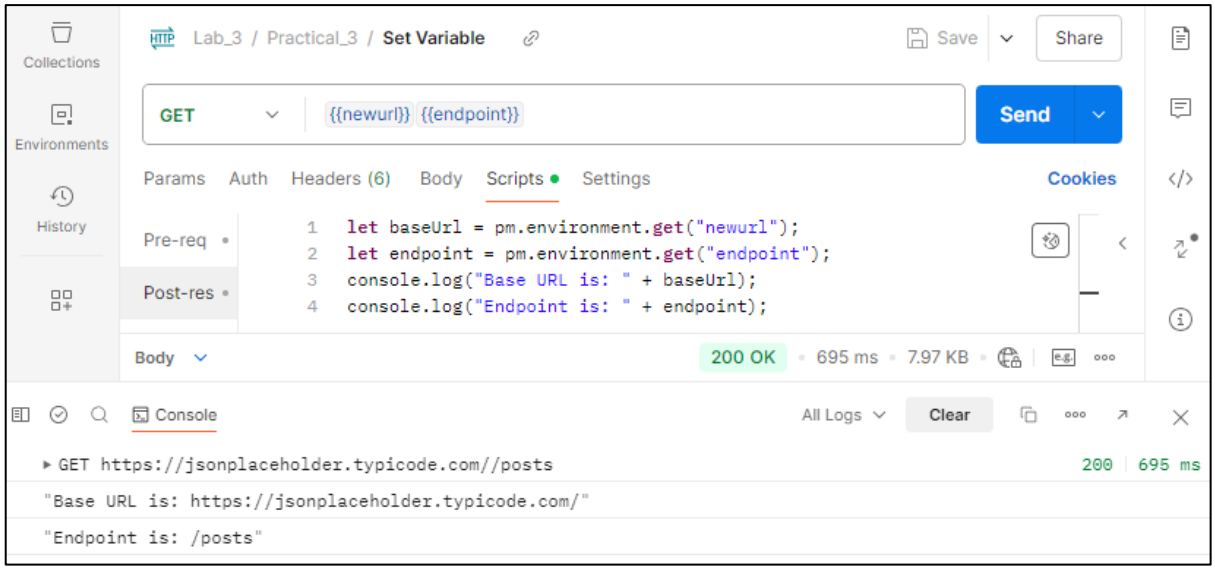
3. Perform Set and Get variables operations.



