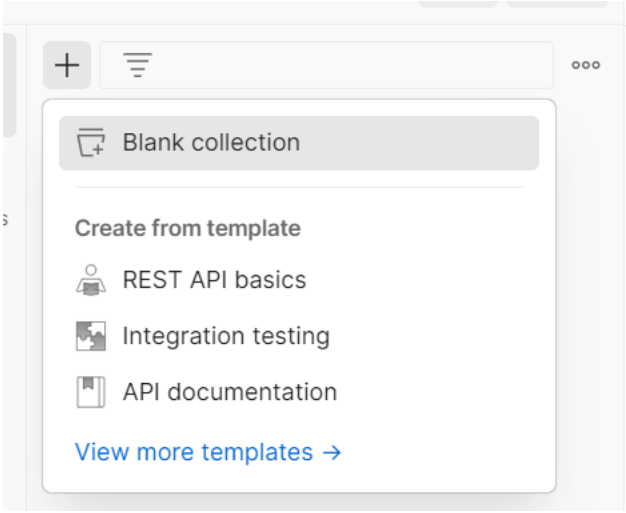
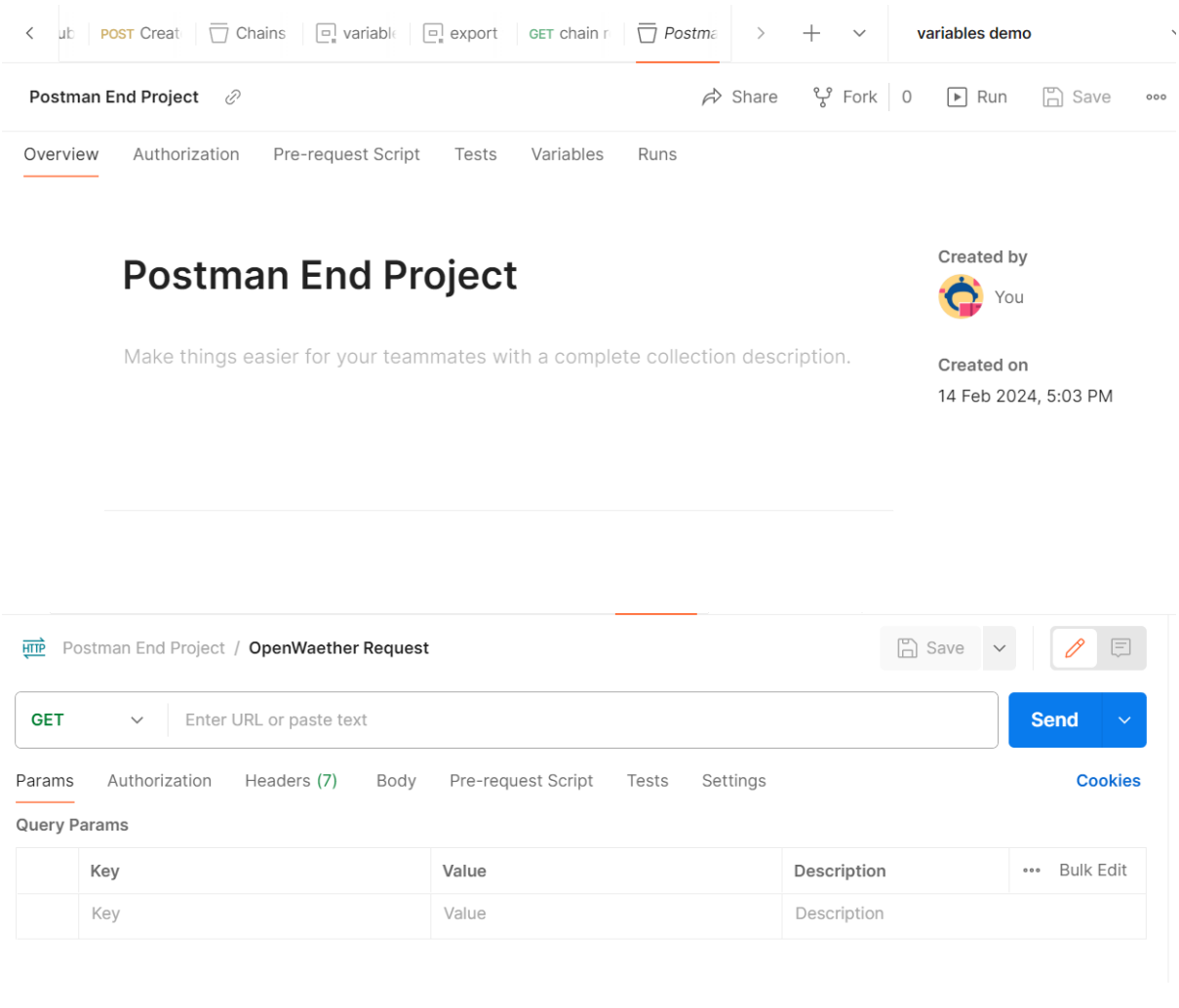
Phase-3 Practice Project 2

