

# Phase3-Practice Project: Assisted Practice

## Postman:

Illustrate workspaces in Postman using an example

Demonstrate how to create a Collection.

Demonstrate how to create the first API request.

Explain how to work on Get requests, with an example.

Demonstrate how to parameterize requests.

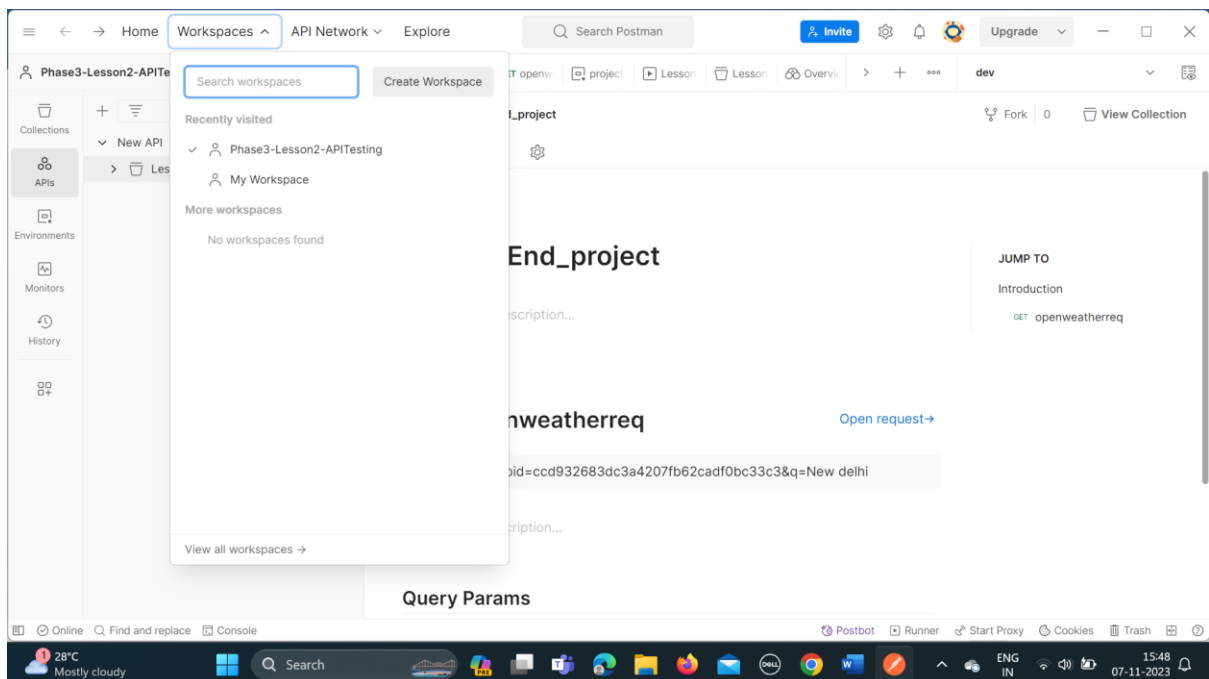
### Workspace :

workspace is a area where you write the api request and your create a collection of requests and environments .