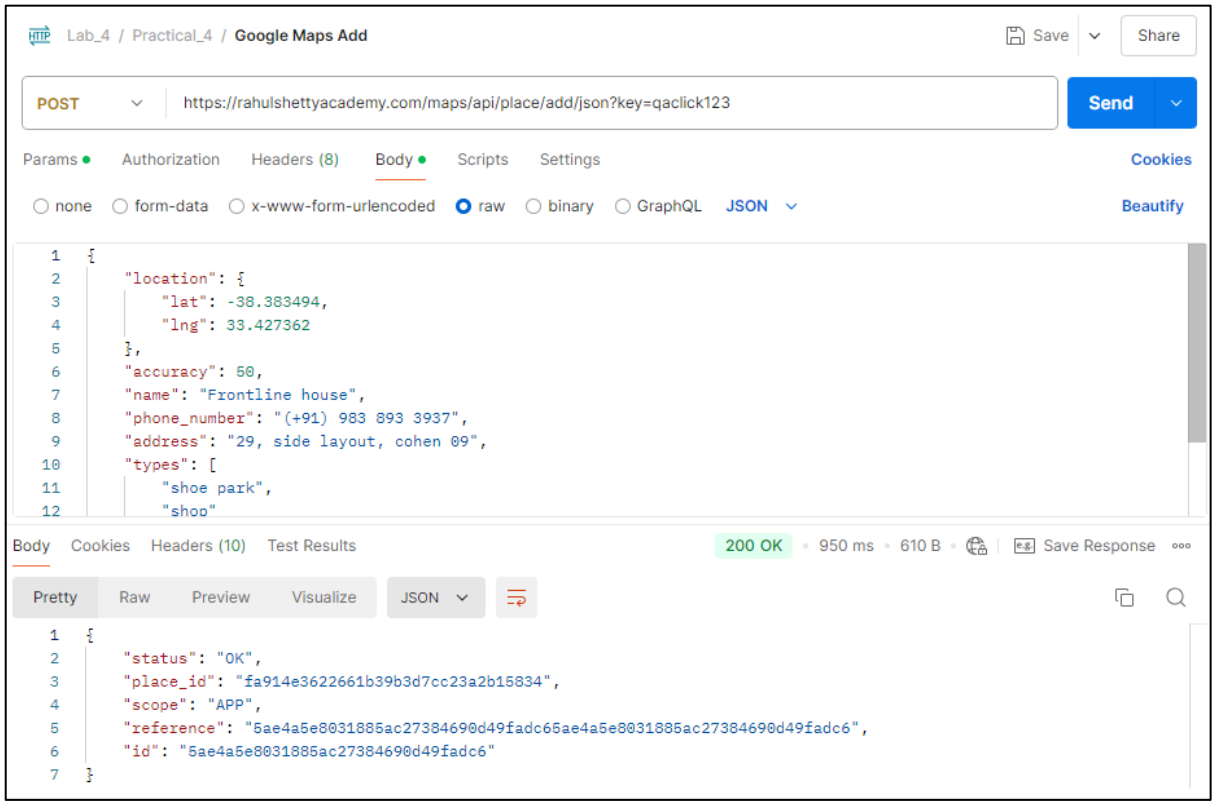


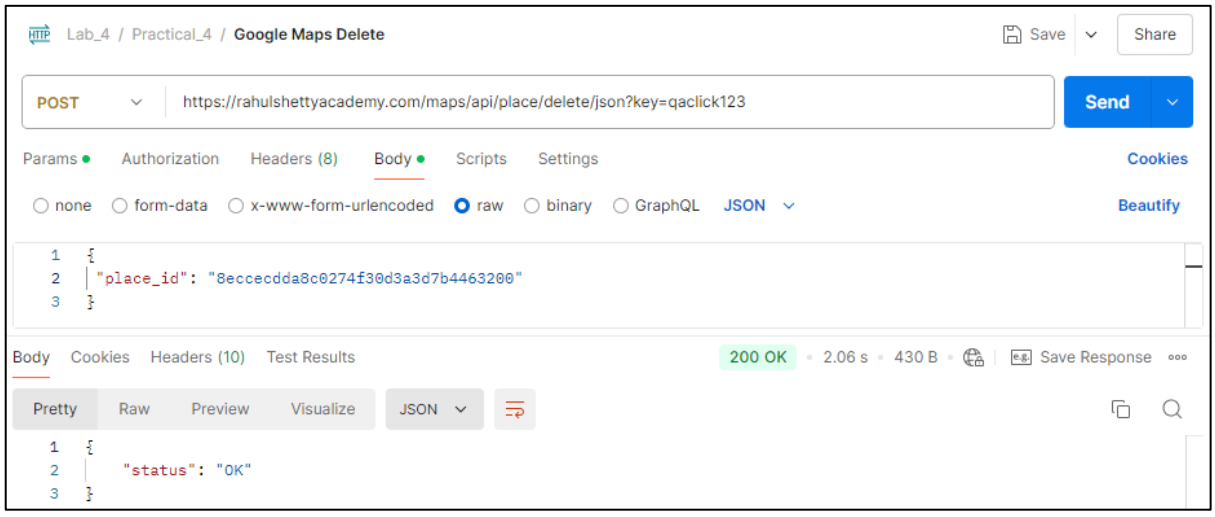


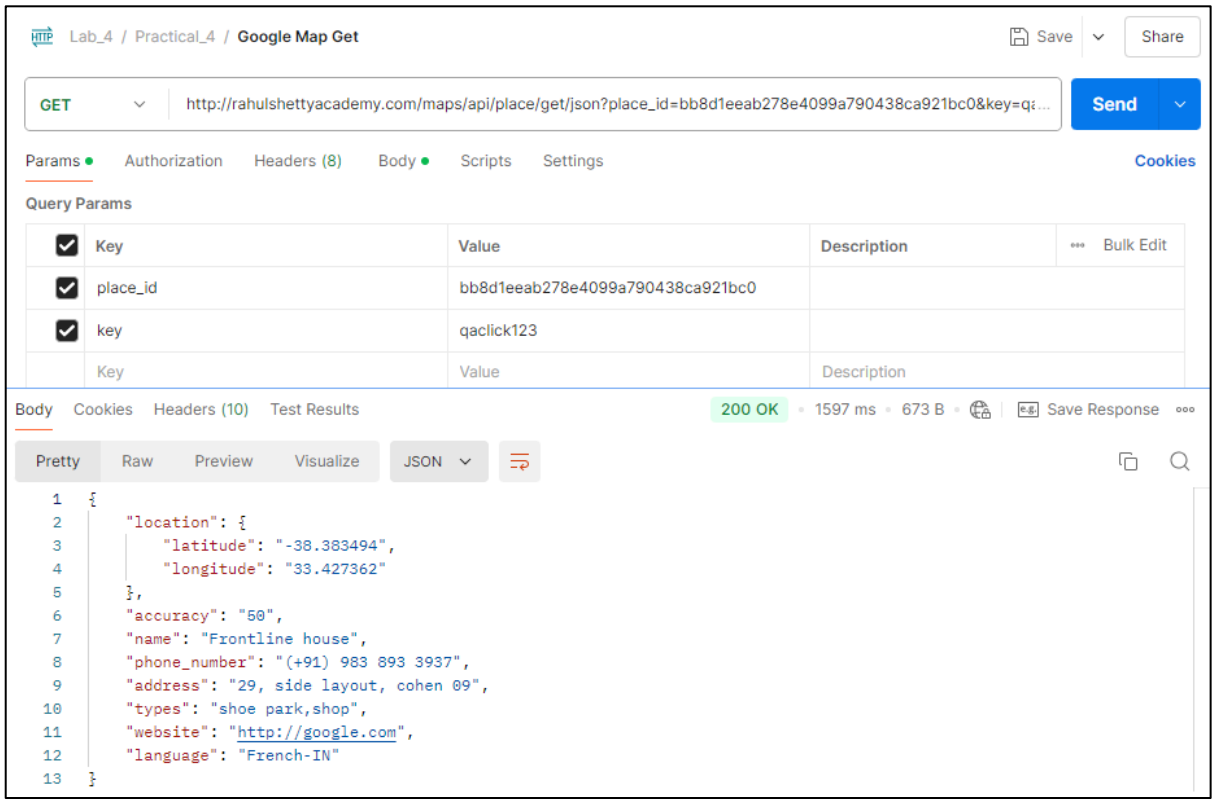
Lab_3 / Practical_3 / Set Variable
Save
Share
GET
{{newurl}} {{endpoint}}
Send
Params
Authorization
Headers (6)
Body
Scripts
Settings
Cookies
Pre-request
Post-response
