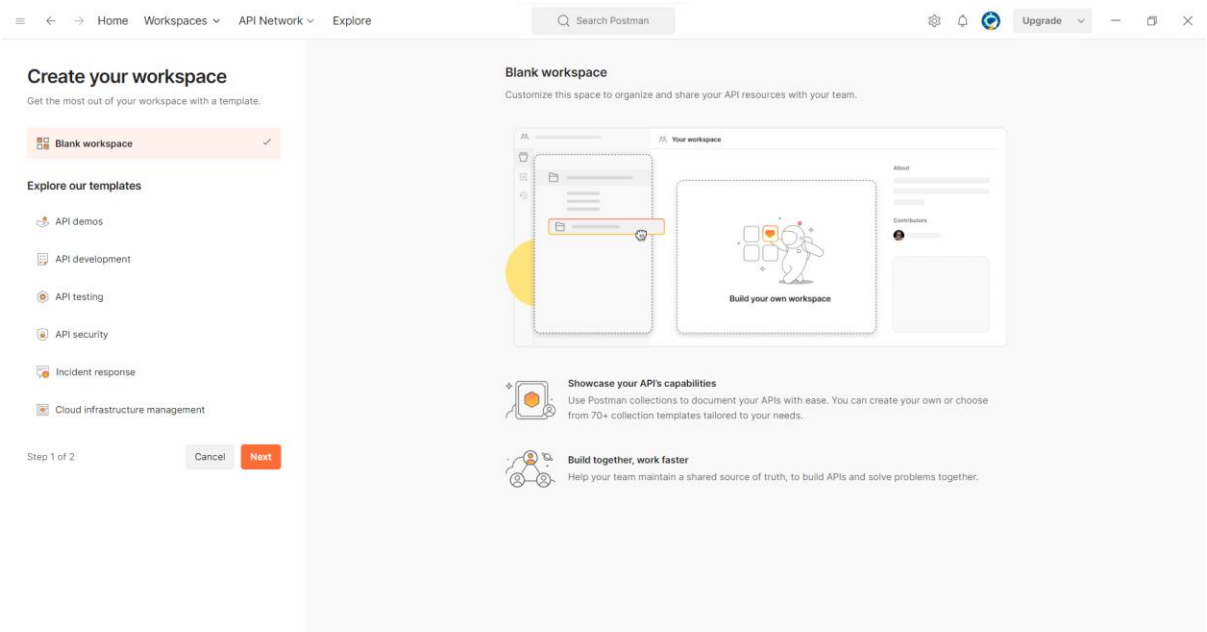
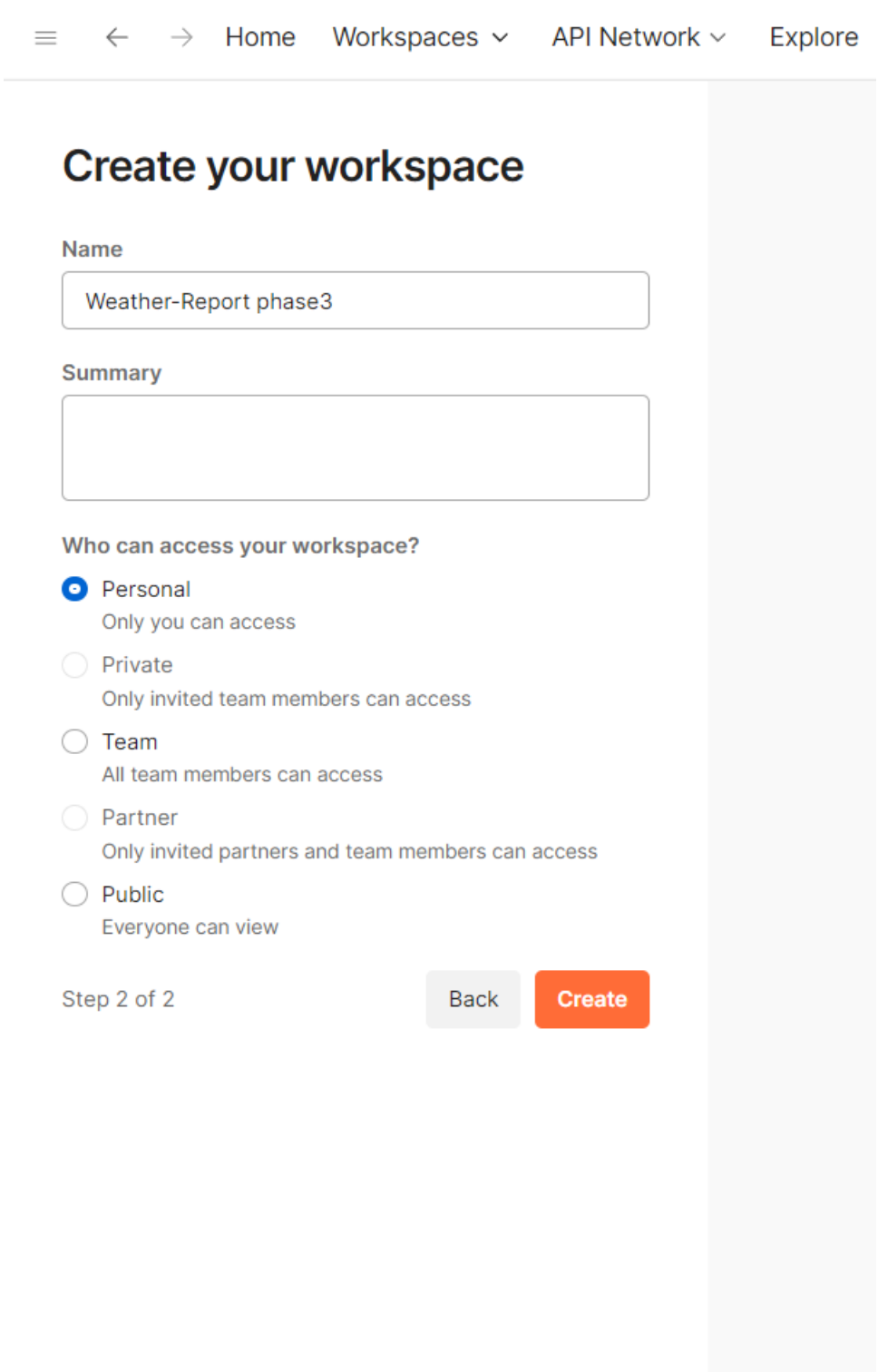
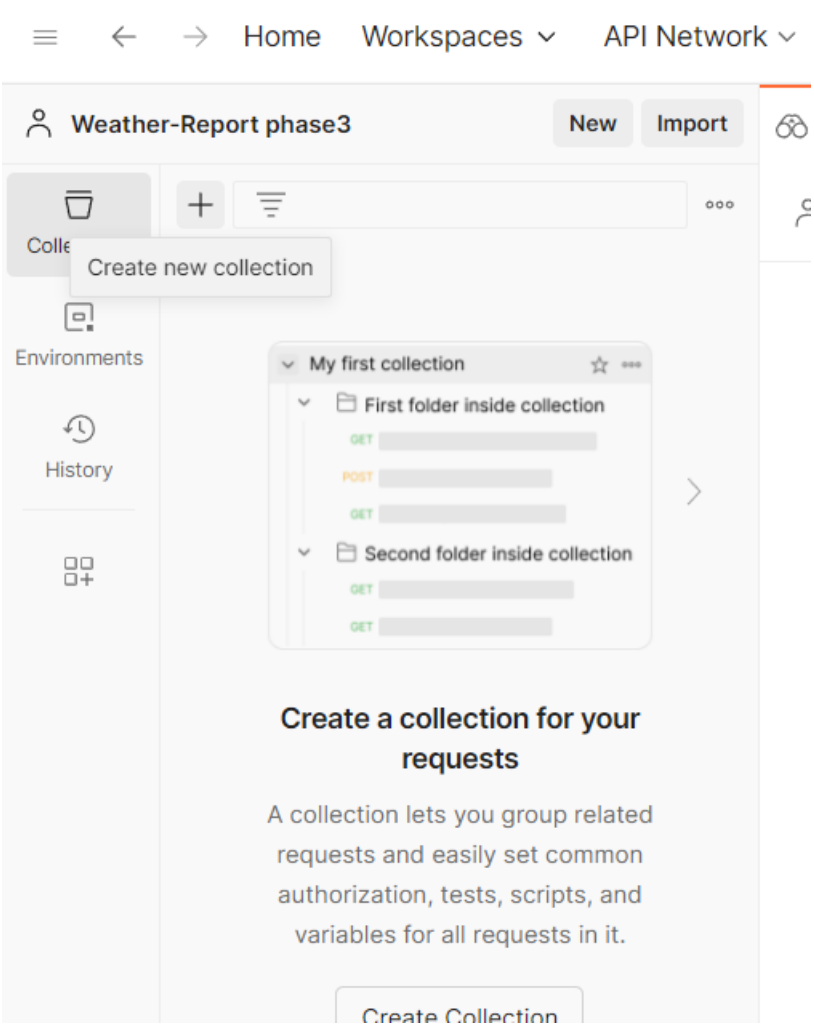


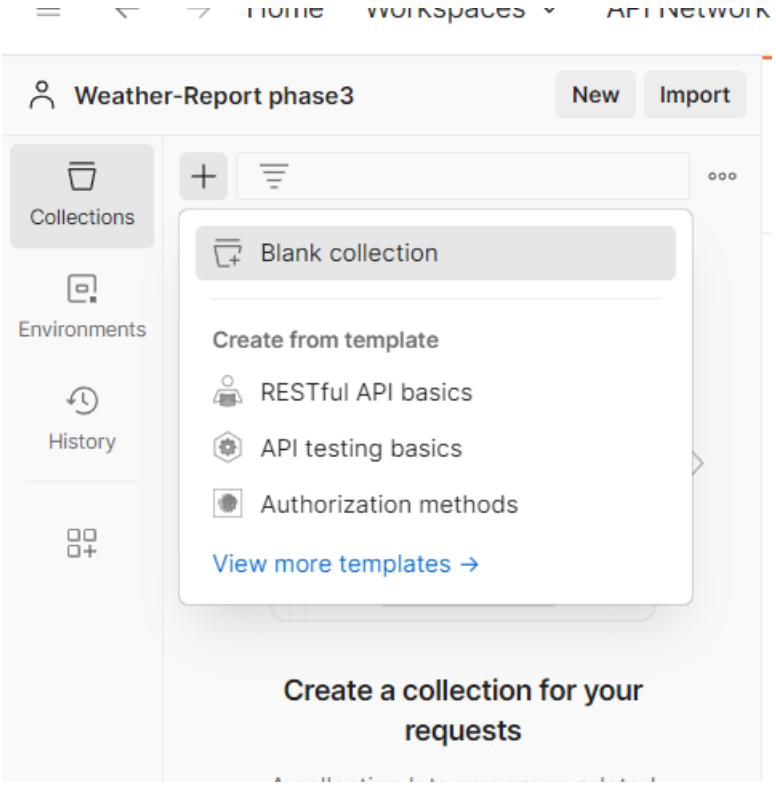
Creating a workspace for Weather report



Clicking on + button to add collection



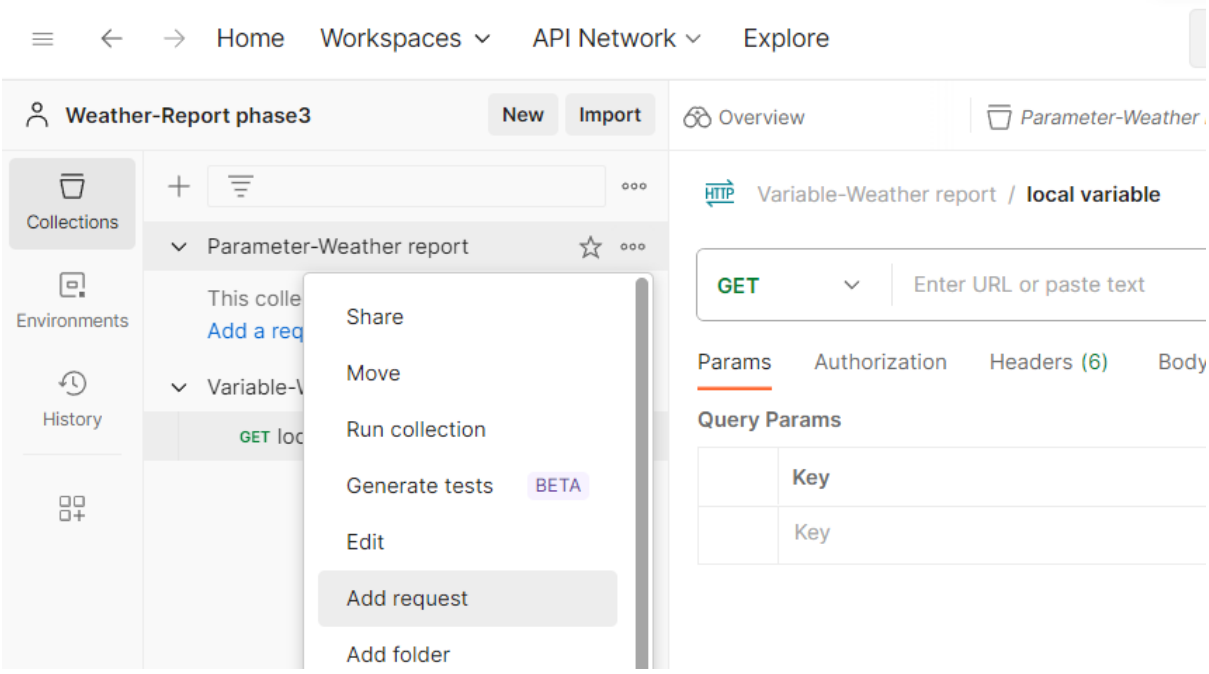
Selecting blank collection

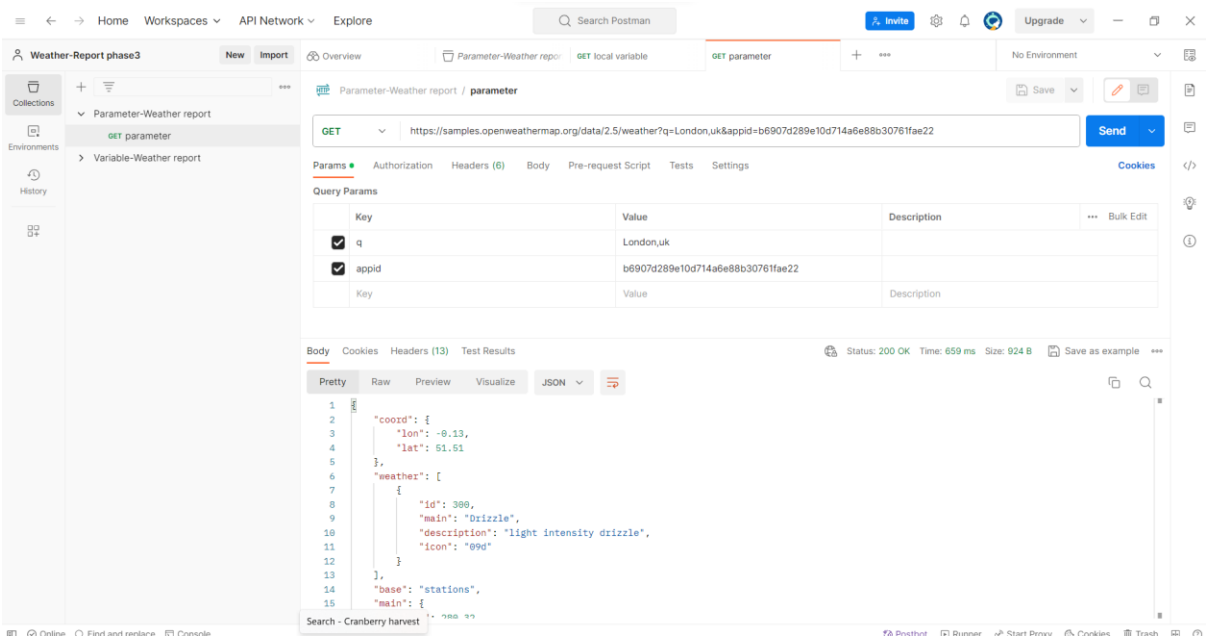


Created a collection named as parameter-weather report

And click on the three dots

And selected add request.