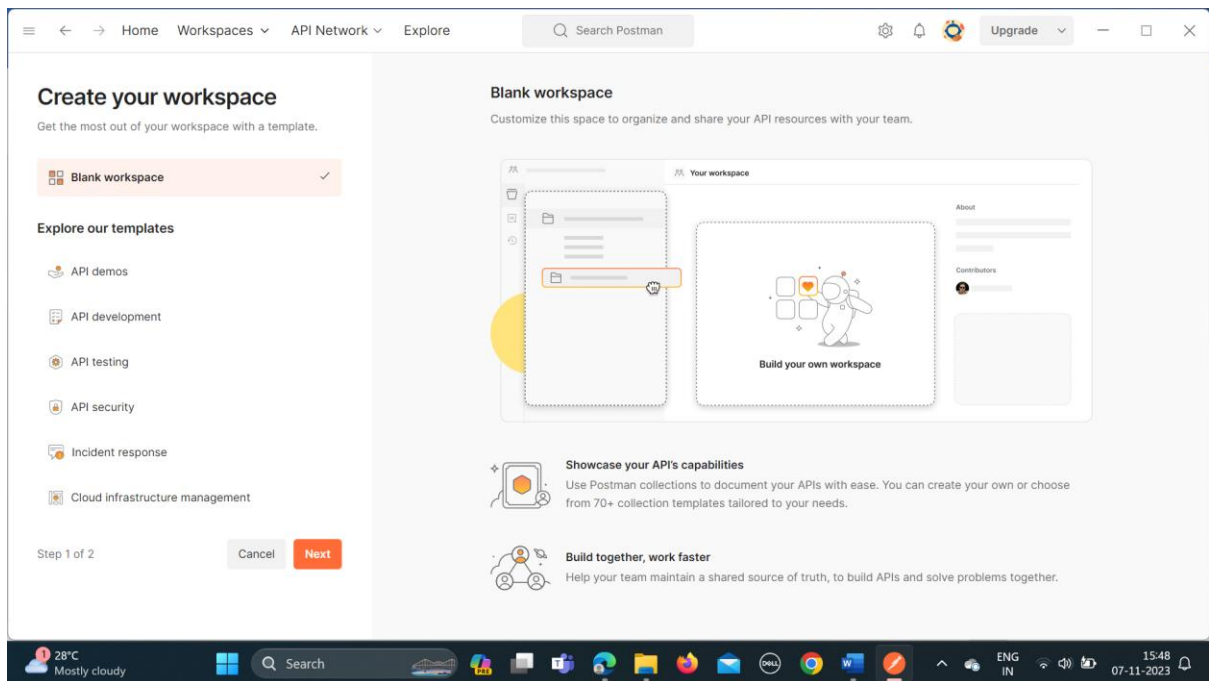
workspace can be private or shared.

### Create a workspace in postman:

click on workspace and click on create workspace.



Click on blank workspace.