1 pm.test("Status code is 200", function () {
2 pm.response.to.have.status(200);
3 });
Body
Cookies
Headers (24)
Test Results (1/1)
200 OK
1975 ms
7.97 KB
Save Response
All
Passed
Skipped
Failed
PASS
Status code is 200

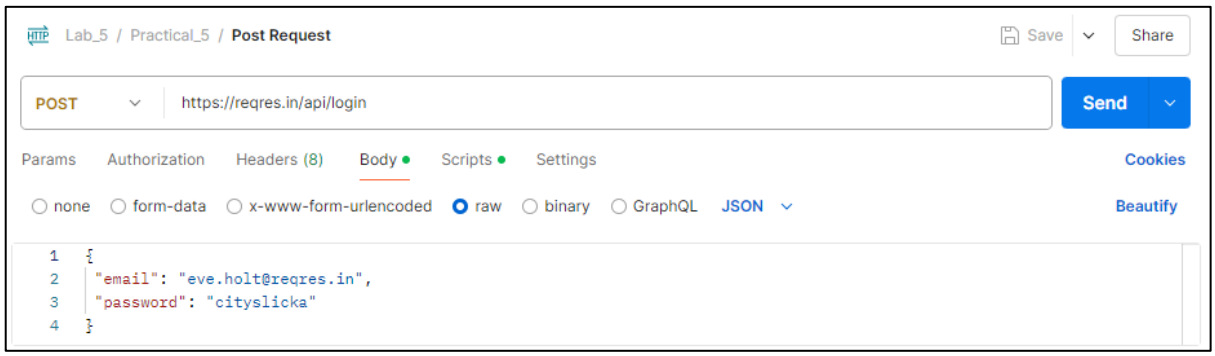
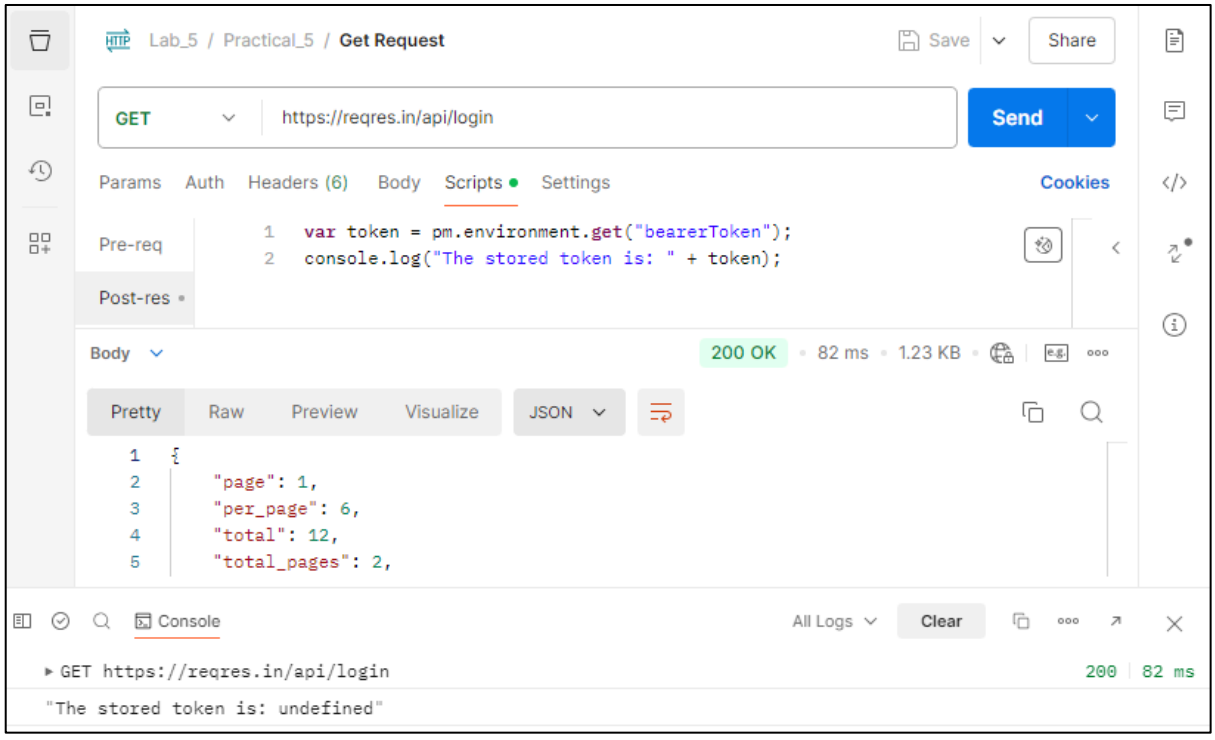