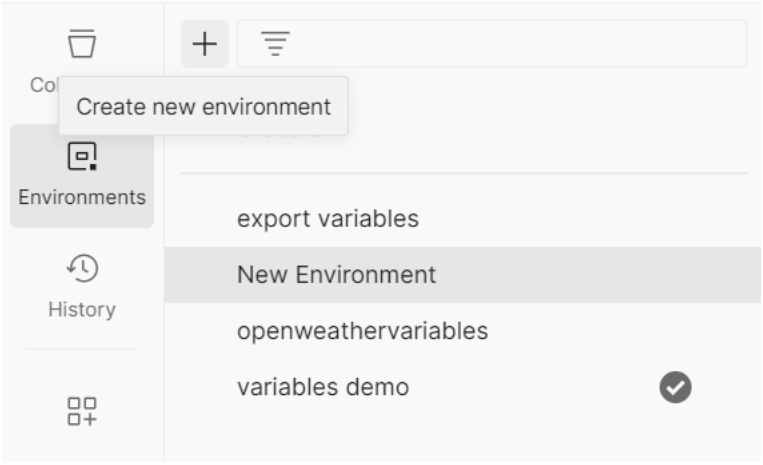
Step 1:

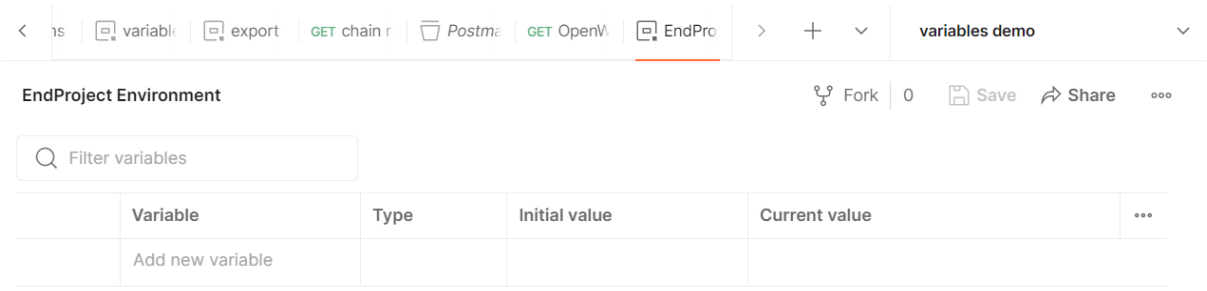
Create NewCollection and New environment.





