

PROJECT

Aim:

To create a well-structured output for an API client using Postman, which will open the URL and get the detailed weather report quickly.

Description:

Step 1:

Install Postman

download and install Postman from the official website: Postman Download.

Step 2:

Open Postman

Launch Postman after installation.

Step 3:

Create a New Request

Click on "New" to create a new request.

Step 4:

Name the Request

Give your request a meaningful name. For example, "Weather API Request."

Step 5:

Enter the API URL

In the URL field, enter the URL of the weather API you want to access

Step 7:

Add Request Parameters

If weather API requires parameters like the location, date, or units, add them as key-value pairs in the Params section. This is where you configure the specifics of your weather request to access

Step 9:

Save the Request

Click "Save" to save the request in your Postman workspace.

Step 10:

Send the Request

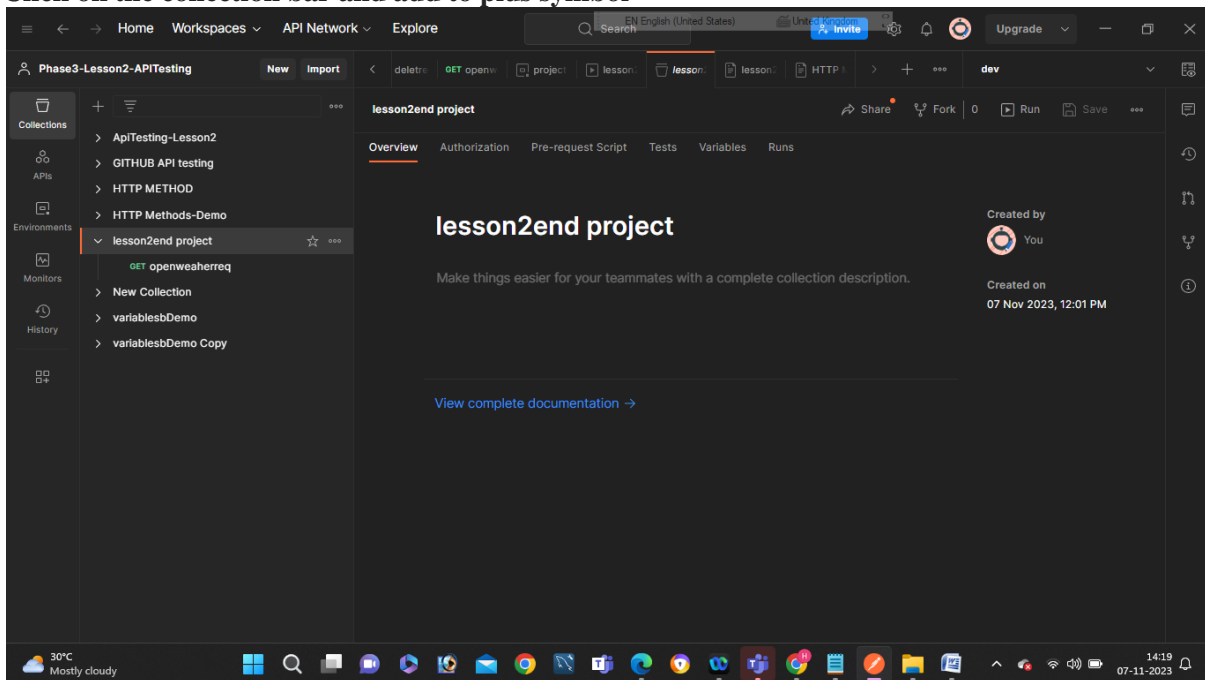
Click the "Send" button to make the request to the weather API. Postman will display the response.