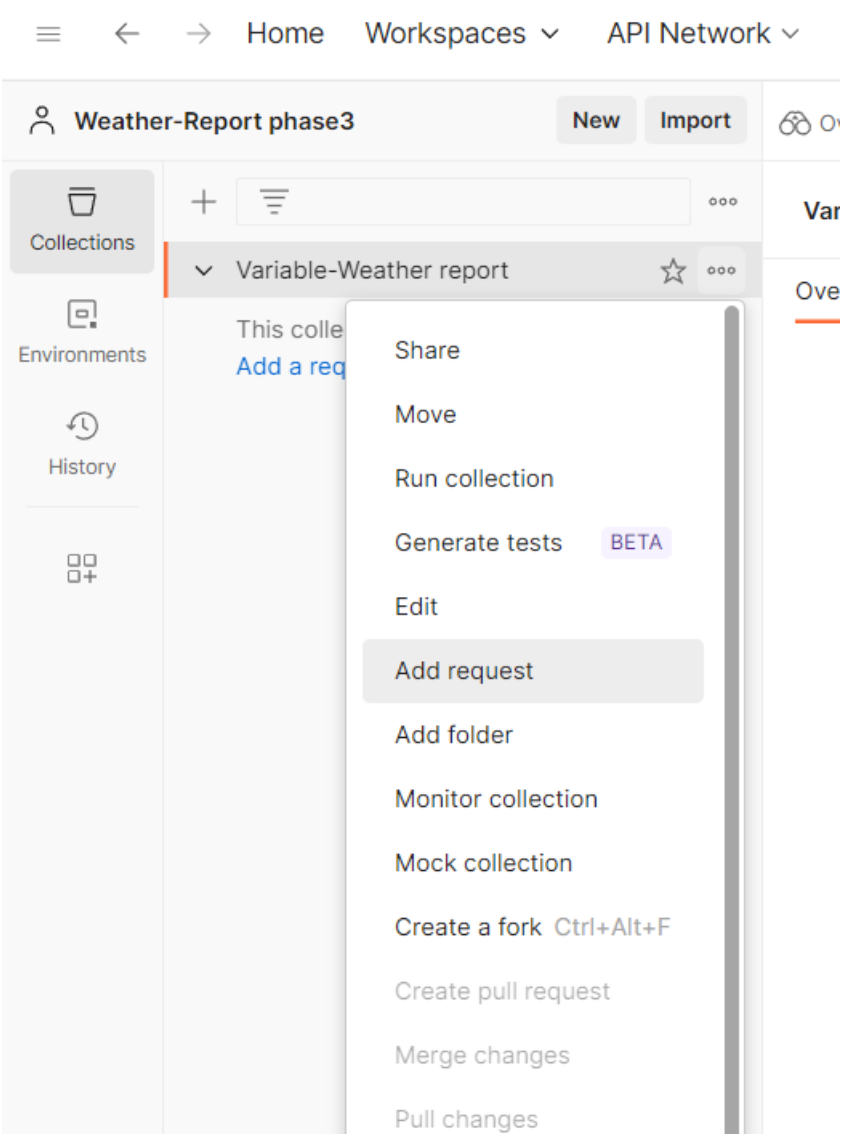


Enter the url.select GET method. in params the key and value are appears once it is saved

Then click on send to the view the request.in down the result is appeared in the pic.

Click on send button to see the output.

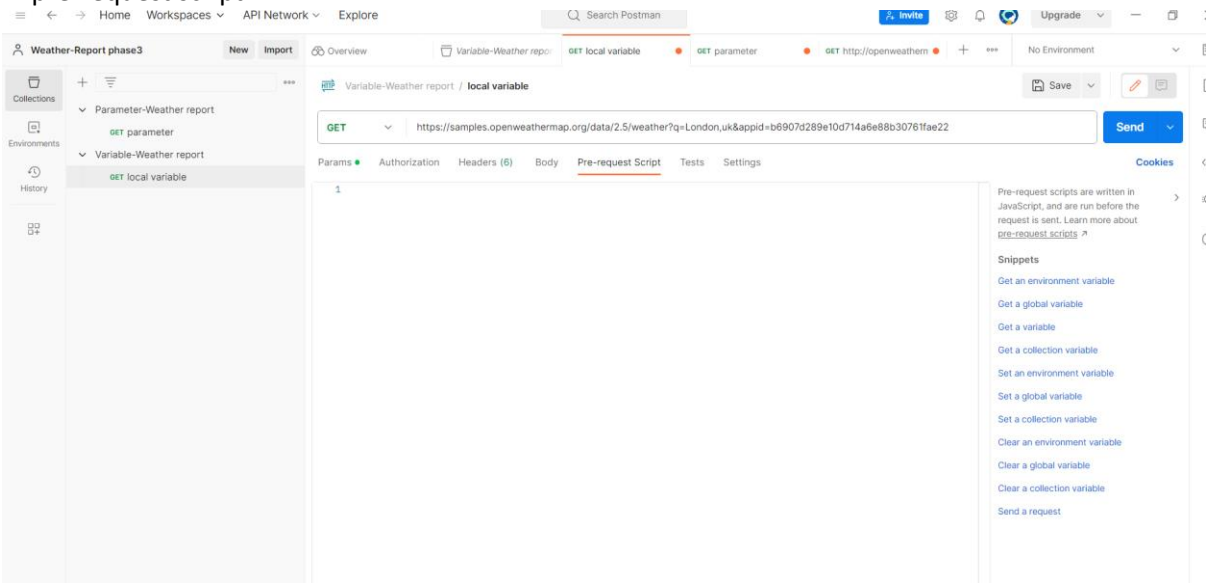
Then click on the collection to add another request for types of variables



Request name=local variable

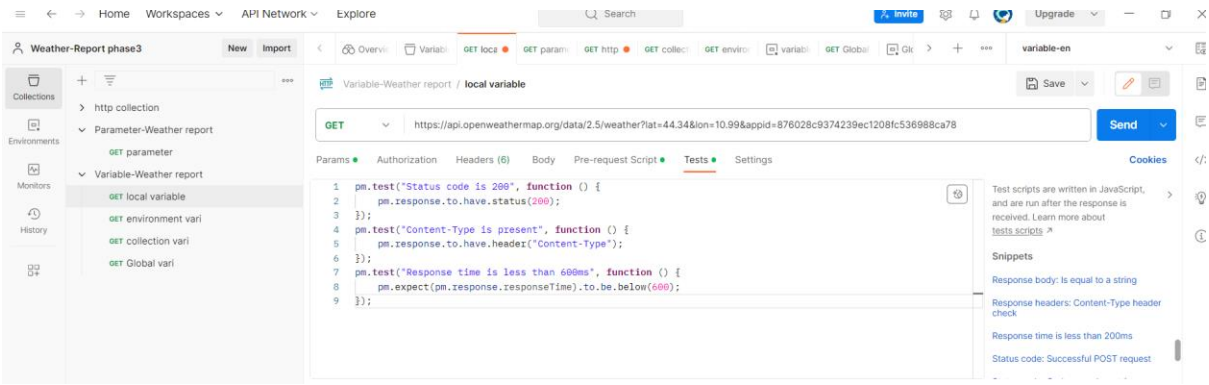
Method=GET Method

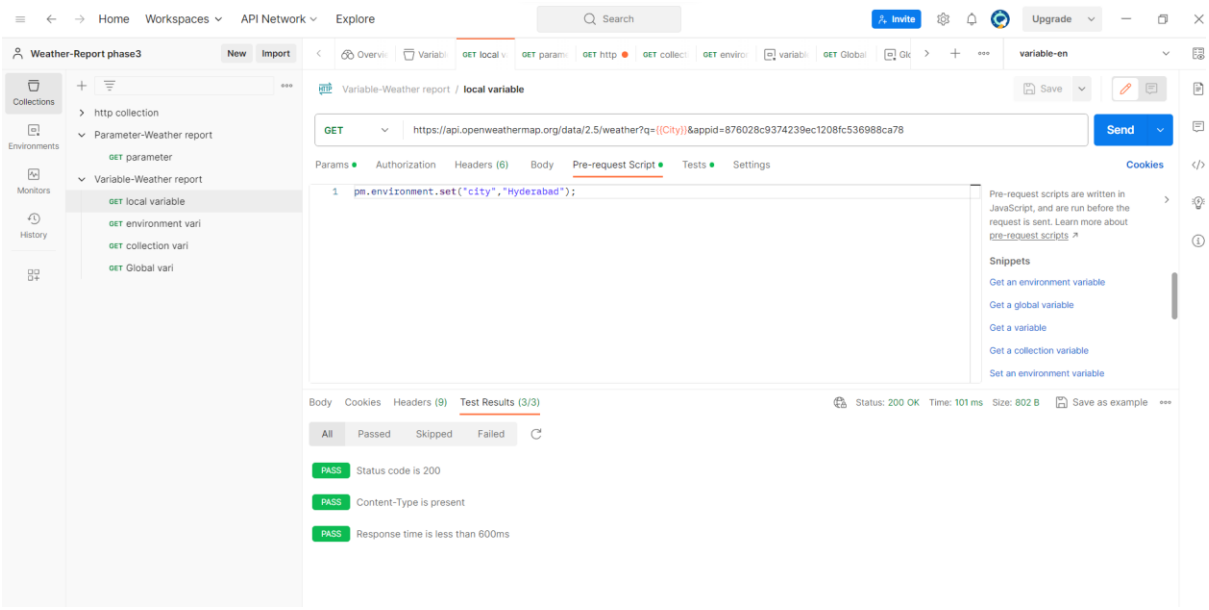
In pre-request script



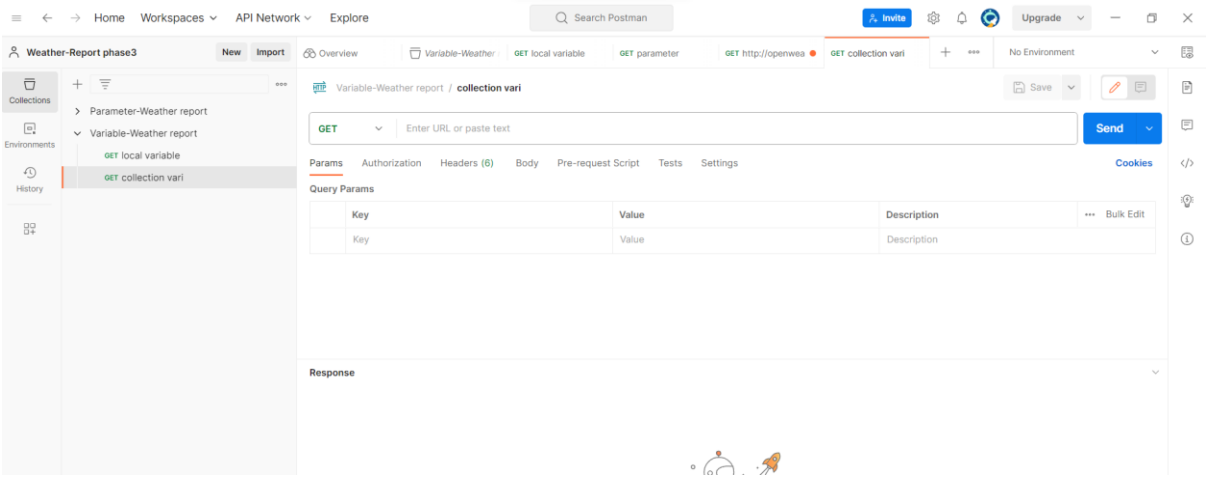
We set a local environment variable.