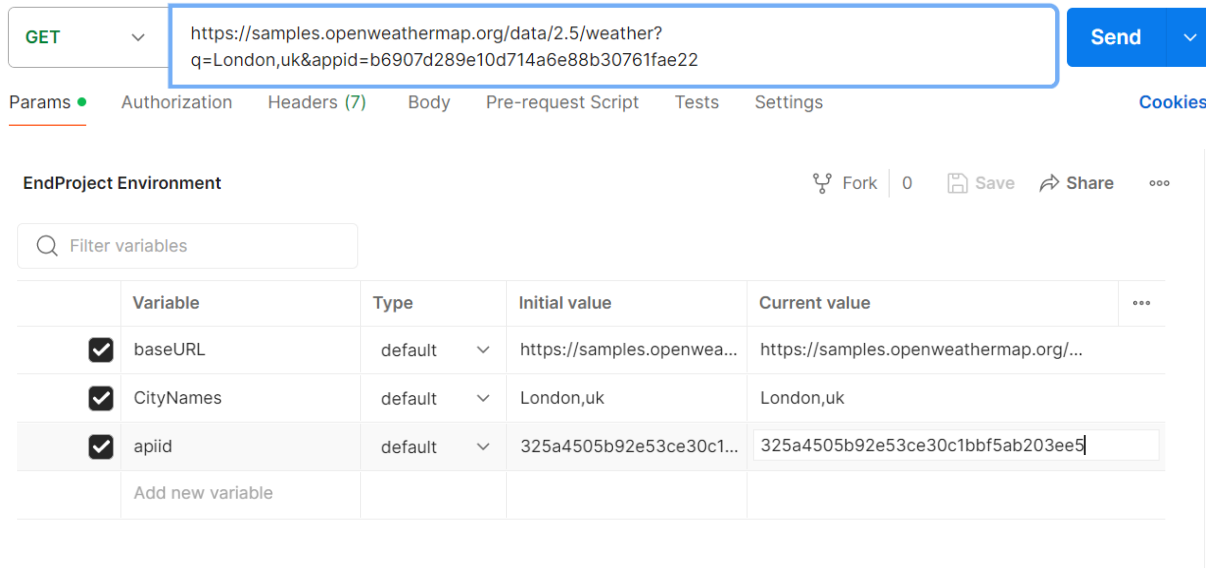
Phase-3 Practice Project 2



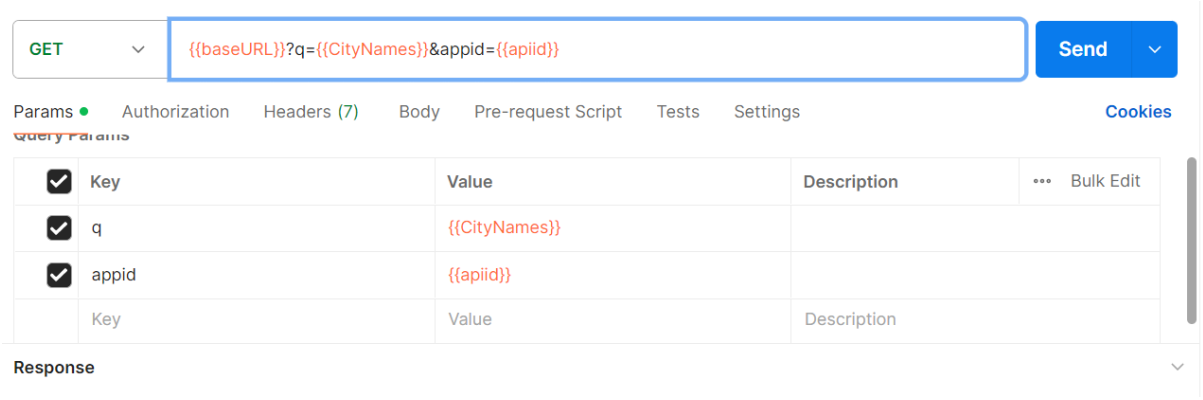


Step 2:

Add url to the Get request and assign variables accordingly.



Phase-3 Practice Project 2



Step 3:

Save the Request and Send it.

Phase-3 Practice Project 2

Step 4:

Write Tests to add assertions to the request.