Document the Request

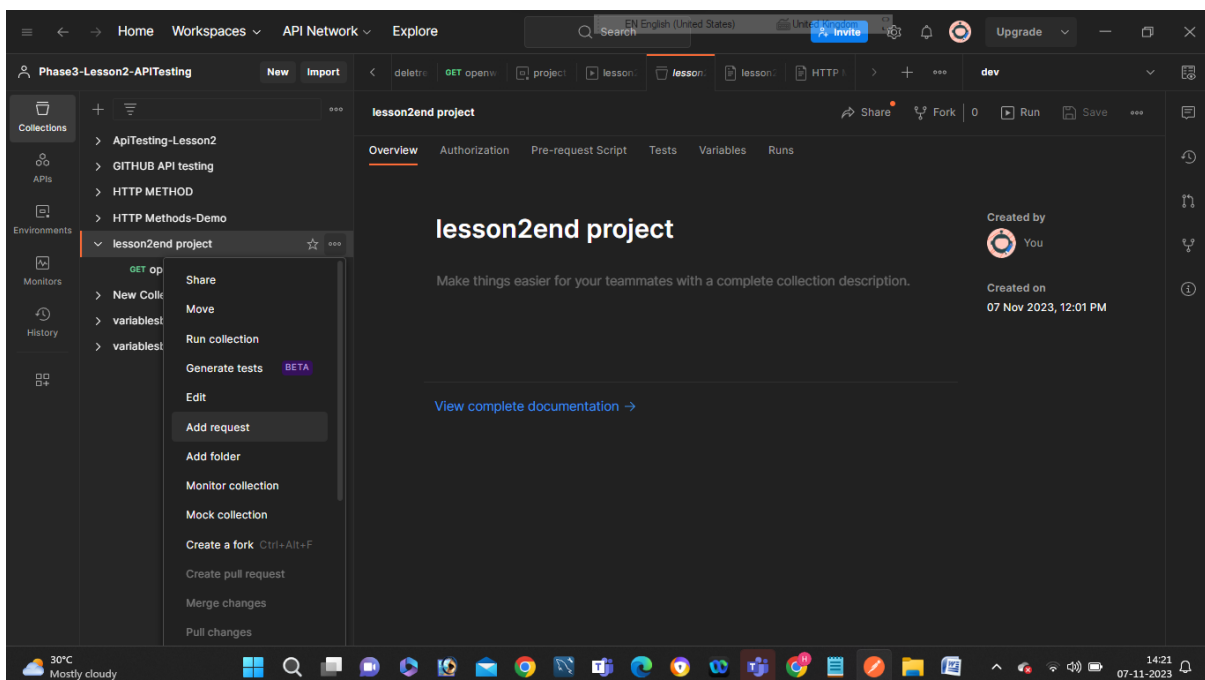
Add descriptions and notes to your request and response in Postman to make it more understandable for other team members.

Create a collection:

Click on the collection bar and add to plus symbol

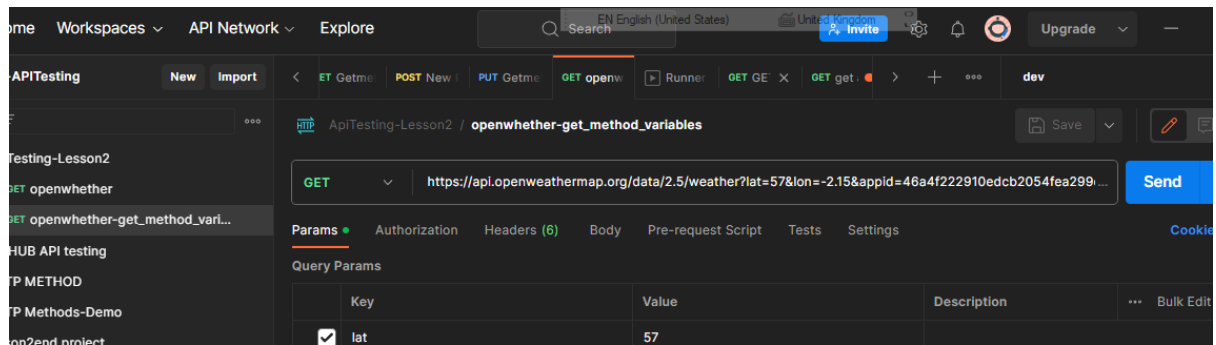


Add the request under the collection:



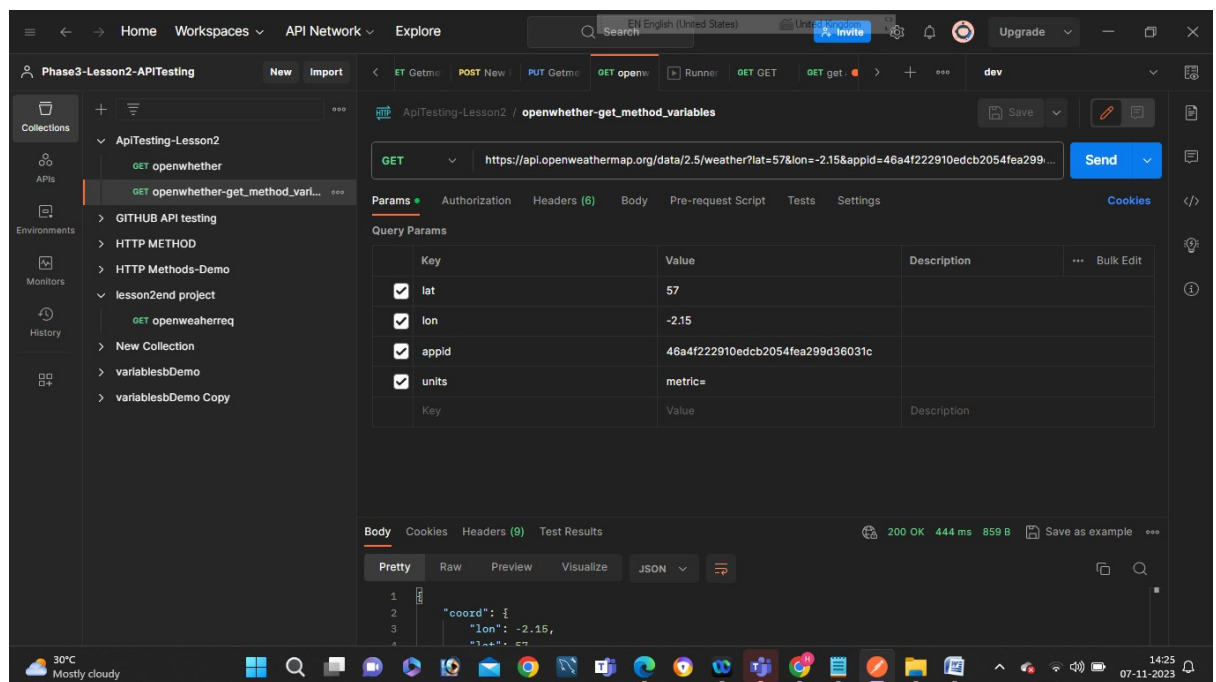
Enter the API URL

In the URL field, enter the URL of the weather API you want to access

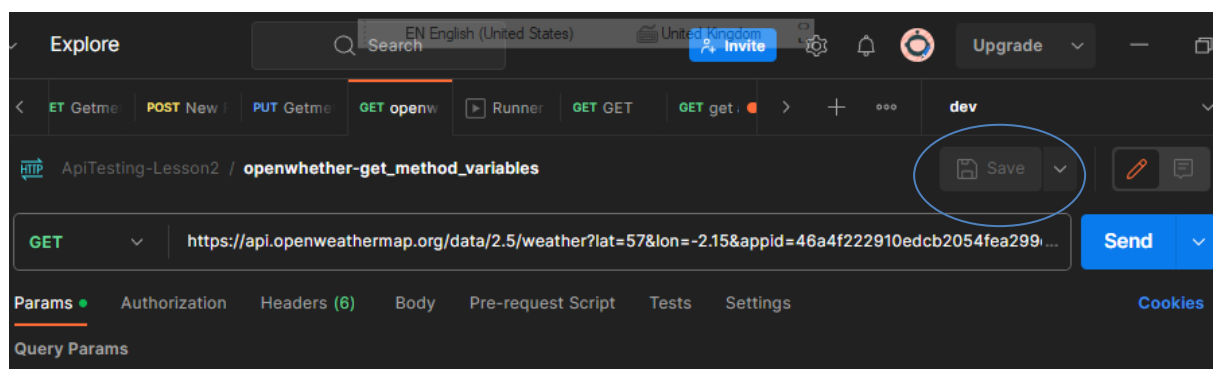


Add Request Parameters

If weather API requires parameters like the location, date, or units, add them as key-value pairs in the Params section. This is where you configure the specifics of your weather request to access

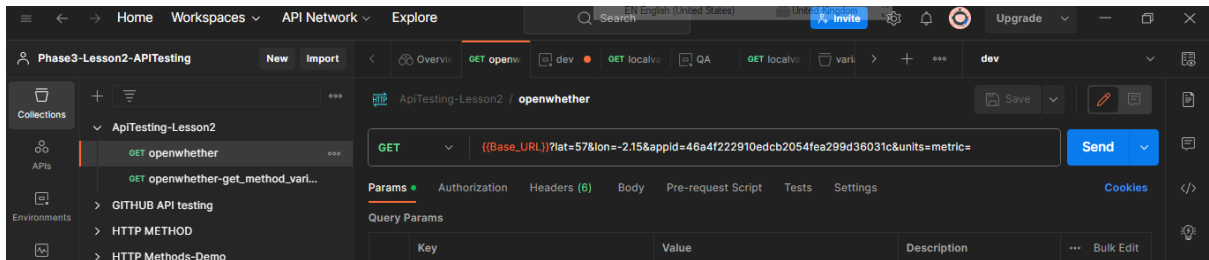


Save the request:

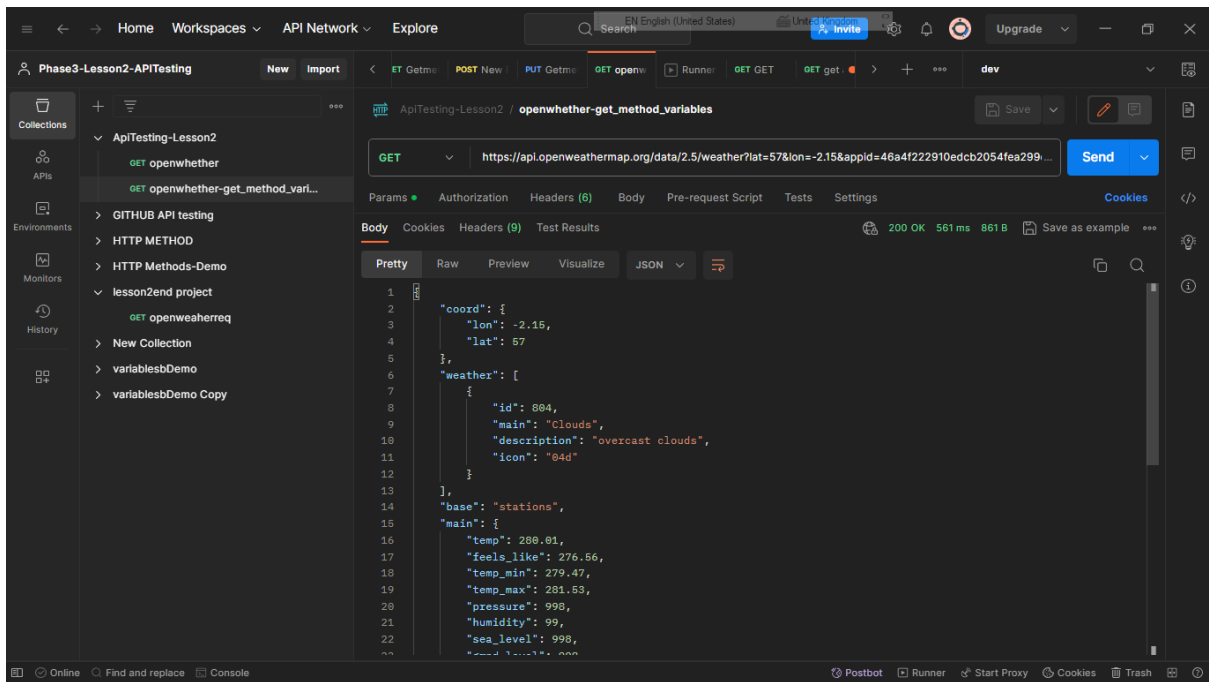


Send the request

Click on the send button:



OUTPUT:



Home Workspaces API Network Explore

Phase3-Lesson2-APITesting New Import

ApiTesting-Lesson2 openweather

GET ((Base_URL))?lat=57&lon=-2.15&appid=46a4f222910edcb2054fea299d36031c&units=metric=

Send

Params Authorization Headers (6) Body Pre-request Script Tests Settings Cookies

Body Cookies Headers (9) Test Results

200 OK 2.46 s 861 B Save as example

Pretty Raw Preview Visualize JSON

```
1
2
3  "coord": {
4    "lon": -2.15,
5    "lat": 57
6  },
7  "weather": [
8    {
9      "id": 804,
10     "main": "Clouds",
11     "description": "overcast clouds",
12     "icon": "04d"
13   }
14 ],
15 "base": "stations",
16 "main": {
17   "temp": 288.01,
18   "feels_like": 276.56,
19   "temp_min": 279.47,
20   "temp_max": 281.53,
21   "pressure": 998,
22   "humidity": 99,
23   "sea_level": 998,
24   "sea_level": 998
25 }
```

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