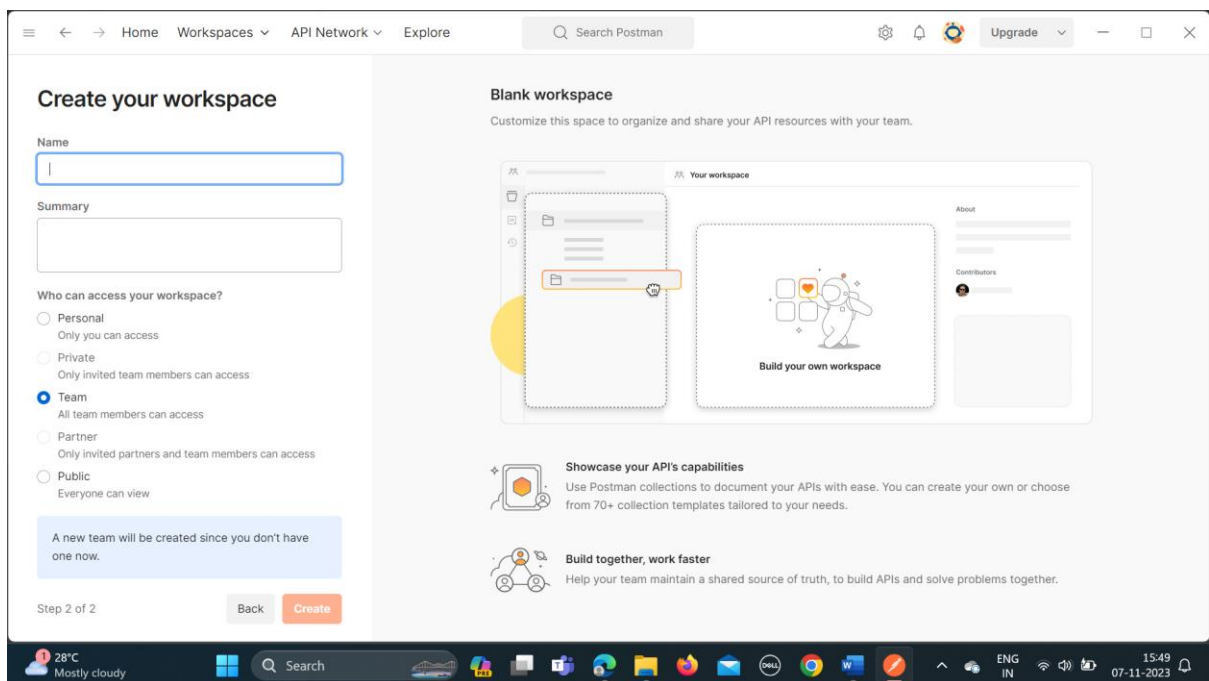


Click on next.

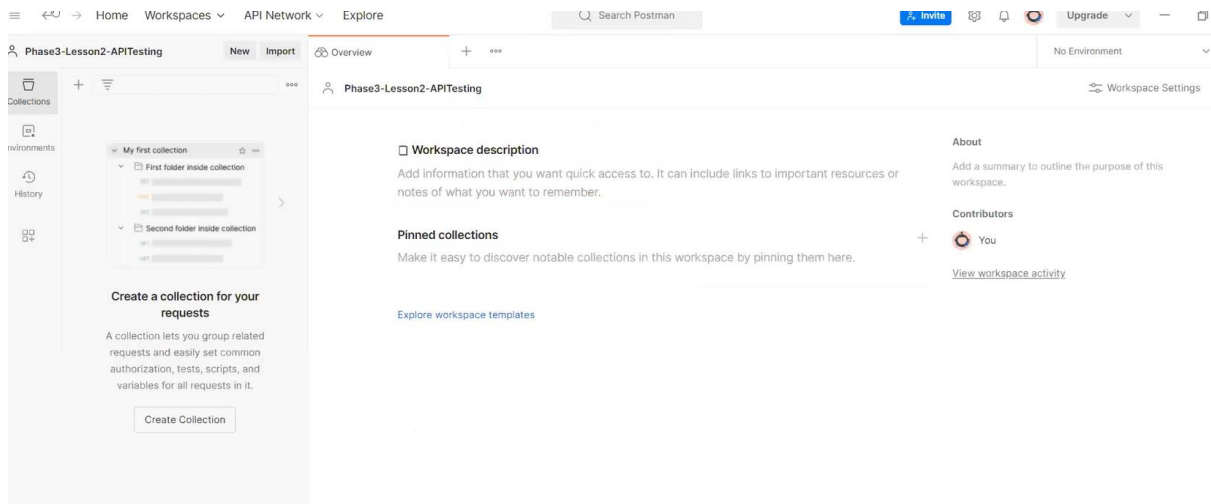
Give a name and we can write summary to the workspace.

Click on personal

Click on create.