Params ● Authorization Headers (7) Body Pre-request Script Tests ● Settings

```
pm.test("Test to check Status code", function () {
    pm.response.to.have.status(200);
});

pm.test("Speed of execution", function () {
    pm.expect(pm.response.responseTime).to.be.below(500);
});

pm.test("validate response message", function (){
 pm.expect(pm.response.status).to.be.oneOf(["OK","Created"]);
});
pm.test("validate response Body", function () {
    var jsonData = pm.response.json();
    pm.expect(jsonData.name).to.eql("London");
});

```

Body Cookies Headers (13) Test Results (4/4) 200 OK 150 ms 924 B Save as example

All Passed Skipped Failed

PASS Test to check Status code

PASS Speed of execution

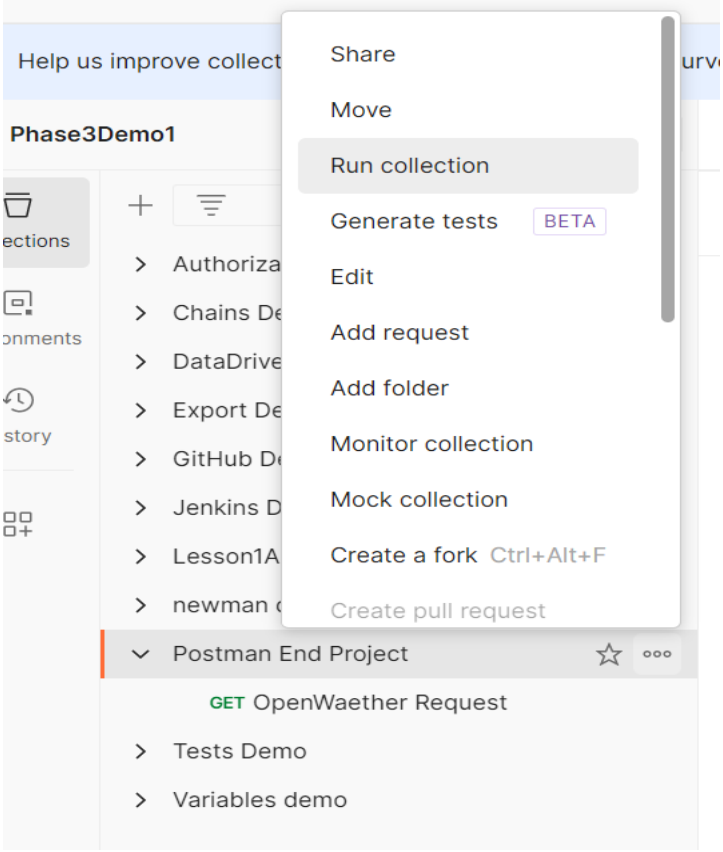
PASS validate response message

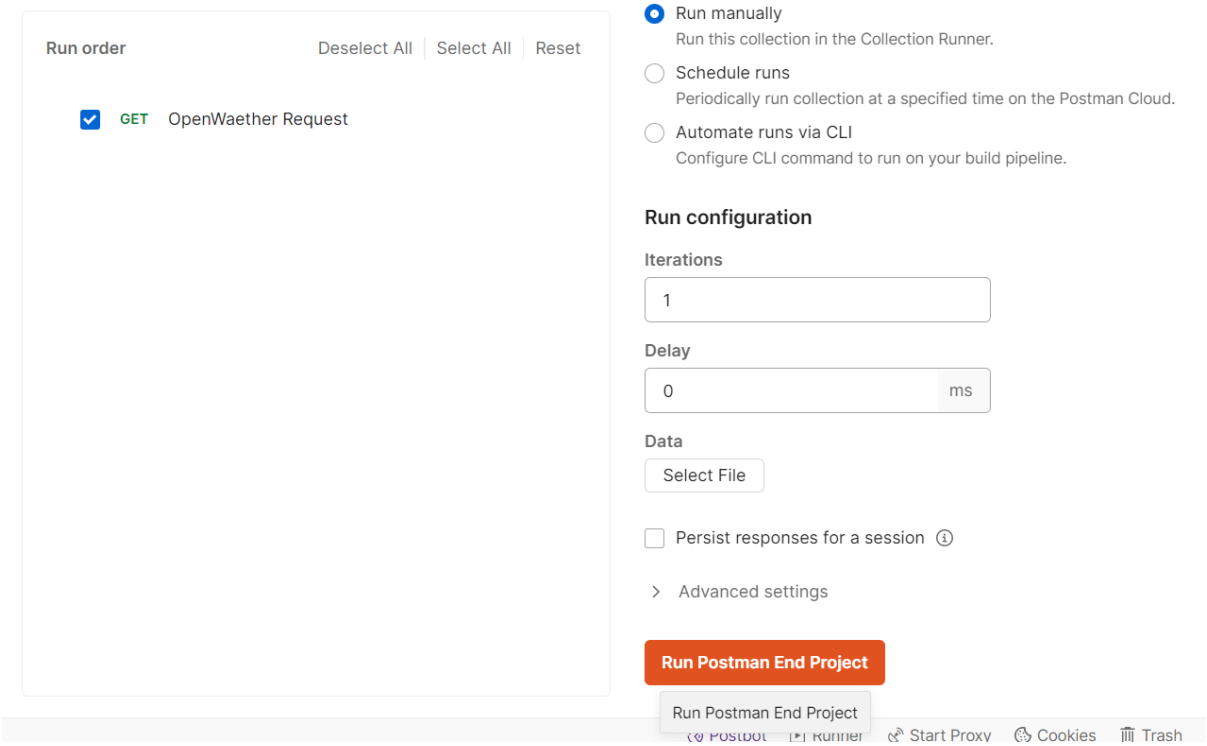
PASS validate response Body

Phase-3 Practice Project 2

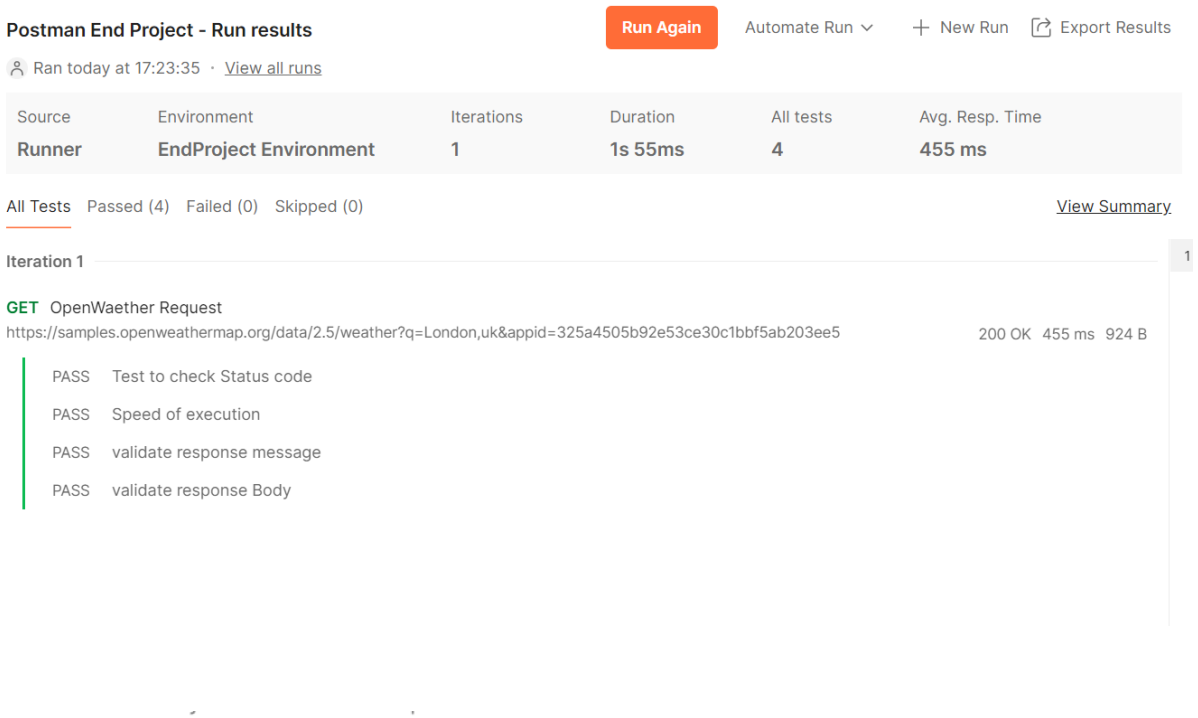
Step 5:

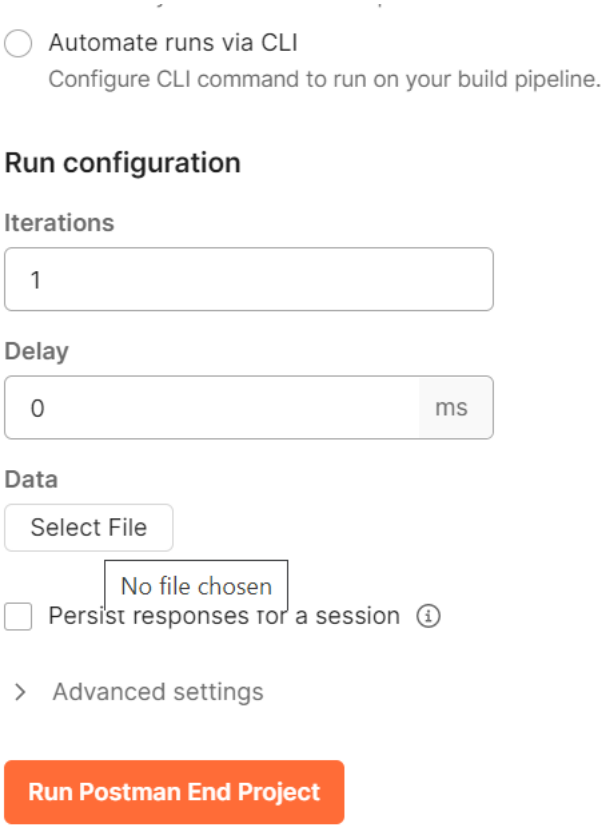
Run the Collection Using Run Manually and run using data file.





Phase-3 Practice Project 2





Phase-3 Practice Project 2

Periodically run collection at a specified time on the Postman Cloud.

Automate runs via CLI

Configure CLI command to run on your build pipeline.

Run configuration

Iterations

4

Delay

0 ms

Data

Select File TestData.csv ×

Data File Type

text/csv Preview

Persist responses for a session

Advanced settings

Run Postman End Project

Run Postman End Project

Postbot Runner Start Proxy Cookies Trash

Postman End Project - Run results

Run Again Automate Run New Run Export Result

Ran today at 17:33:36 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	EndProject Environment	4	1s 418ms	16	223 ms

All Tests Passed (16) Failed (0) Skipped (0) View Summar

Iteration 1

GET OpenWaether Request

https://samples.openweathermap.org/data/2.5/weather?q=London&appid=325a4505b92e53ce30c1bbf5ab203ee5 200 OK 439 ms 924 B

- PASS Test to check Status code
- PASS Speed of execution
- PASS validate response message
- PASS validate response Body

Iteration 2

GET OpenWaether Request

https://samples.openweathermap.org/data/2.5/weather?q=Texas&appid=325a4505b92e53ce30c1bbf5ab203ee5 200 OK 154 ms 924 B

- PASS Test to check Status code

Phase-3 Practice Project 2

Postman End Project - Run results

Run Again | Automate Run | New Run | Export Res

Ran today at 17:33:36 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	EndProject Environment	4	1s 418ms	16	223 ms

All Tests Passed (16) Failed (0) Skipped (0) View Summ

PASS Test to check Status code
PASS Speed of execution
PASS validate response message
PASS validate response Body

Iteration 3

GET OpenWaether Request
https://samples.openweathermap.org/data/2.5/weather?q=Mumbai&appid=325a4505b92e53ce30c1bbf5ab203ee5
200 OK 150 ms 924 B

PASS Test to check Status code
PASS Speed of execution
PASS validate response message
PASS validate response Body

Postman End Project - Run results

Run Again | Automate Run | New Run | Export Re

Ran today at 17:33:36 · View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	EndProject Environment	4	1s 418ms	16	223 ms