City=Hyderabad

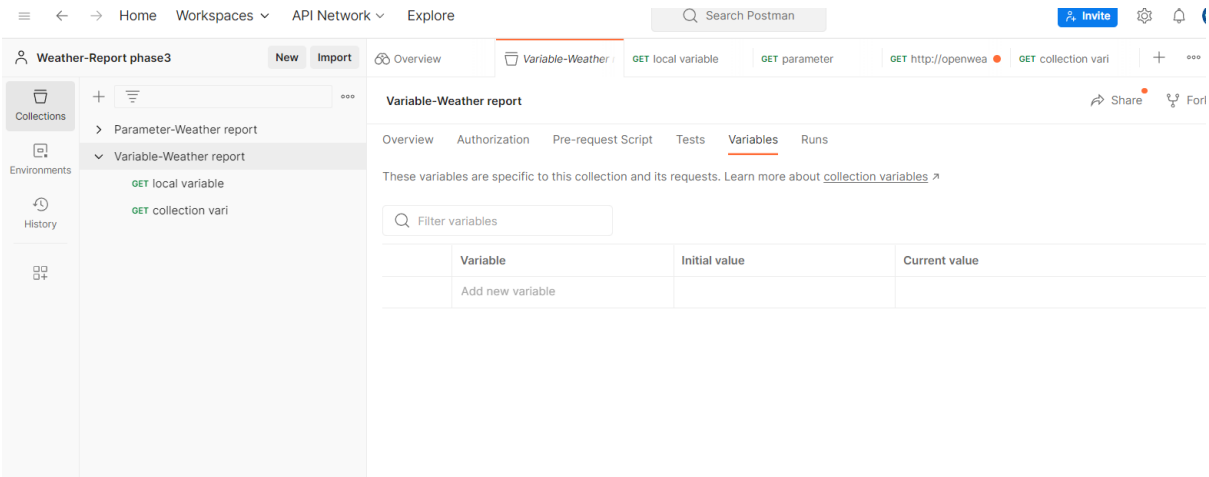


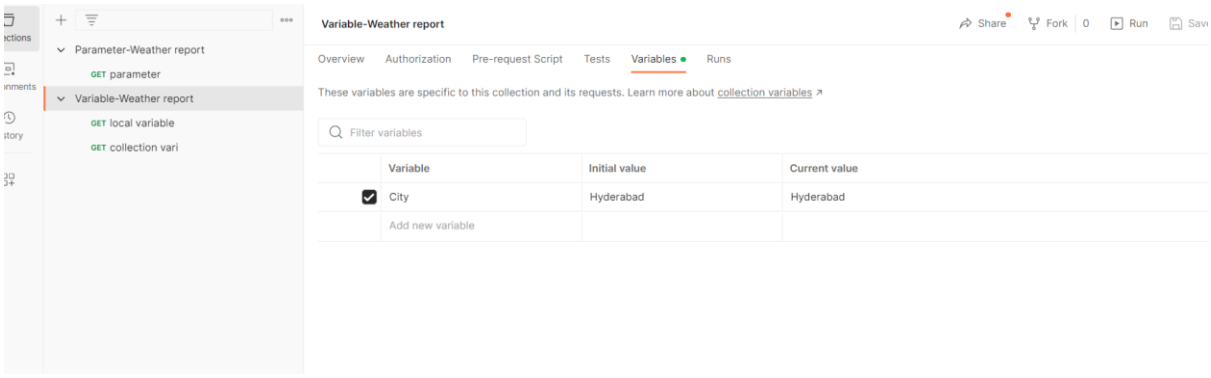


Collection variable

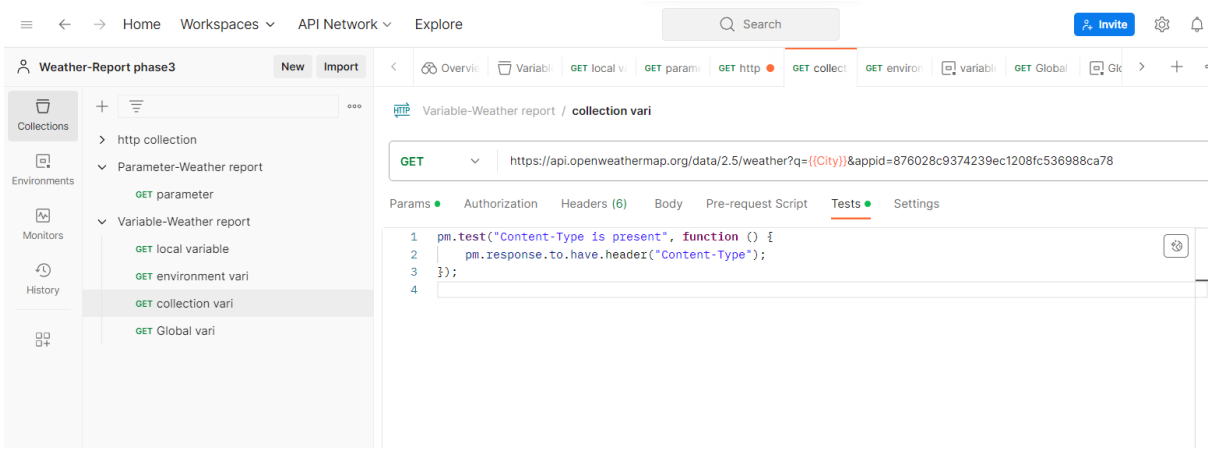


In collection ,we set the collection variable

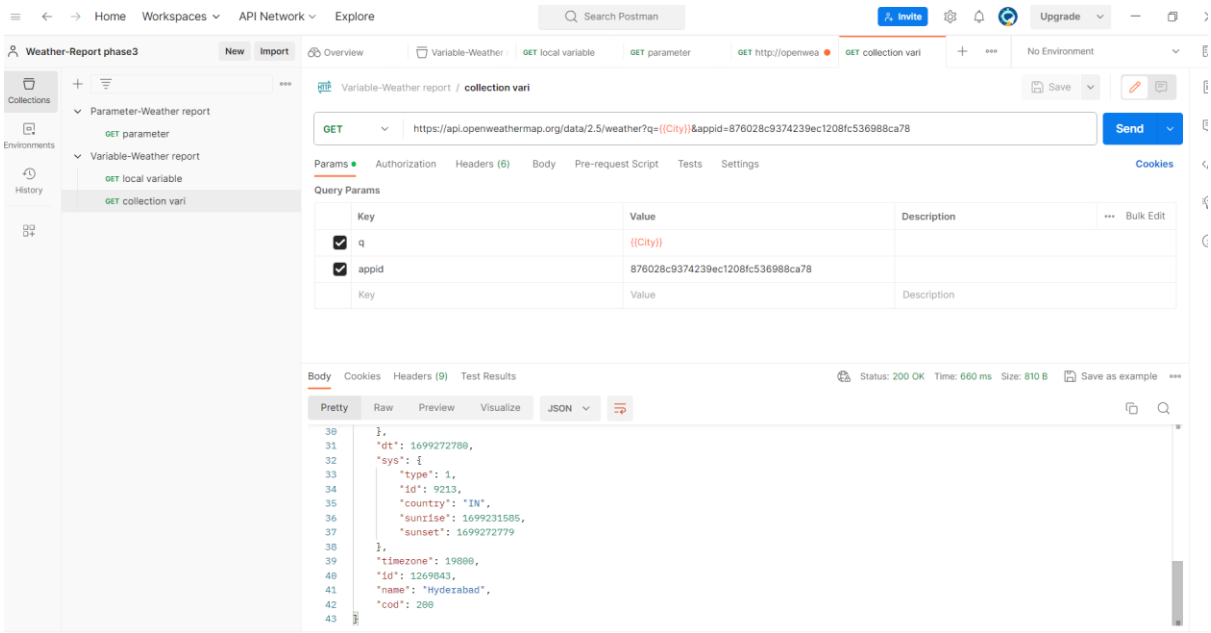


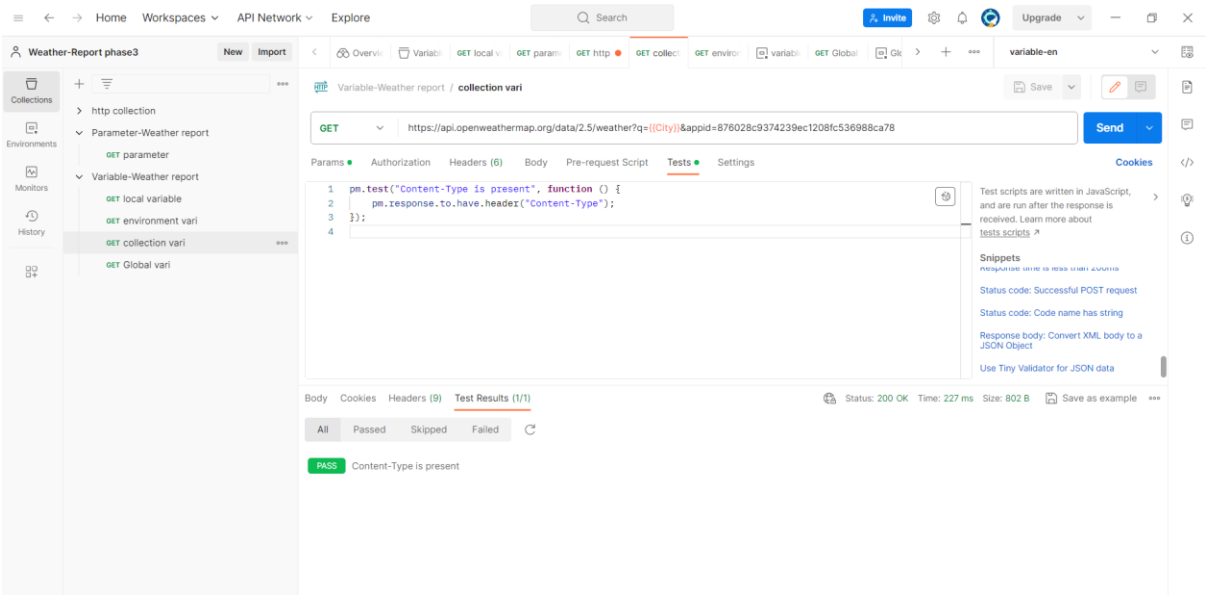


in test we added



Click on send button.

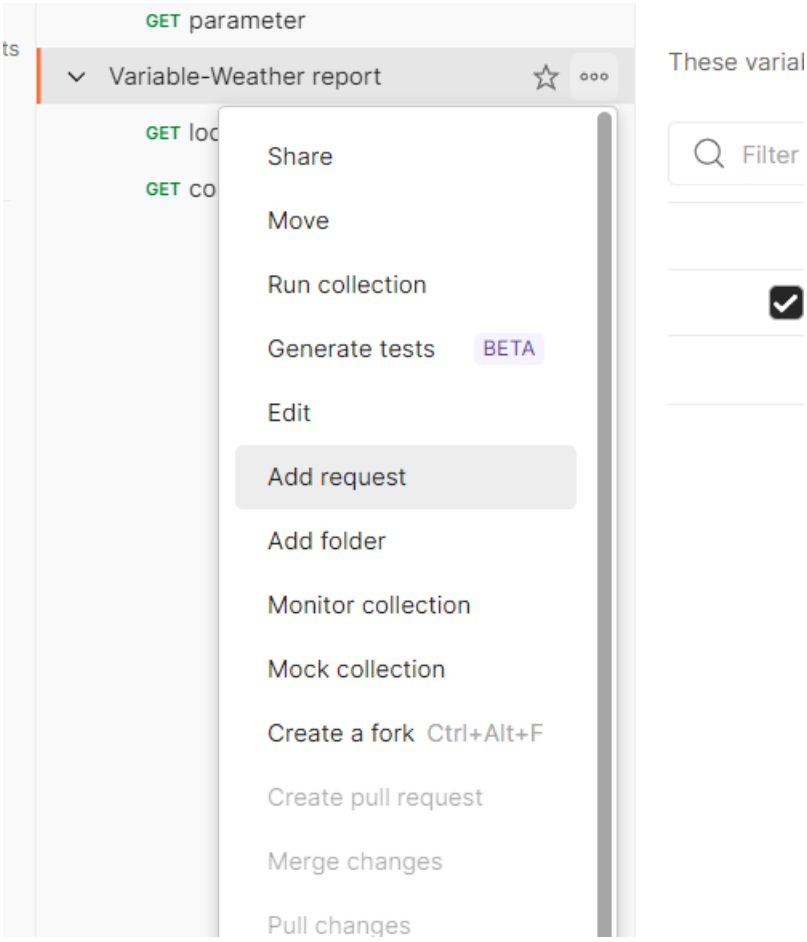


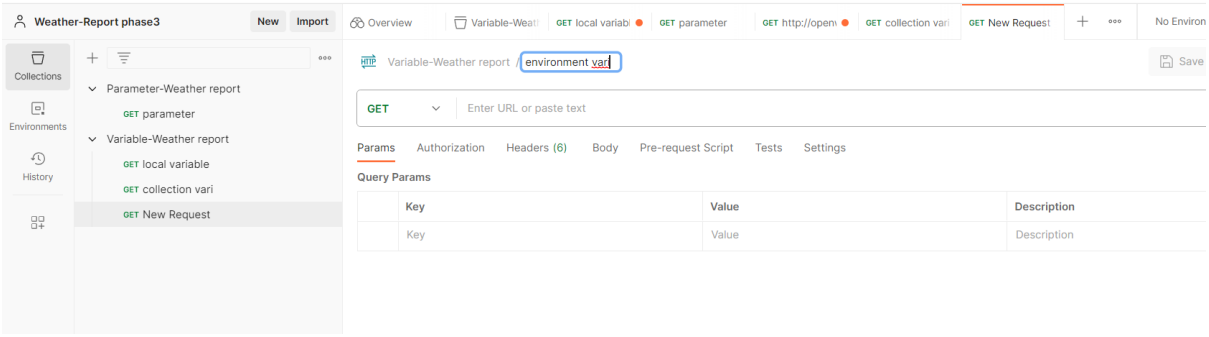


Environment variable

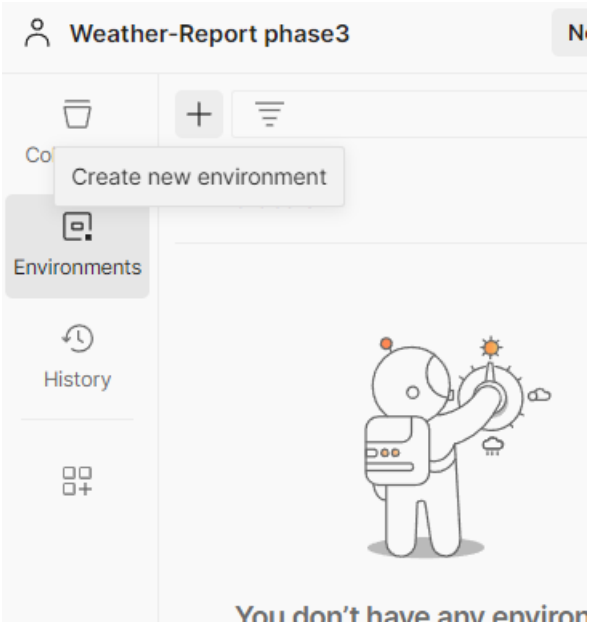
To add environment ,we added a request to collection,

Given name as environment vari.