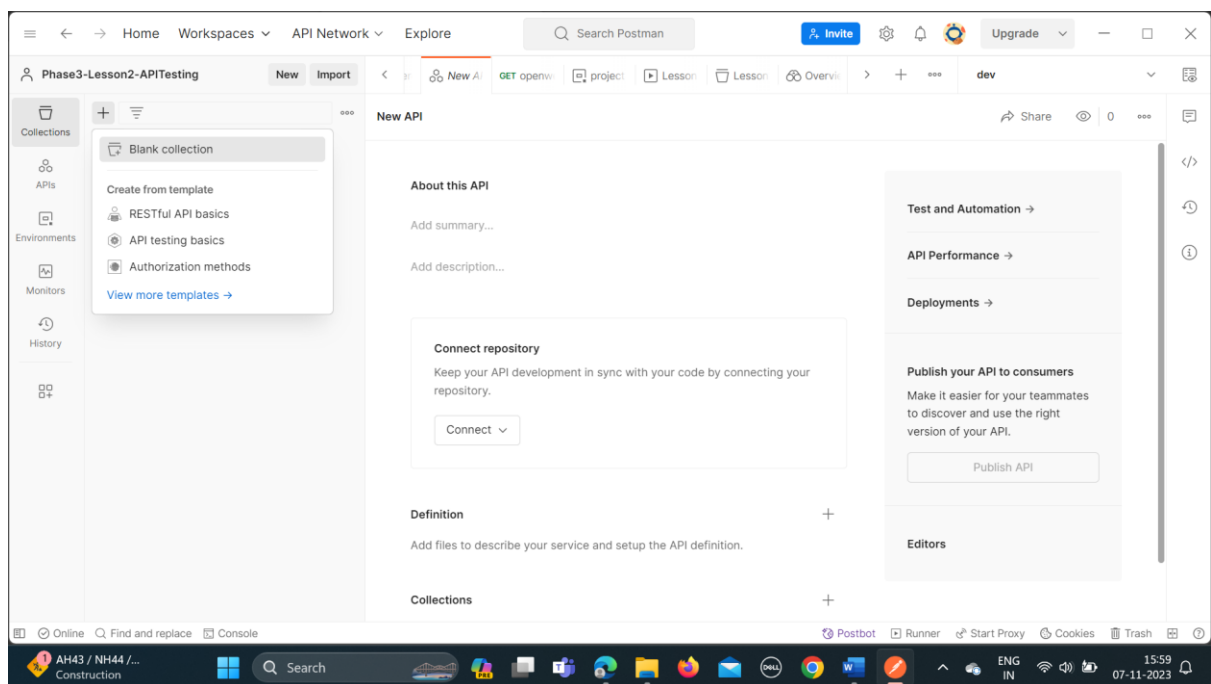


Workspace will be created

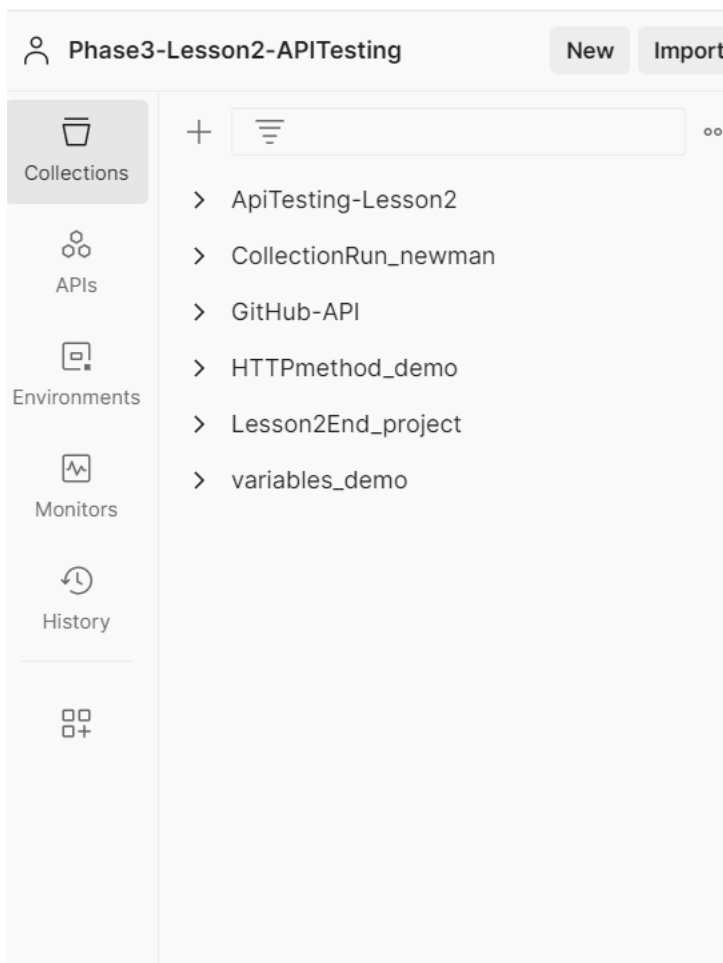