All Tests Passed (16) Failed (0) Skipped (0) View Sumı

PASS Test to check Status code
PASS Speed of execution
PASS validate response message
PASS validate response Body

Iteration 4

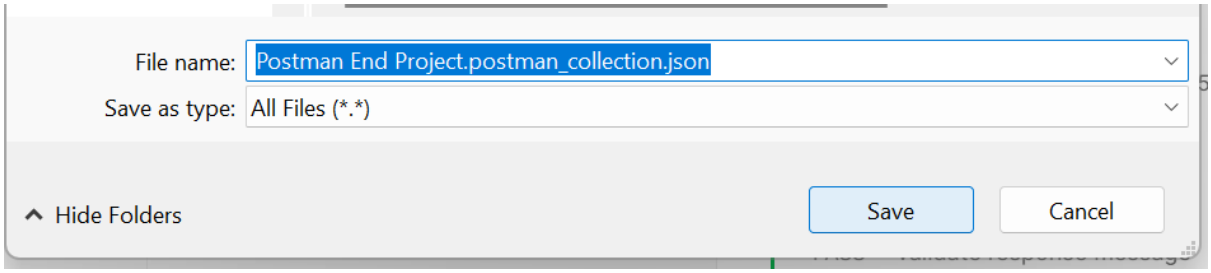
GET OpenWaether Request
https://samples.openweathermap.org/data/2.5/weather?q=Hyderabad&appid=325a4505b92e53ce30c1bbf5ab203ee5
200 OK 150 ms 924 B

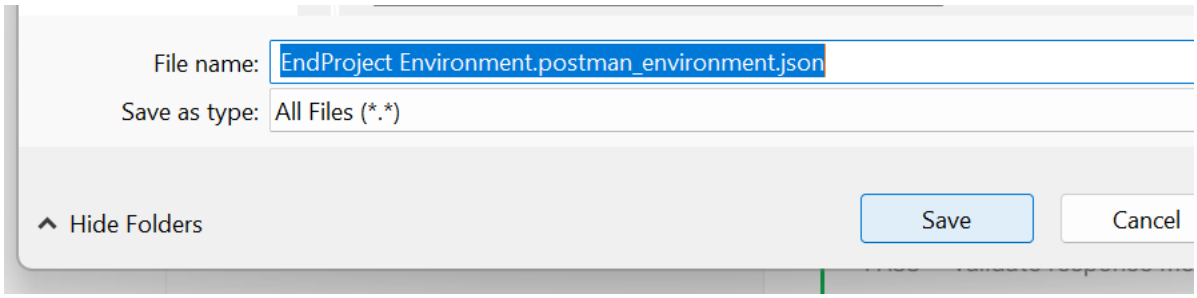
PASS Test to check Status code
PASS Speed of execution
PASS validate response message
PASS validate response Body

Phase-3 Practice Project 2

Step 6:

Run collection using CLI and NewMan.






```
F:\MPHASIS Practice Exersie\Postman Files>newman run Postman_End_Project.postman_collection.json -e EndProject_Environment.postman_en
vironment.json
newman

Postman End Project

→ OpenWaether Request
  GET https://samples.openweathermap.org/data/2.5/weather?q=London,uk&appid=325a4505b92e53ce30c1bbf5ab203ee5 [200 OK, 924B, 493ms]
  √  Test to check Status code
  √  Speed of execution
  √  validate response message
  √  validate response Body
```

```
Postman End Project

→ OpenWaether Request
  GET https://samples.openweathermap.org/data/2.5/weather?q=London,uk&appid=325a4505b92e53ce30c1bbf5ab203ee5 [200 OK, 924B, 493ms]
  √  Test to check Status code
  √  Speed of execution
  √  validate response message
  √  validate response Body
```

	executed	failed
iterations	1	0
requests	1	0
test-scripts	1	0
prerequest-scripts	0	0
assertions	4	0

total run duration: 597ms

total data received: 459B (approx)

average response time: 493ms [min: 493ms, max: 493ms, s.d.: 0µs]

Phase-3 Practice Project 2

GitHub Link: chandumj/simplilearnprojects (github.com)