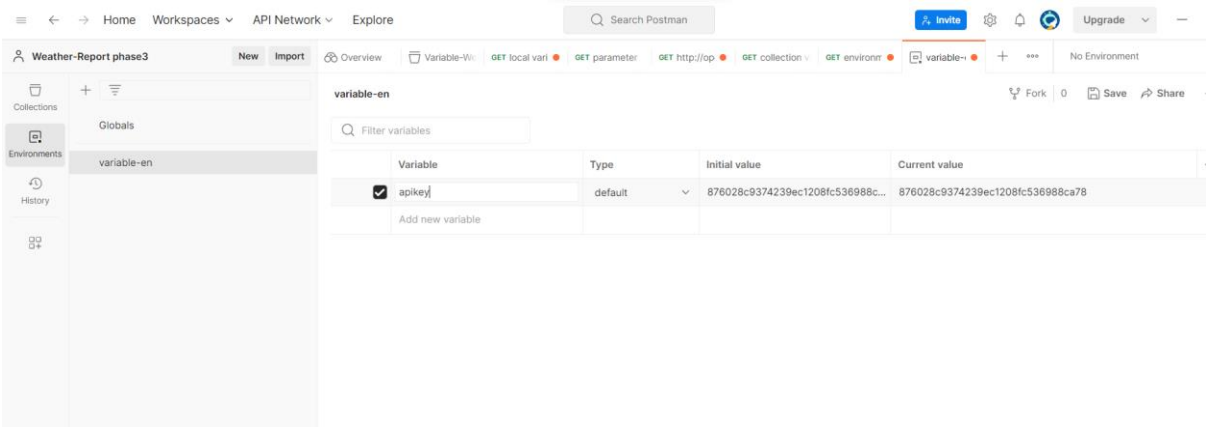


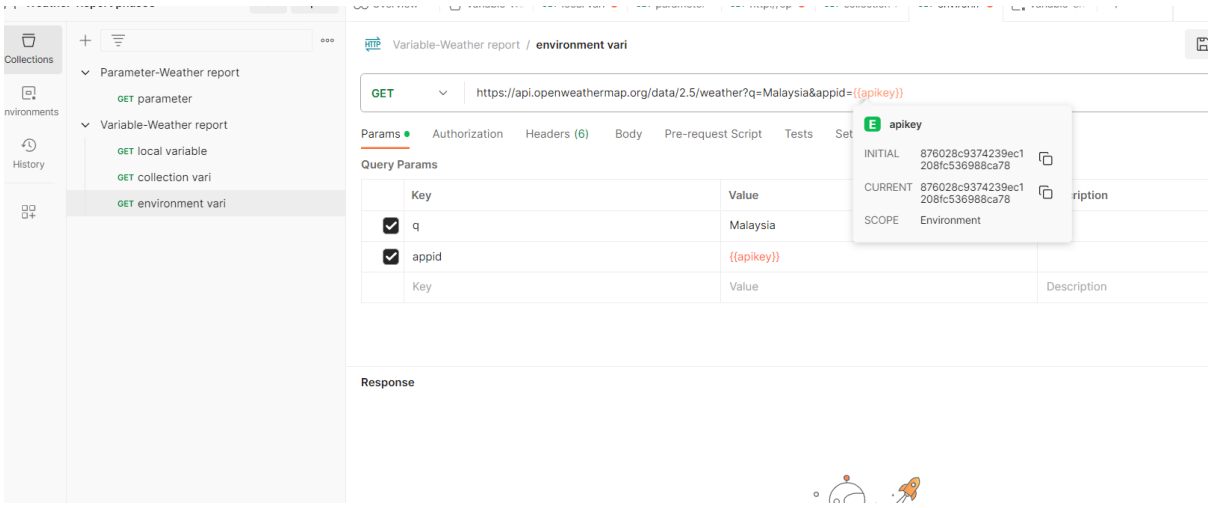


then click on the environments

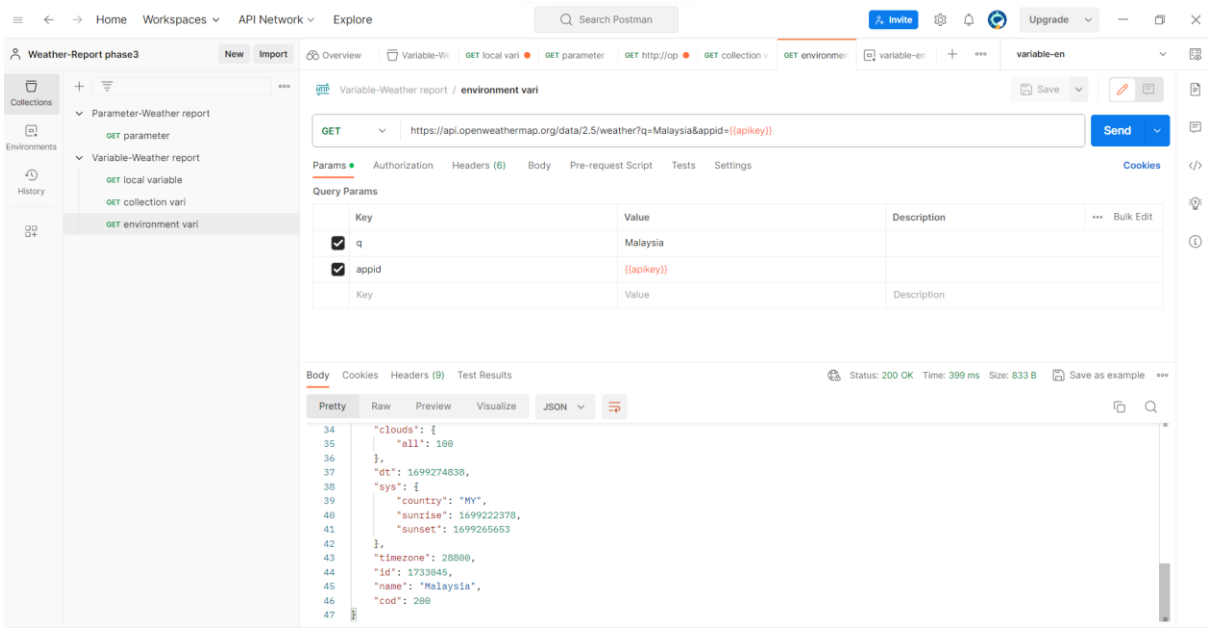


then added a variable to the environment

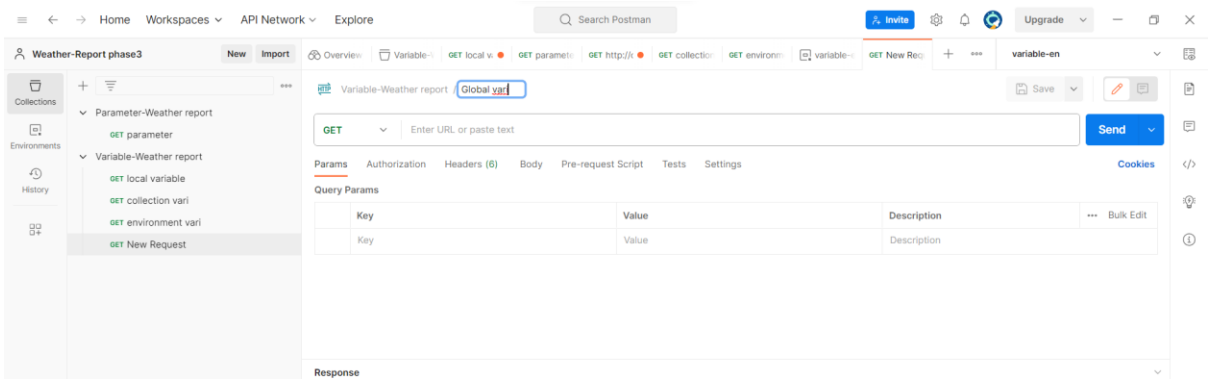




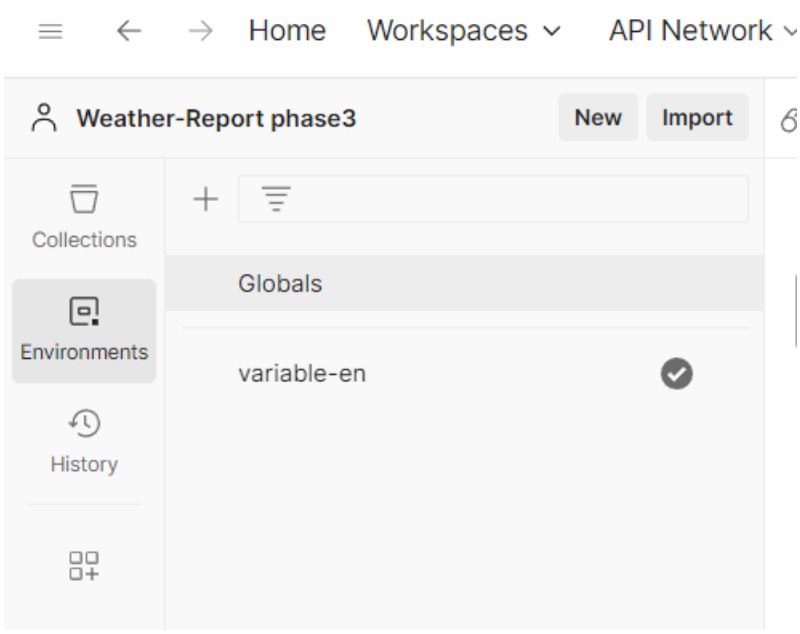
Click on the send button to view the result

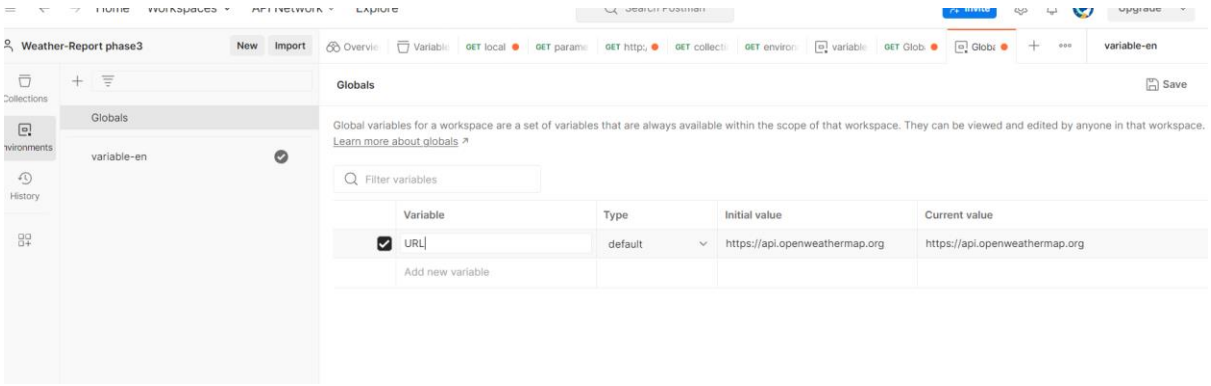


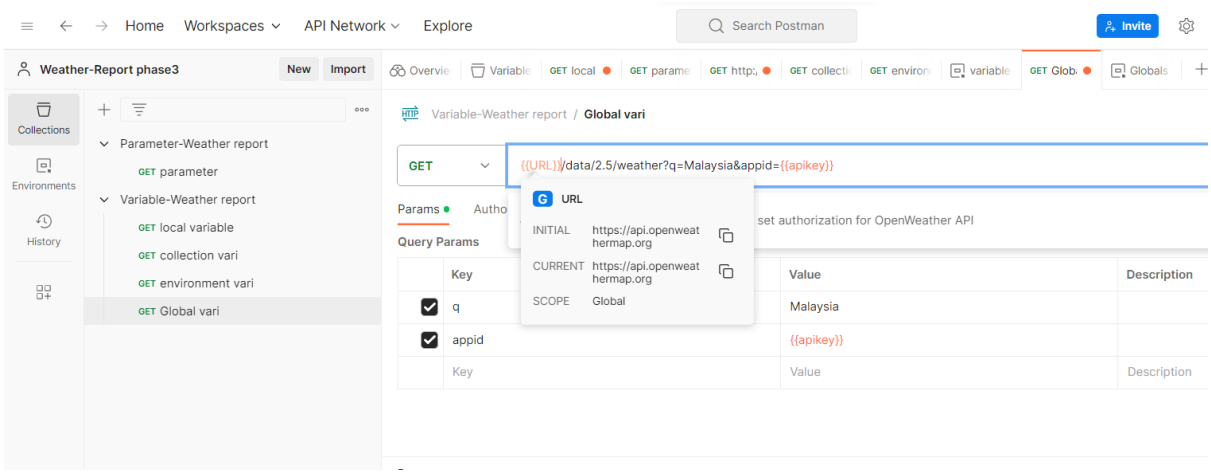
Global variable



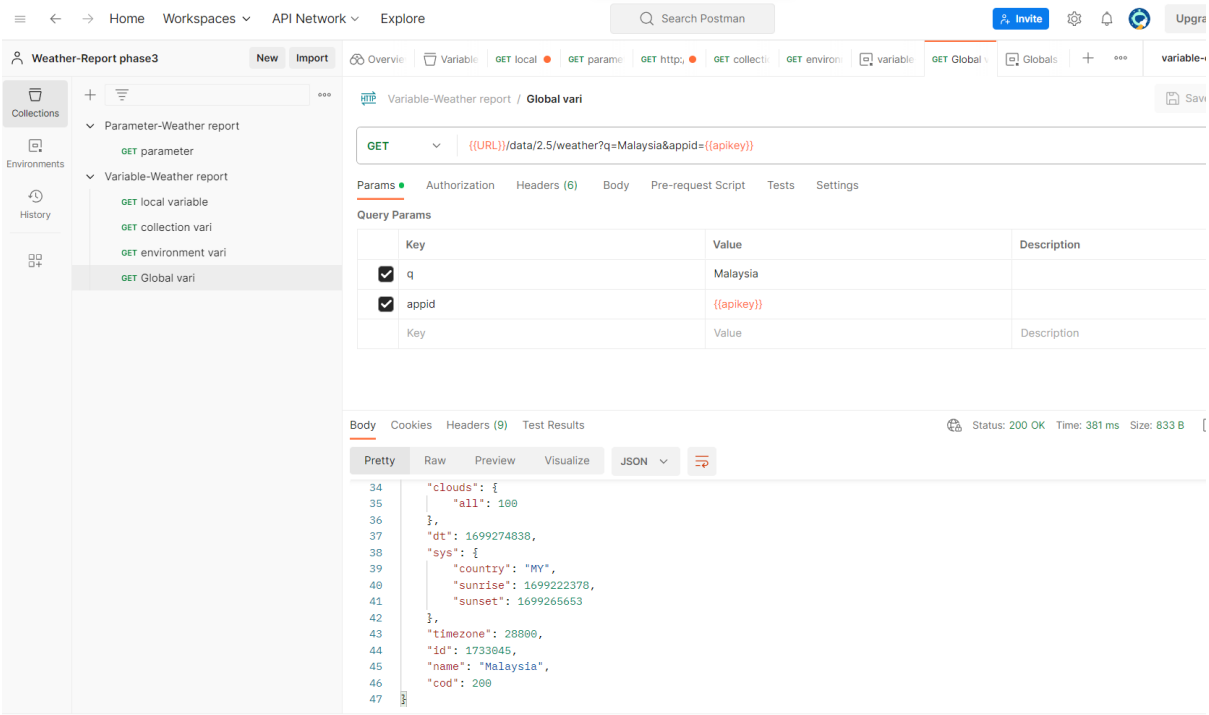
First click on environment then click on the global to add global environment which can access by any collection


Home
Workspaces
API Network
Weather-Report phase3
New
Import
Collections
Environments
History
Globals
variable-en