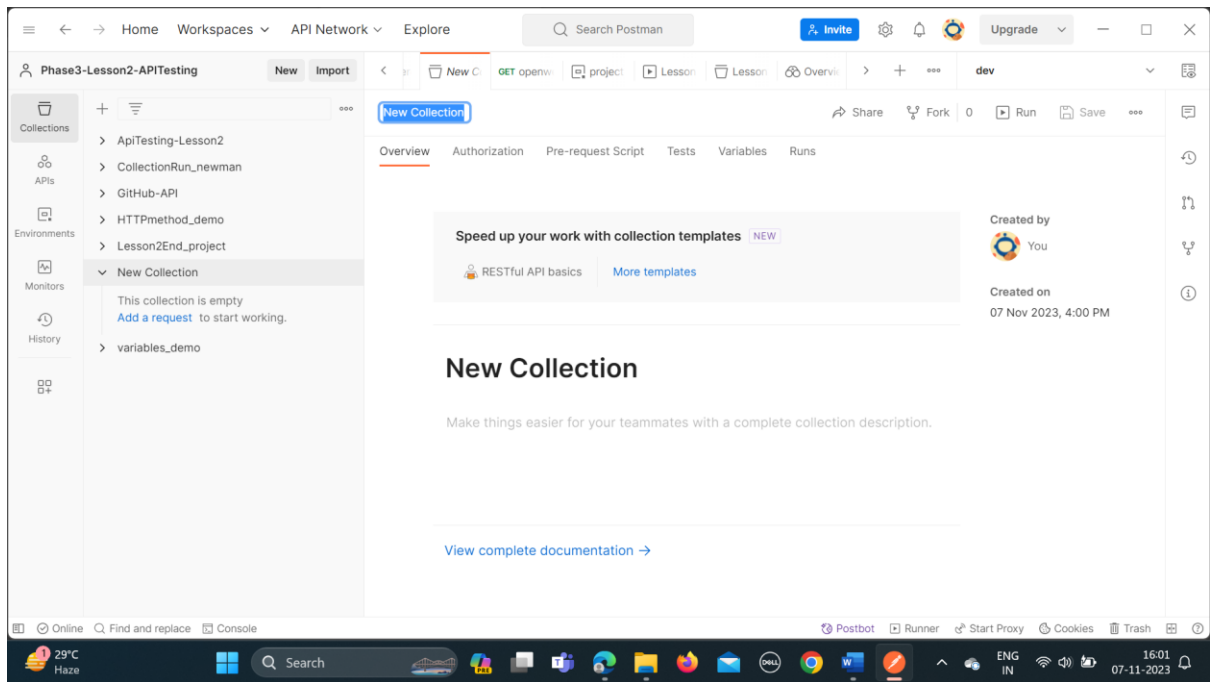


## Create a Collection:

Click on the + sign and click on blank collection .