Collections
Environments
History
Lab_3 / Practical_3 / Set Variable
Save
Share
GET
{{newurl}} {{endpoint}}
Send
Params
Auth
Headers (6)
Body
Scripts
Settings
Cookies
Pre-req
Post-res
1 let baseUrl = pm.environment.get("newurl");
2 let endpoint = pm.environment.get("endpoint");
3 console.log("Base URL is: " + baseUrl);
4 console.log("Endpoint is: " + endpoint);
Body
200 OK
695 ms
7.97 KB
Console
All Logs
Clear
GET https://jsonplaceholder.typicode.com//posts
200
695 ms
"Base URL is: https://jsonplaceholder.typicode.com/"
"Endpoint is: /posts"

4. Perform requests on Google Maps Add API.






Lab_4 / Practical_4 / Google Map Get
Save
Share
GET
http://rahulshettyacademy.com/maps/api/place/get/json?place_id=bb8d1eeab278e4099a790438ca921bc0&key=qa...
Send
Params
Authorization
Headers (8)
Body
Scripts
Settings
Cookies
Query Params
Key
Value
Description
Bulk Edit
place_id
bb8d1eeab278e4099a790438ca921bc0
key
qaclick123
Key
Value
Description
Body
Cookies
Headers (10)
Test Results
200 OK
1597 ms
673 B
Save Response
Pretty
Raw
Preview
Visualize
JSON
{
"location": {
"latitude": "-38.383494",
"longitude": "33.427362"
},
"accuracy": "50",
"name": "Frontline house",
"phone_number": "(+91) 983 893 3937",
"address": "29, side layout, cohen 09",
"types": "shoe park,shop",
"website": "http://google.com",
"language": "French-IN"
}

Lab_4 / Practical_4 / Google Map Put
Save
Share
PUT
http://rahulshettyacademy.com/maps/api/place/update/json?place_id=bb8d1eeab278e4099a790438ca921bc0&key...
Send
Params
Authorization
Headers (8)
Body
Scripts
Settings
Cookies
none
form-data
x-www-form-urlencoded
raw
binary
GraphQL
JSON
Beautify
{
"place_id":"bb8d1eeab278e4099a790438ca921bc0",
"address":"70 winter walk, USA",
"key":"qaclick123"
}
Body
Cookies
Headers (10)
Test Results
200 OK
933 ms
415 B
Save Response

5. In Postman, test a REST API to demonstrate Authorization by generating a 'Bearer Token' to access a REST API.