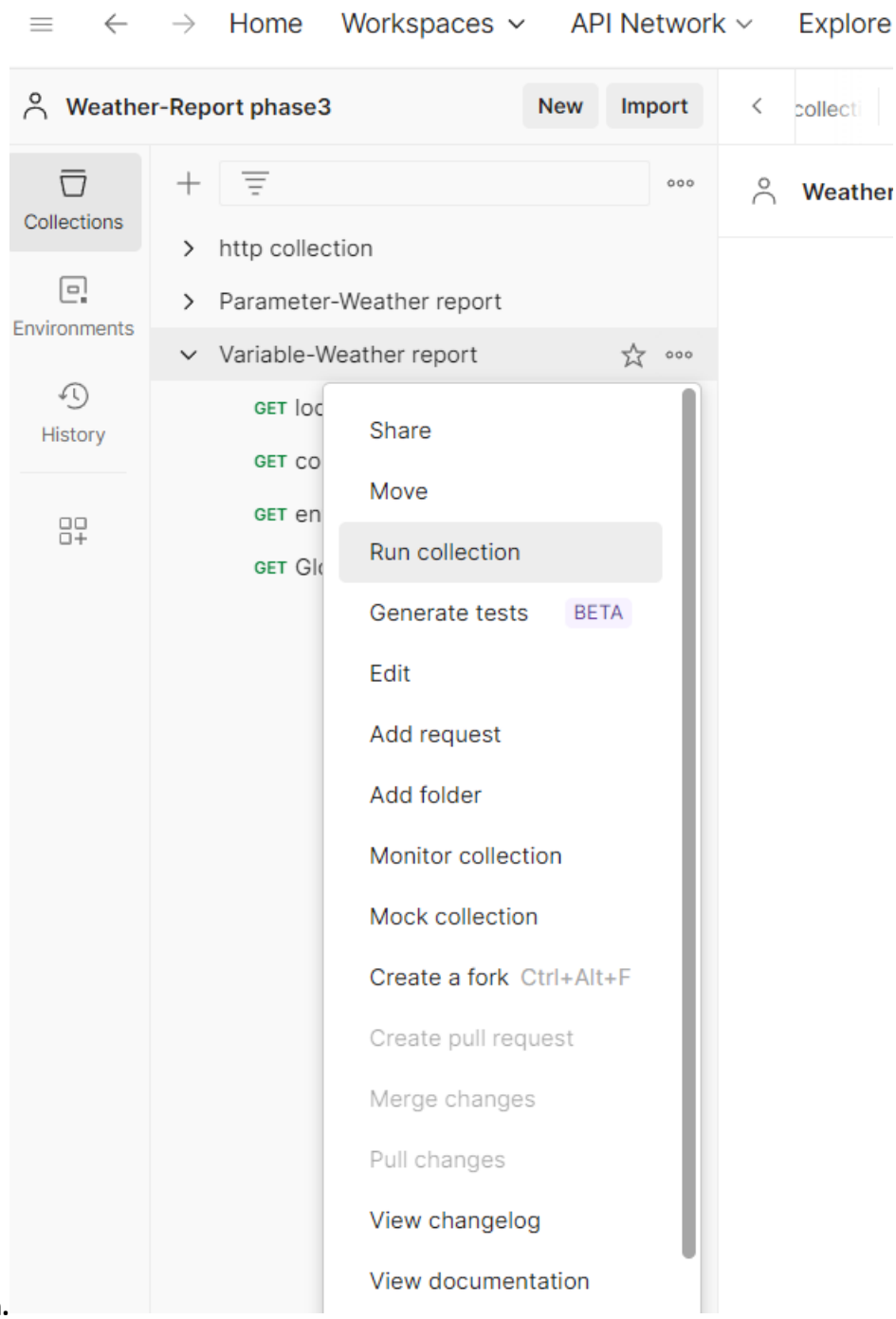

Weather-Report phase3
New
Import
Globals
Save
Global variables for a workspace are a set of variables that are always available within the scope of that workspace. They can be viewed and edited by anyone in that workspace.
Learn more about globals
Filter variables
Variable
Type
Initial value
Current value
URL
default
https://api.openweathermap.org
https://api.openweathermap.org
Add new variable


Home
Workspaces
API Network
Explore
Search Postman
Invite
Weather-Report phase3
New
Import
Collections
Environments
History
Parameter-Weather report
GET parameter
Variable-Weather report
GET local variable
GET collection vari
GET environment vari
GET Global vari
Variable-Weather report / Global vari
GET
{{URL}}/data/2.5/weather?q=Malaysia&appid={{apikey}}
URL
INITIAL https://api.openweathermap.org
CURRENT https://api.openweathermap.org
SCOPE Global
Params
Query Params
Key
Value
Description
q
Malaysia
appid
{{apikey}}

Then click on send button.

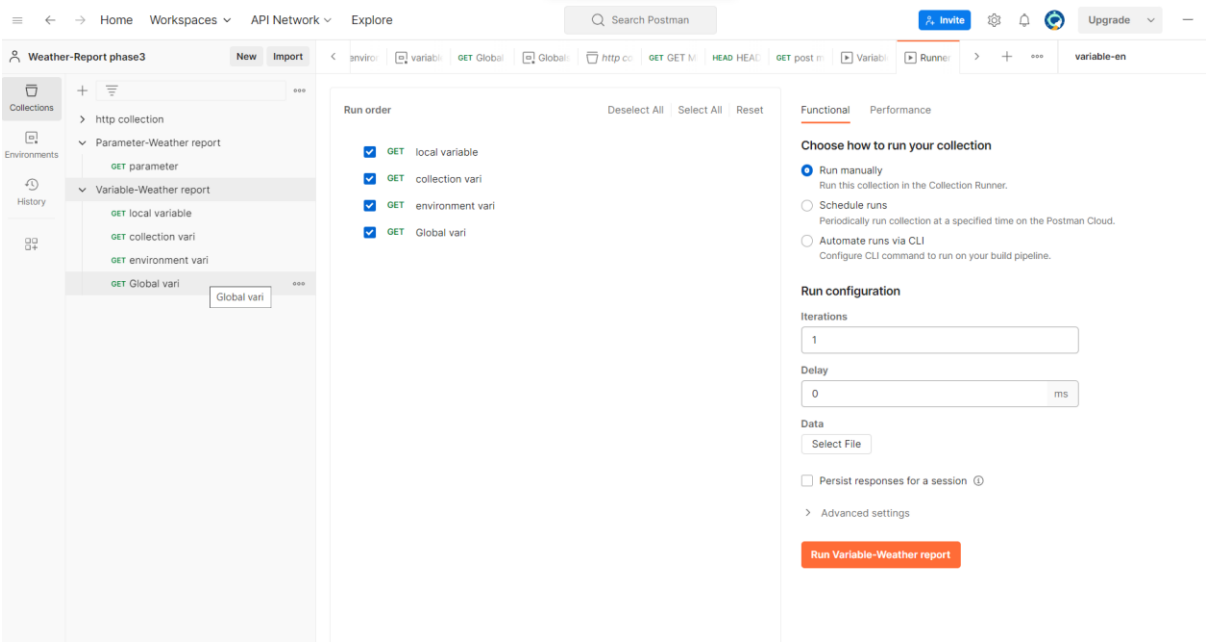


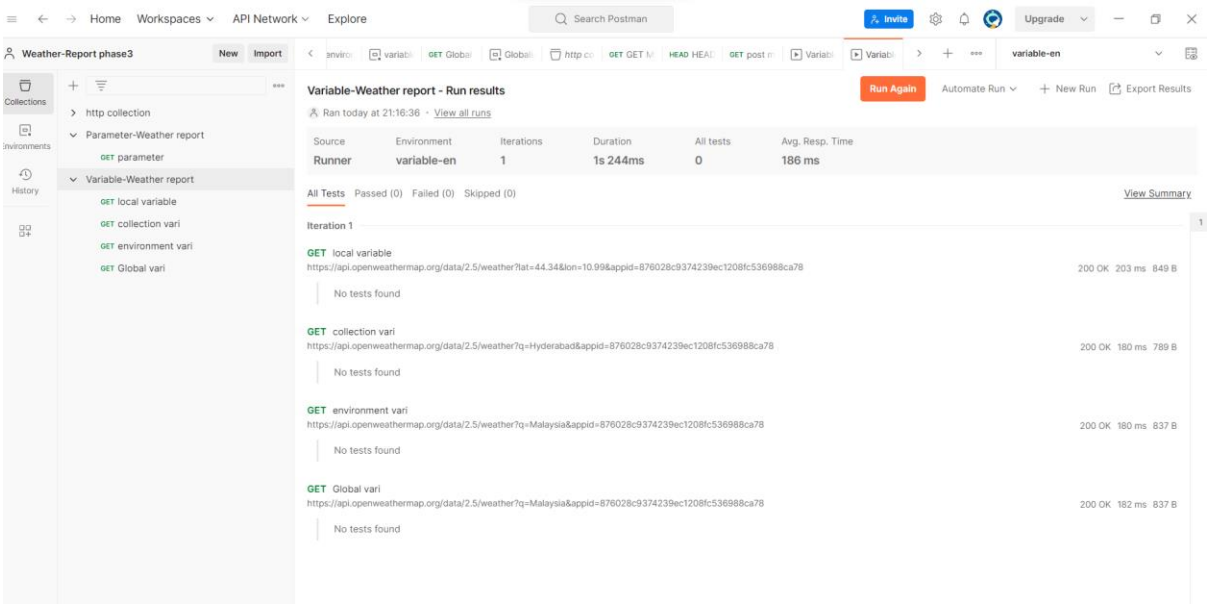
To run the collection manually ,click on the three dots on the collection select the run collection



option.

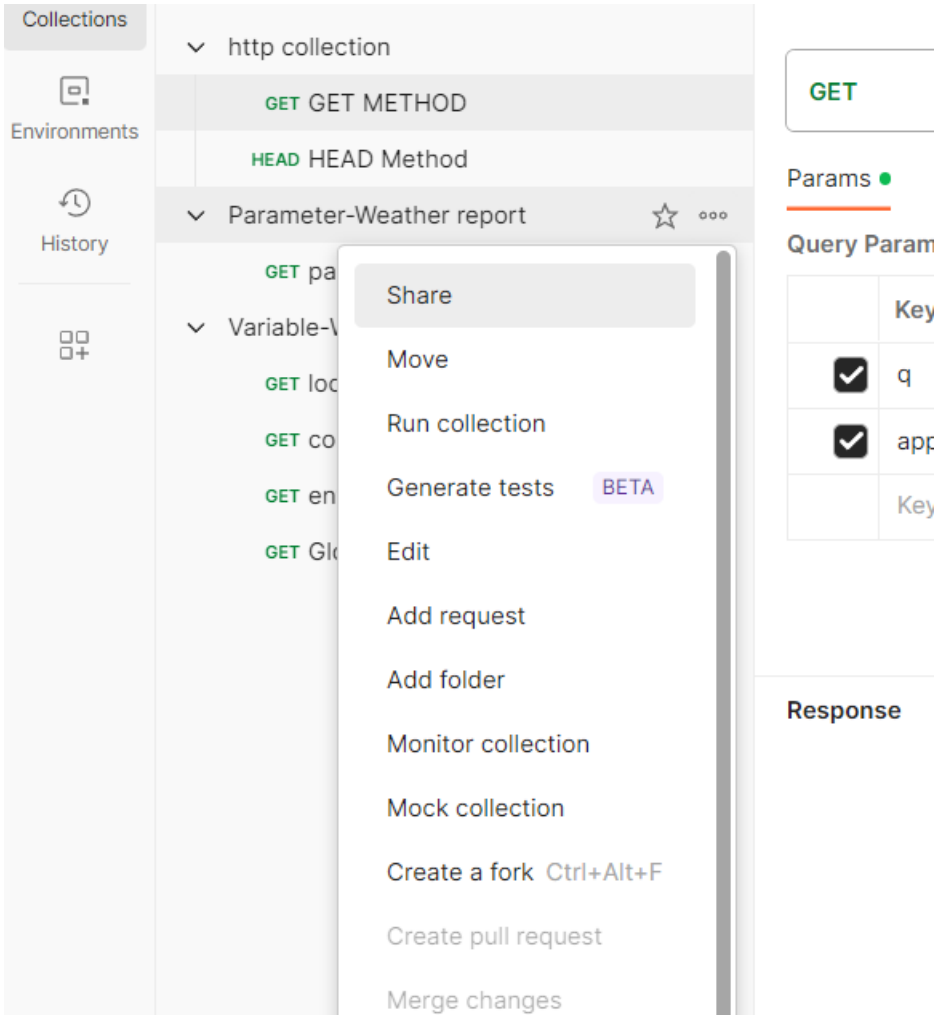
Select the request which you want to run ,and select the iteration and click on run variable to see the output.

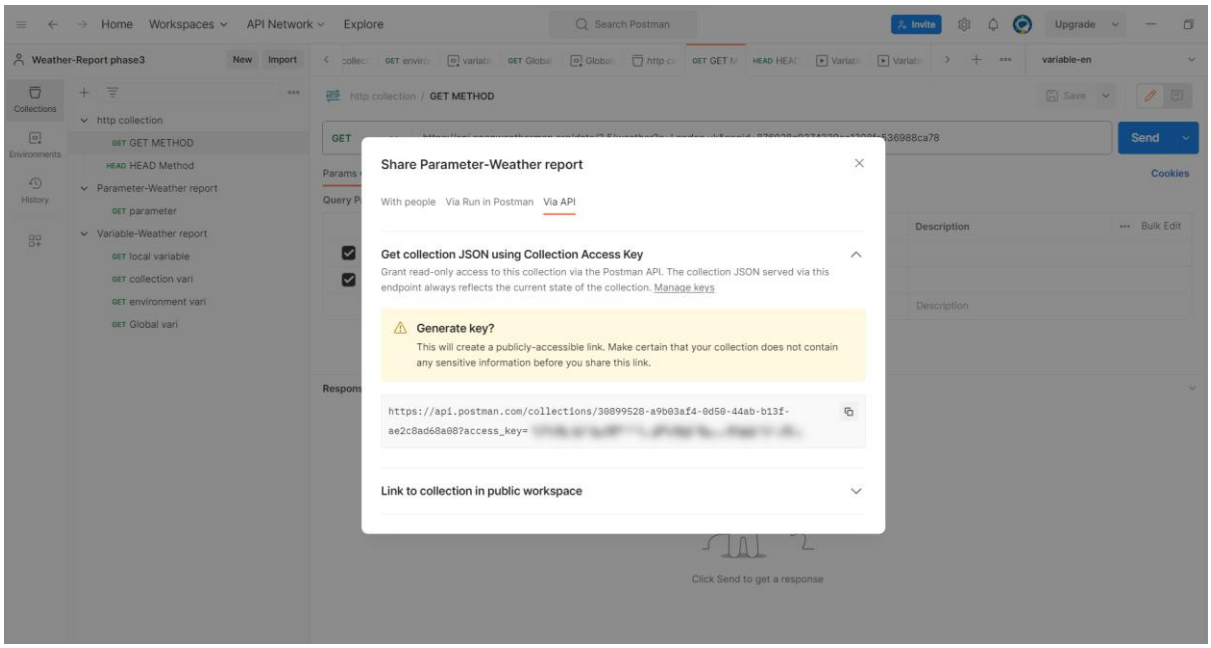




To run the collection in local machine by command prompt via newman tool.

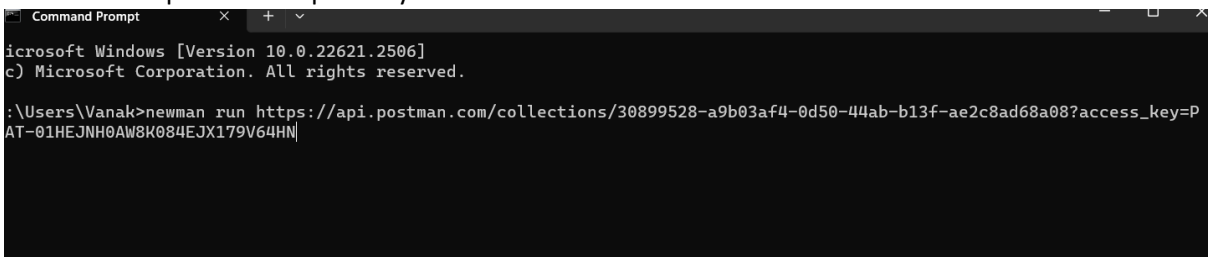
Click on the three dot to the collection which you want to run in command prompt via newman and select the share button.then via api key .click on generate key and copy the key.

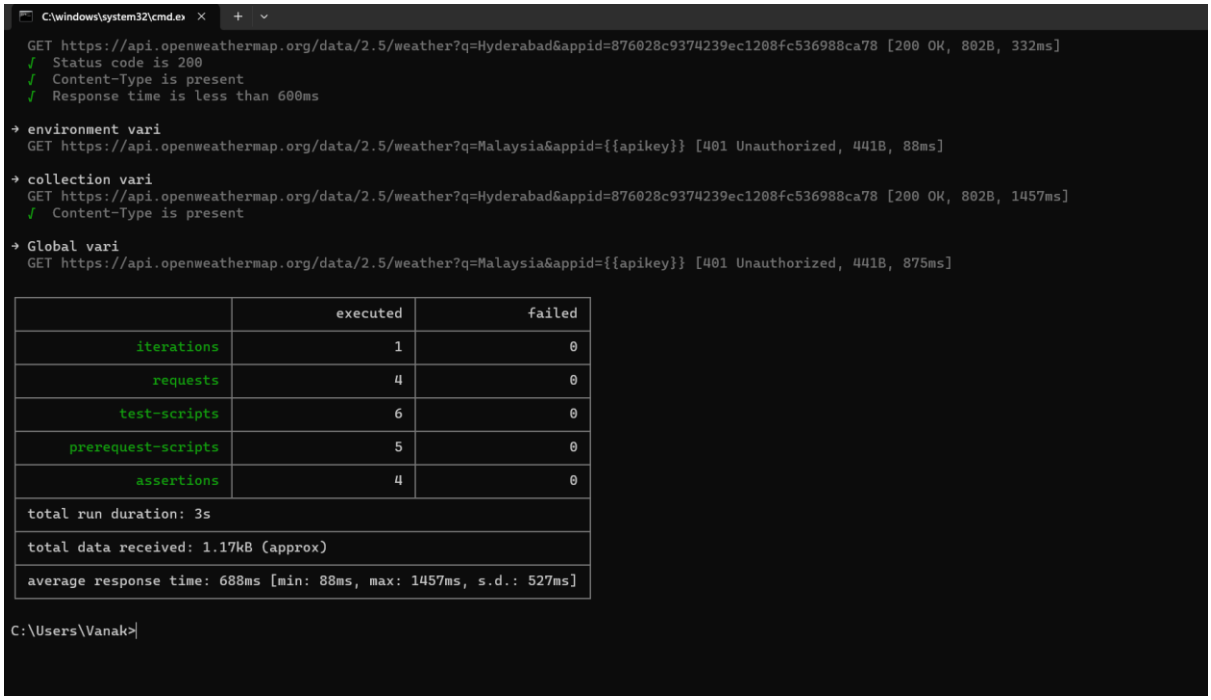




Then type the following code

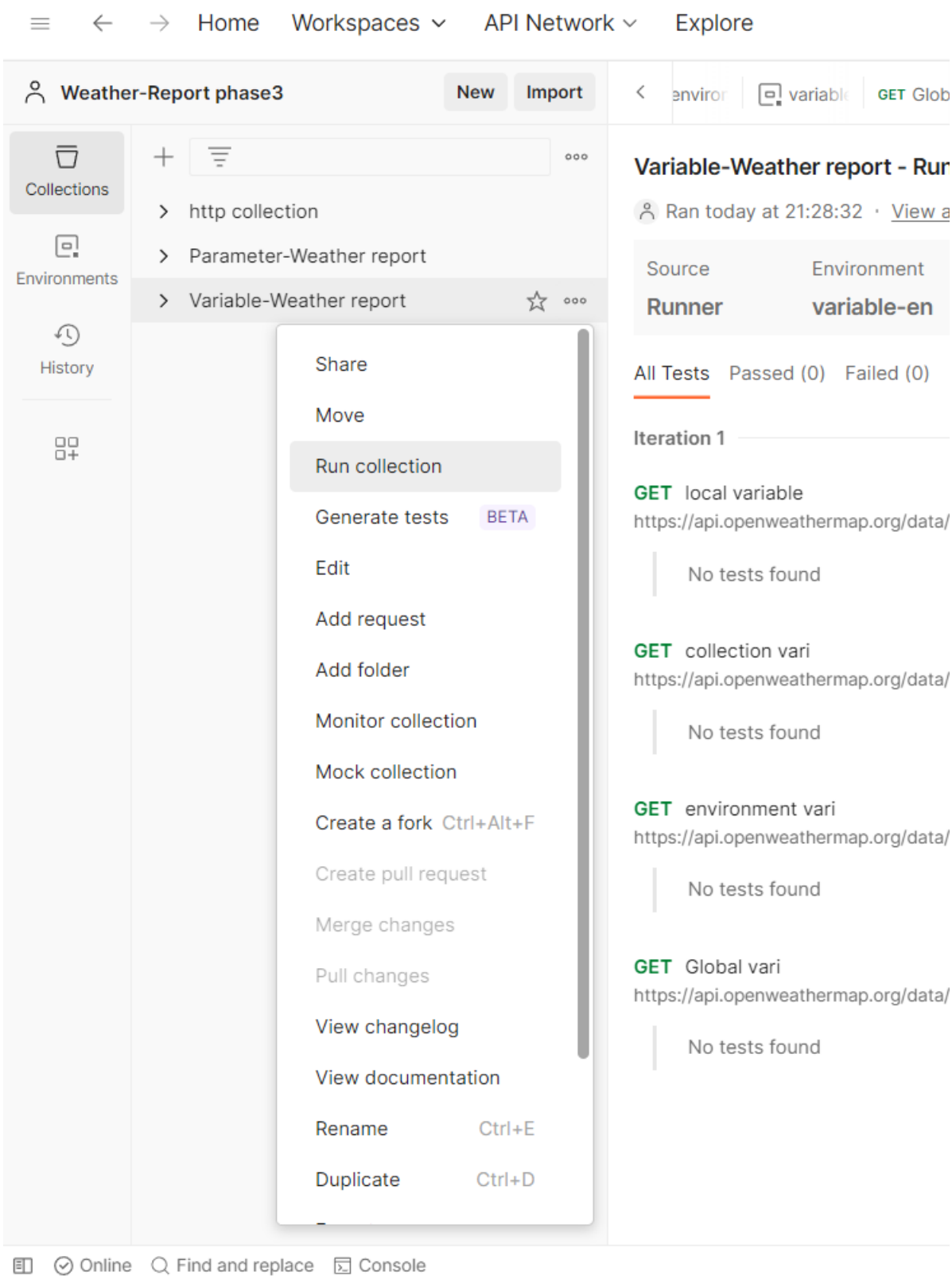
Newman run paste the copied key.



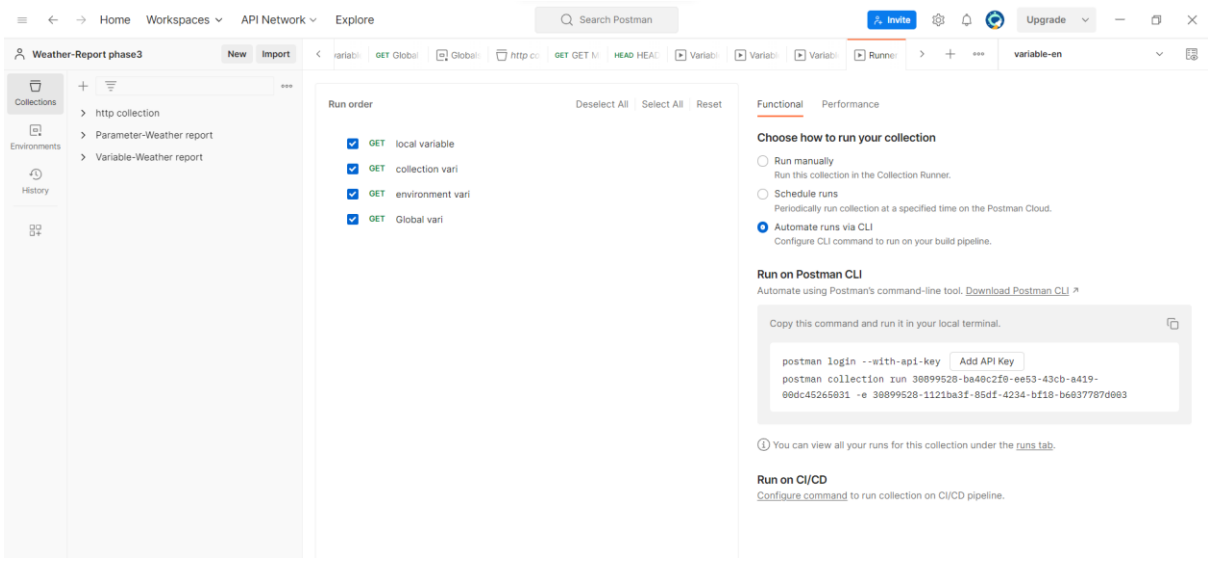


Running collection via jenkins.

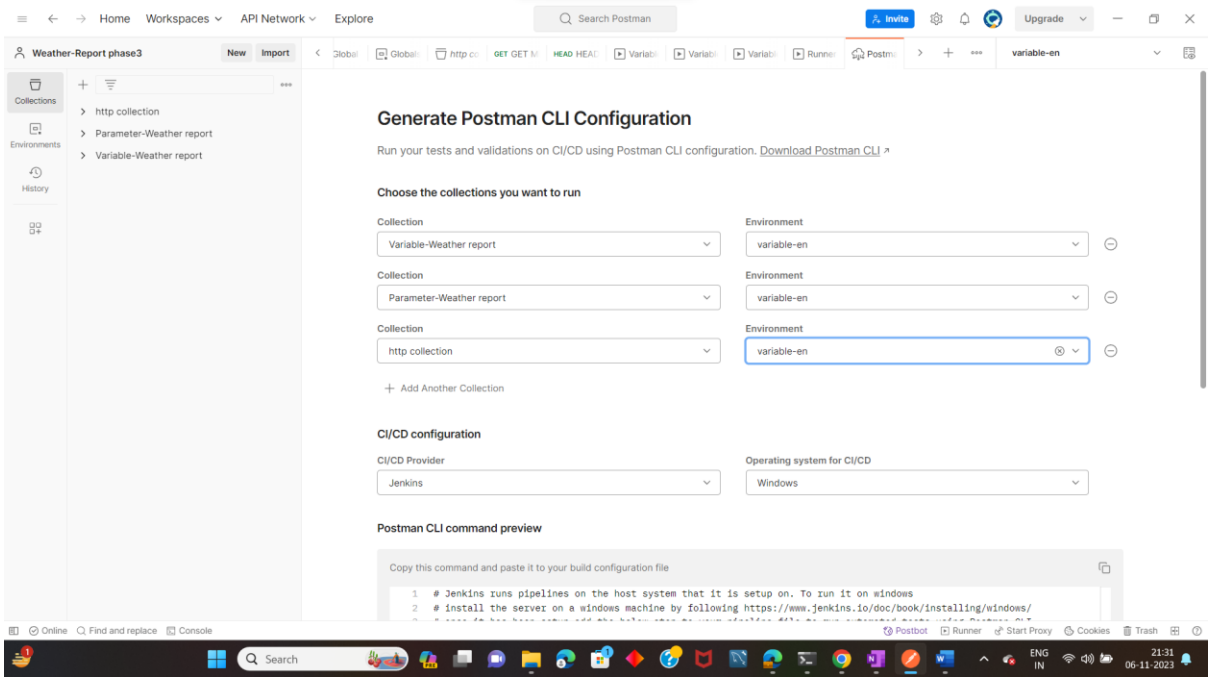
Click on the collection and select the run collection,



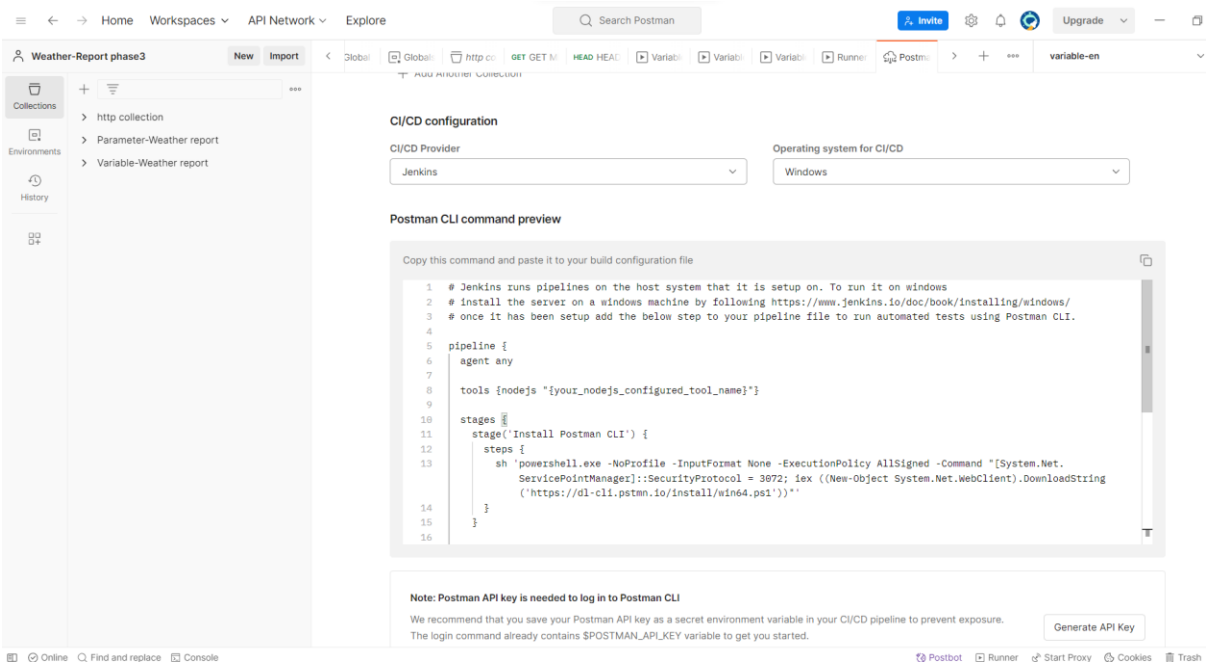
Select automate run via cli,then click on config setting.



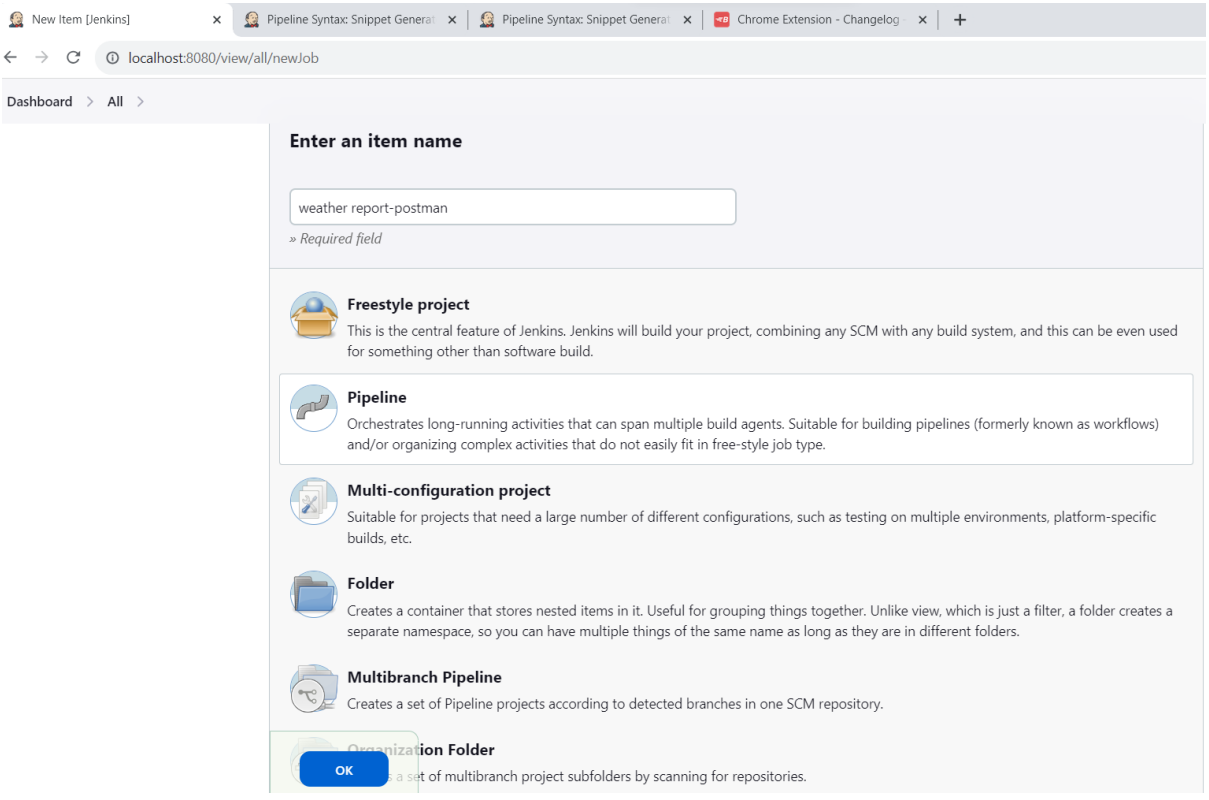
Select the variable and collection,system etc.



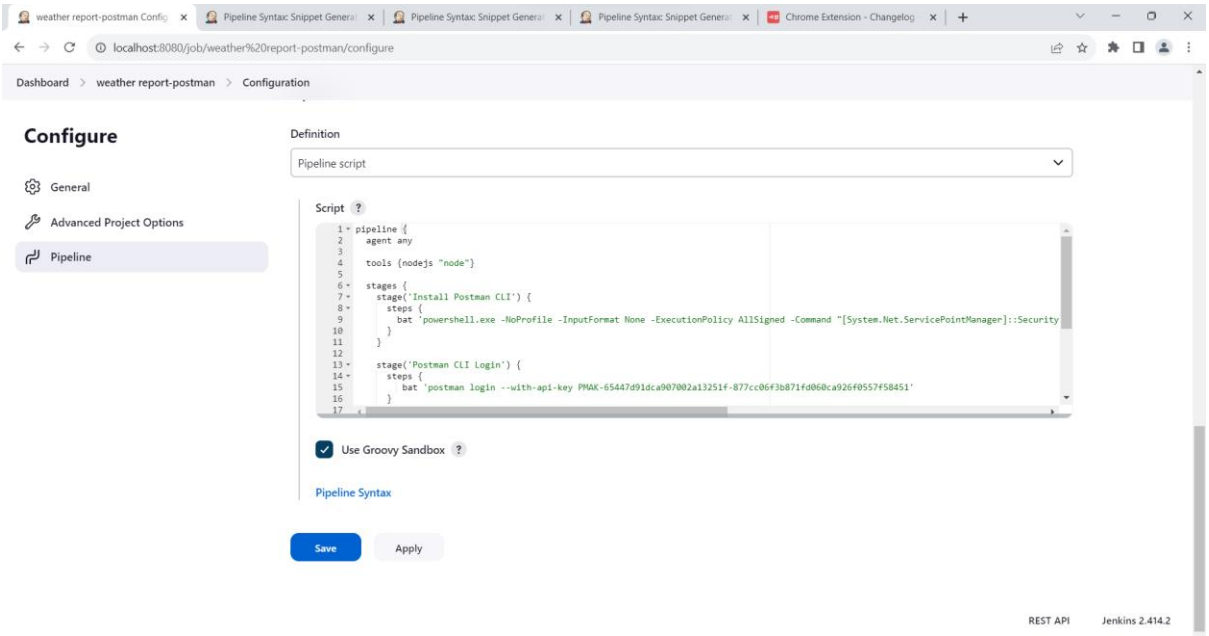
Copy the script



Create a new job in jenkins



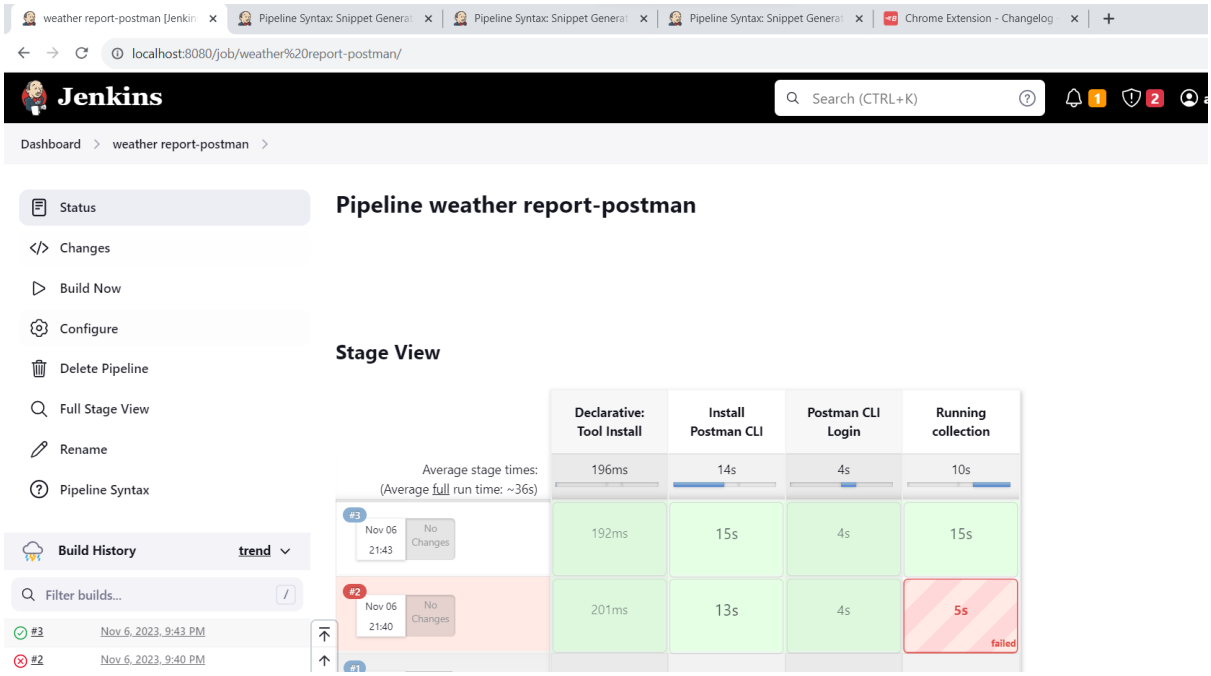
Paste the script in pipe line



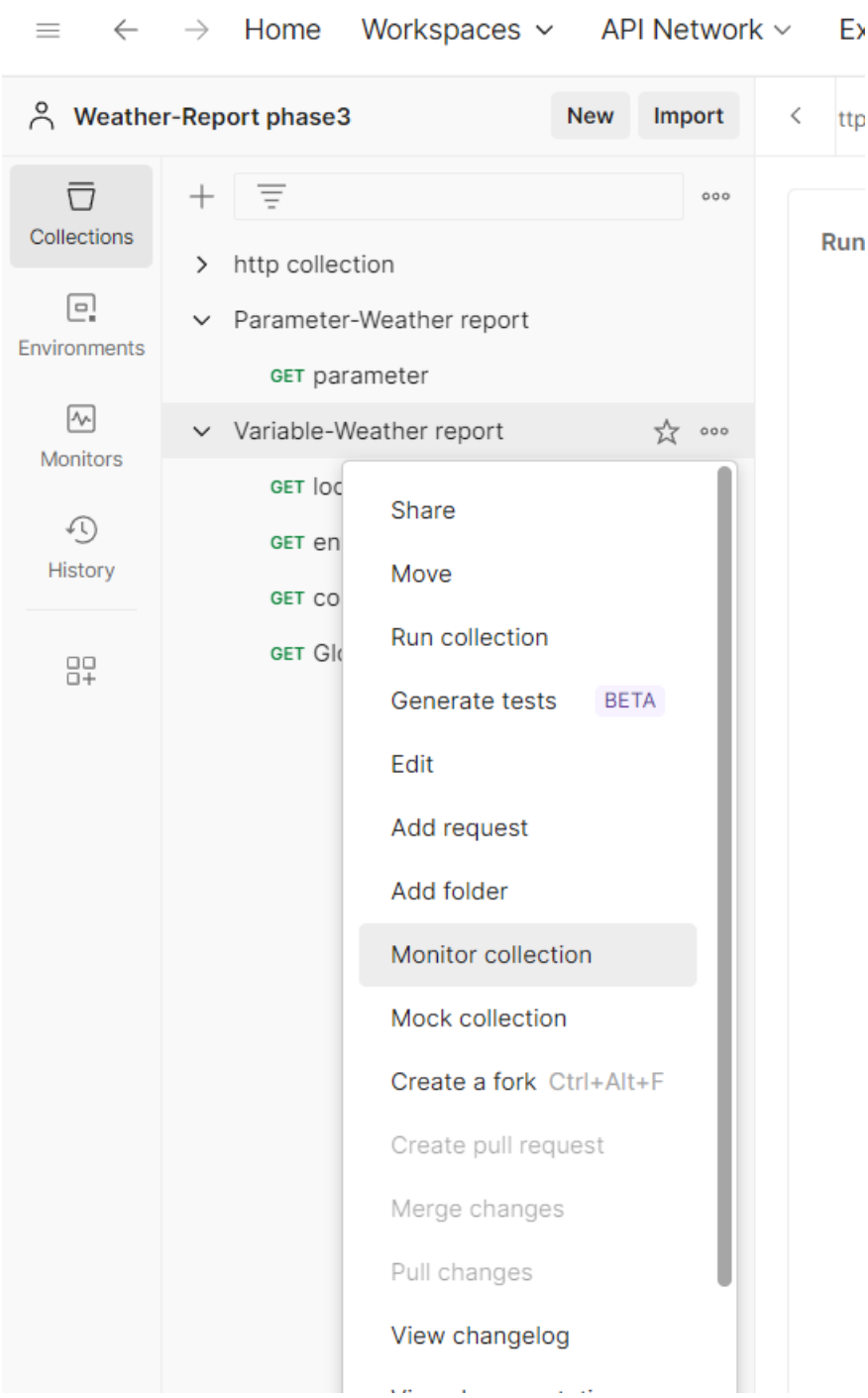
Script

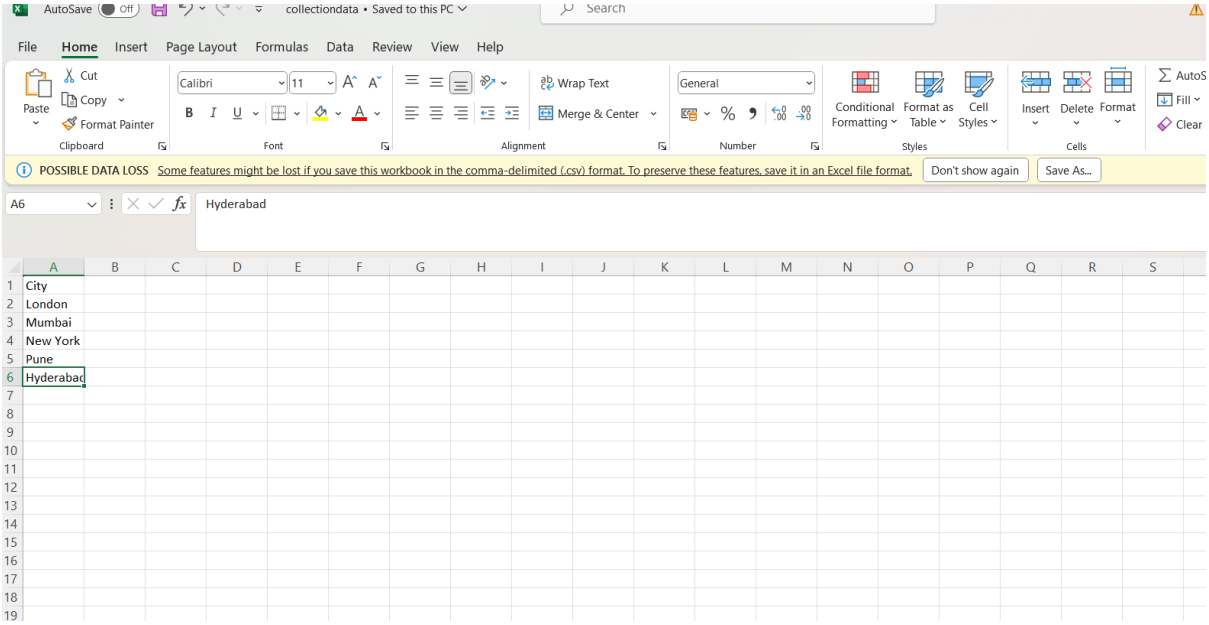
```
pipeline {
  agent any

  tools {nodejs "node"}

  stages {
    stage('Install Postman CLI') {
      steps {
        bat 'powershell.exe -NoProfile -InputFormat None -ExecutionPolicy AllSigned -Command "[System.Net.ServicePointManager]::SecurityPro
      }
    }

    stage('Postman CLI Login') {
      steps {
        bat 'postman login --with-api-key PMAK-65447d91dca907002a13251f-877cc06f3b871fd060ca926f0557f58451'
      }
    }

    stage('Running collection') {
      steps {
        bat 'postman collection run "30899528-ba40c2f0-ee53-43cb-a419-00dc45265031" -e "30899528-1121ba3f-85df-4234-bf18-b6037787d003"'
        bat 'postman collection run "30899528-a9b03af4-0d50-44ab-b13f-ae2c8ad68a08" -e "30899528-1121ba3f-85df-4234-bf18-b6037787d003"'
        bat 'postman collection run "30899528-8bd5a917-f115-4c25-9957-931da6d23447" -e "30899528-1121ba3f-85df-4234-bf18-b6037787d003"'
      }
    }
  }
}
```

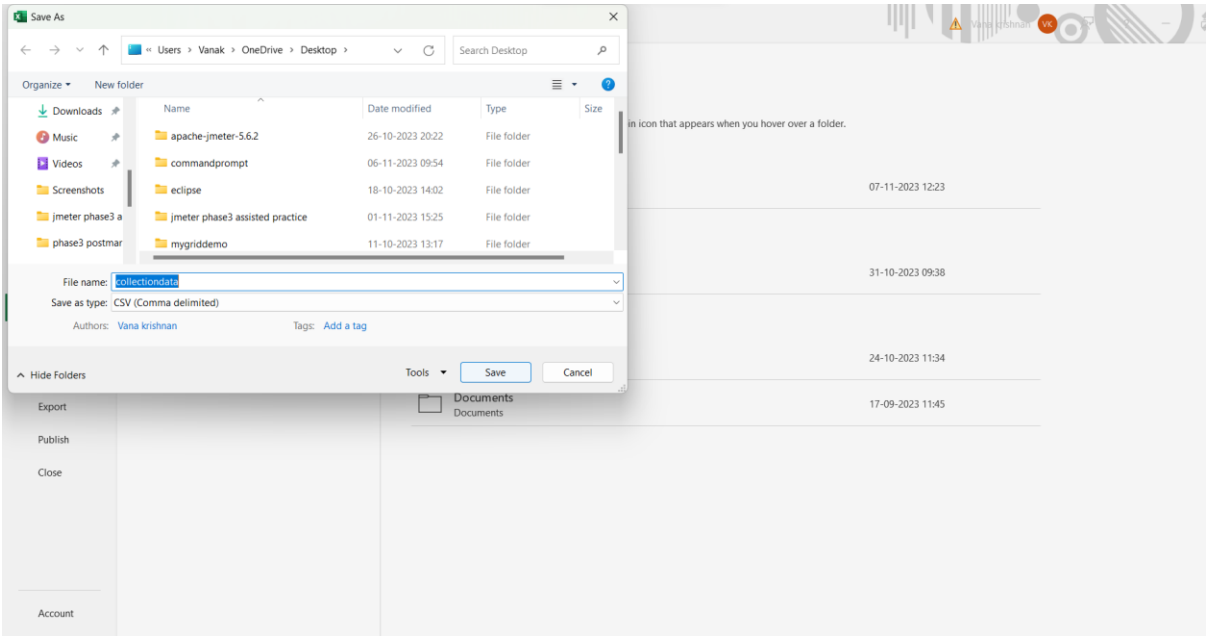
Click on build now to run the job in jenkin,you can see the output.

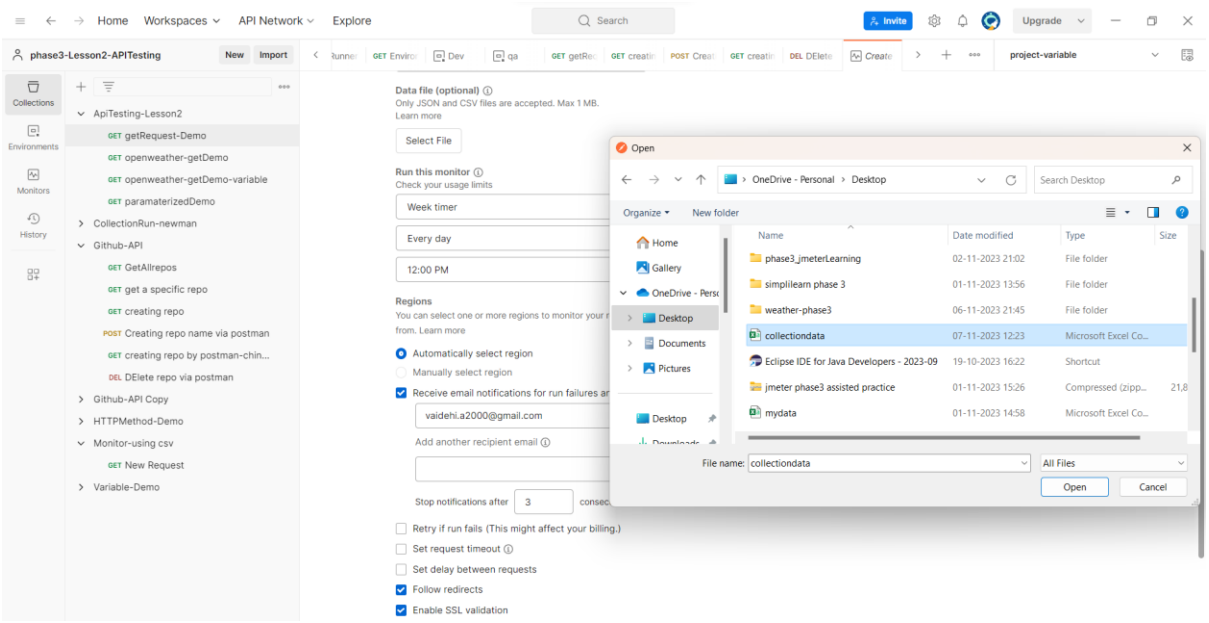


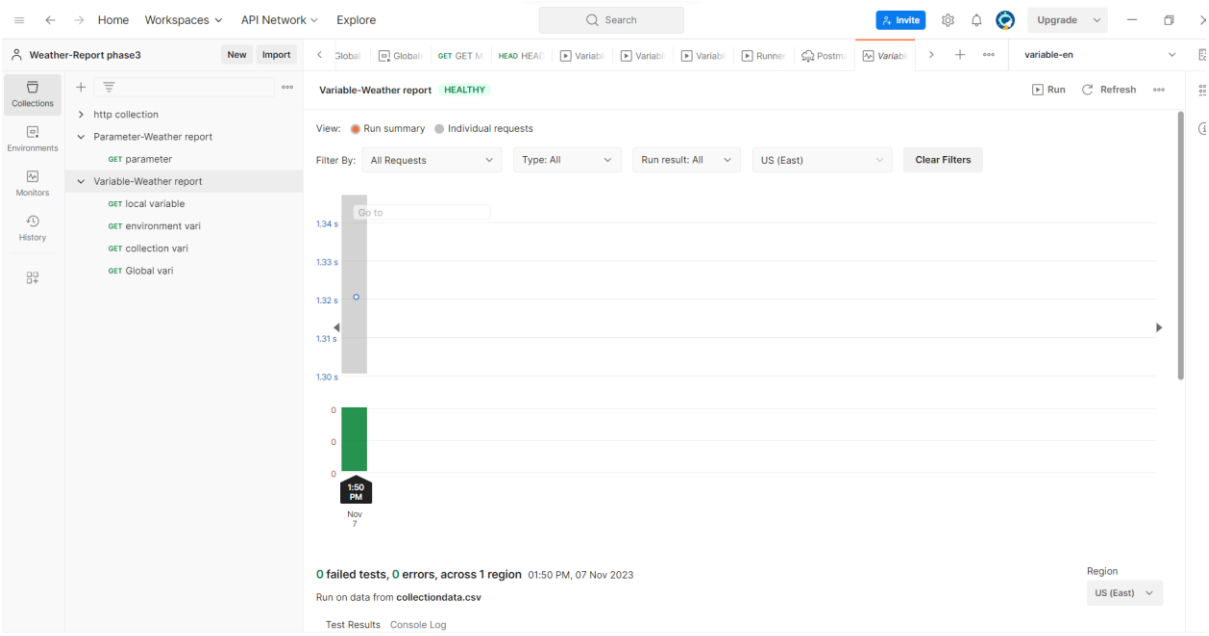
Running through monitor and csv data

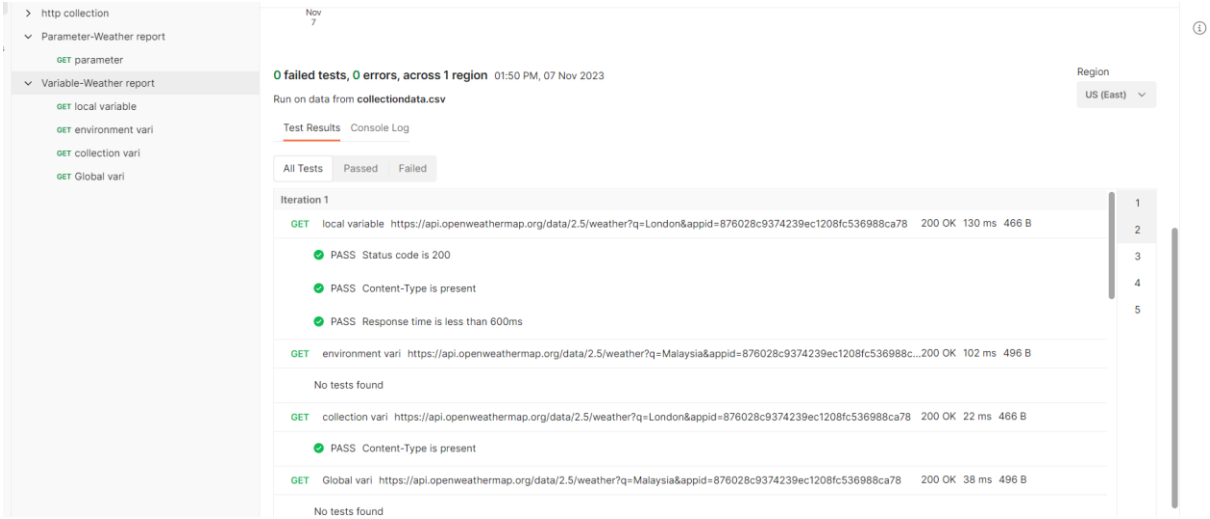



AutoSave Off
collectiondata • Saved to this PC
Search
File Home Insert Page Layout Formulas Data Review View Help
Paste Cut Copy Format Painter
Clipboard
Calibri 11
Font
Wrap Text Merge & Center
Alignment
General
Number
Conditional Formatting Format as Table Cell Styles
Styles
Insert Delete Format
Cells
POSSIBLE DATA LOSS Some features might be lost if you save this workbook in the comma-delimited (.csv) format. To preserve these features, save it in an Excel file format. Don't show again Save As...
A6
Hyderabad
City
London
Mumbai
New York
Pune
Hyderabad


Save As
Users › Vanak › OneDrive › Desktop ›
Search Desktop
Organize New folder
Downloads
Music
Videos
Screenshots
jmeter phase3 a
phase3 postmar
Name
Date modified
Type
Size
apache-jmeter-5.6.2 26-10-2023 20:22 File folder
commandprompt 06-11-2023 09:54 File folder
eclipse 18-10-2023 14:02 File folder
jmeter phase3 assisted practice 01-11-2023 15:25 File folder
mygriddemo 11-10-2023 13:17 File folder
File name: collectiondata
Save as type: CSV (Comma delimited)
Authors: Vana krishnan
Tags: Add a tag
Hide Folders
Tools
Save
Cancel
Export
Publish
Close
Account
Documents
Documents
07-11-2023 12:23
31-10-2023 09:38
24-10-2023 11:34
17-09-2023 11:45


Home
Workspaces
API Network
Explore
Search
Invite
Upgrade
phase3-Lesson2-APITesting
New
Import
project-variable
Collections
Environments
Monitors
History
ApiTesting-Lesson2
GET getRequest-Demo
GET openweather-getDemo
GET openweather-getDemo-variable
GET paramaterizedDemo
CollectionRun-newman
Github-API
GET GetAllrepos
GET get a specific repo
GET creating repo
POST Creating repo name via postman
GET creating repo by postman-chin...
DEL DElete repo via postman
Github-API Copy
HTTPMethod-Demo
Monitor-using csv
GET New Request
Variable-Demo
Data file (optional)
Only JSON and CSV files are accepted. Max 1 MB.
Learn more
Select File
Run this monitor
Check your usage limits
Week timer
Every day
12:00 PM
Regions
Automatically select region
Manually select region
Receive email notifications for run failures
vaidehi.a2000@gmail.com
Add another recipient email
Stop notifications after
Retry if run fails (This might affect your billing.)
Set request timeout
Set delay between requests
Follow redirects
Enable SSL validation
Open
OneDrive - Personal
Desktop
Search Desktop
Organize
New folder
Home
Gallery
OneDrive - Perso
Desktop
Documents
Pictures
Name
Date modified
Type
Size
phase3_jmeterLearning
02-11-2023 21:02
File folder
simplilearn phase 3
01-11-2023 13:56
File folder
weather-phase3
06-11-2023 21:45
File folder
collectiondata
07-11-2023 12:23
Microsoft Excel Co...
Eclipse IDE for Java Developers - 2023-09
19-10-2023 16:22
Shortcut
jmeter phase3 assisted practice
01-11-2023 15:26
Compressed (zipp...
mydata
01-11-2023 14:58
Microsoft Excel Co...
File name: collectiondata
All Files
Open
Cancel


Home
Workspaces
API Network
Explore
Search
Invite
Upgrade
Weather-Report phase3
New
Import
variable-en
Collections
Environments
Monitors
History
http collection
Parameter-Weather report
GET parameter
Variable-Weather report
GET local variable
GET environment vari
GET collection vari
GET Global vari
Variable-Weather report
HEALTHY
Run
Refresh
View:
Run summary
Individual requests
Filter By:
All Requests
Type: All
Run result: All
US (East)
Clear Filters
Go to
1.34 s
1.33 s
1.32 s
1.31 s
1.30 s
1:50 PM
Nov 7
0 failed tests, 0 errors, across 1 region
01:50 PM, 07 Nov 2023
Run on data from collectiondata.csv
Region
US (East)
Test Results
Console Log
Online
Find and replace
Console
Postbot
Runner
Start Proxy
Cookies
Trash


http collection
Parameter-Weather report
GET parameter
Variable-Weather report
GET local variable
GET environment vari
GET collection vari
GET Global vari
Nov 7
0 failed tests, 0 errors, across 1 region
01:50 PM, 07 Nov 2023
Run on data from collectiondata.csv
Region
US (East)
Test Results
Console Log
All Tests
Passed
Failed
Iteration 1
GET local variable https://api.openweathermap.org/data/2.5/weather?q=London&appid=876028c9374239ec1208fc536988ca78 200 OK 130 ms 466 B
PASS Status code is 200
PASS Content-Type is present
PASS Response time is less than 600ms
GET environment vari https://api.openweathermap.org/data/2.5/weather?q=Malaysia&appid=876028c9374239ec1208fc536988c... 200 OK 102 ms 496 B
No tests found
GET collection vari https://api.openweathermap.org/data/2.5/weather?q=London&appid=876028c9374239ec1208fc536988ca78 200 OK 22 ms 466 B
PASS Content-Type is present
GET Global vari https://api.openweathermap.org/data/2.5/weather?q=Malaysia&appid=876028c9374239ec1208fc536988ca78 200 OK 38 ms 496 B
No tests found

Adding a request giving methods as HEAD

Click on send button to view the result.