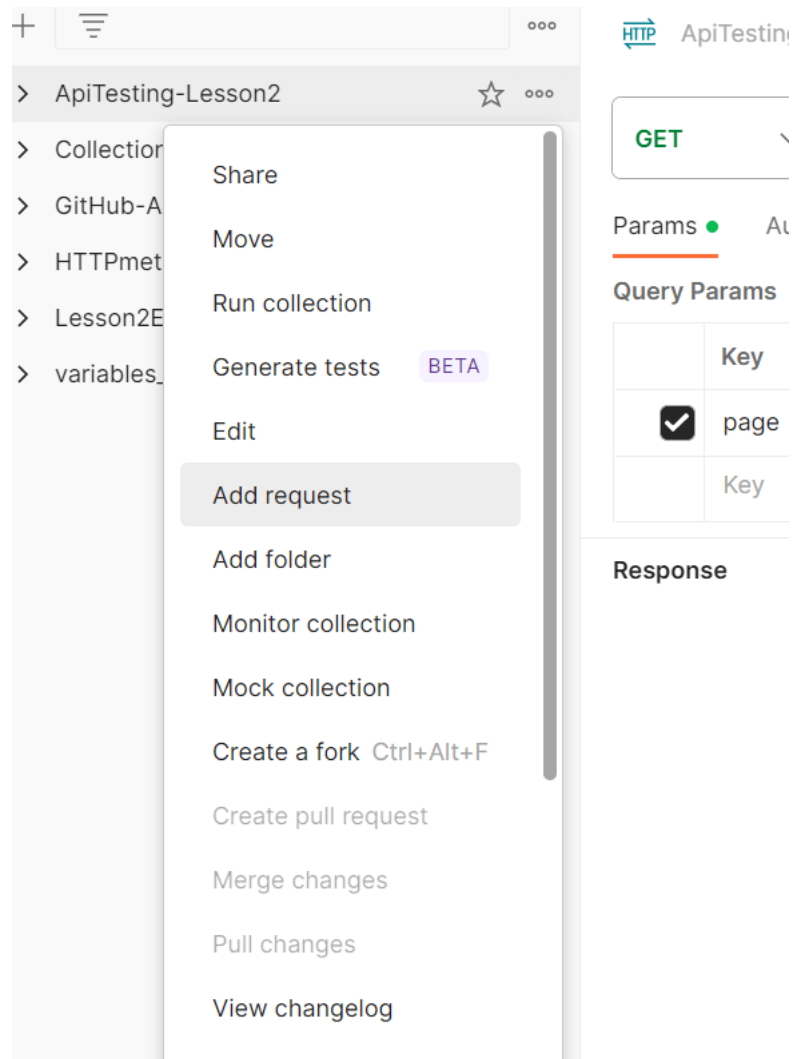
Give a name to collection.



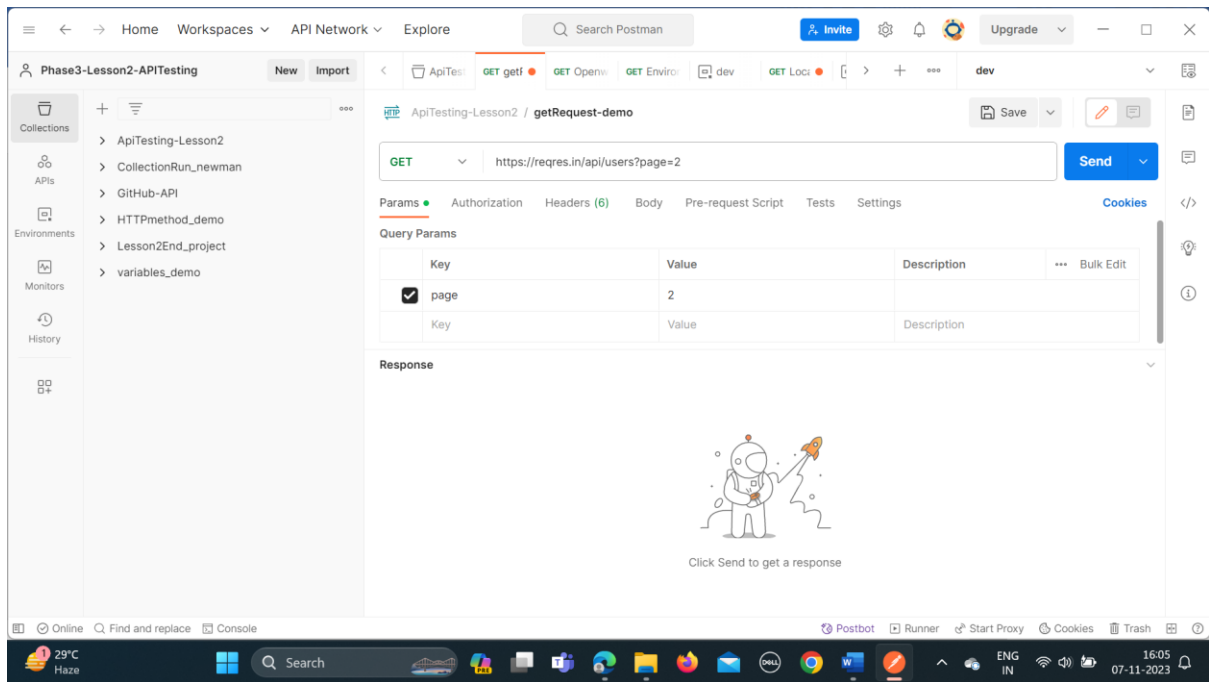
### Create a API request:

Click on the 3dots beside the collection which your have created

Click on add request.



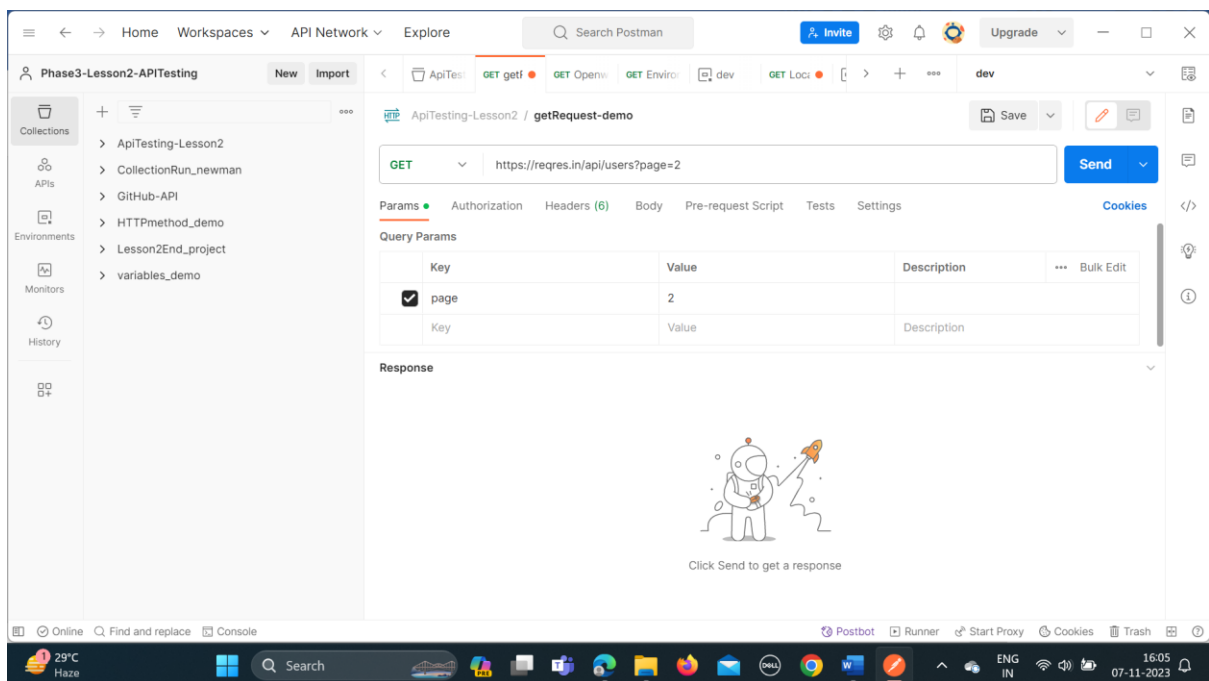
Then give then name to the request



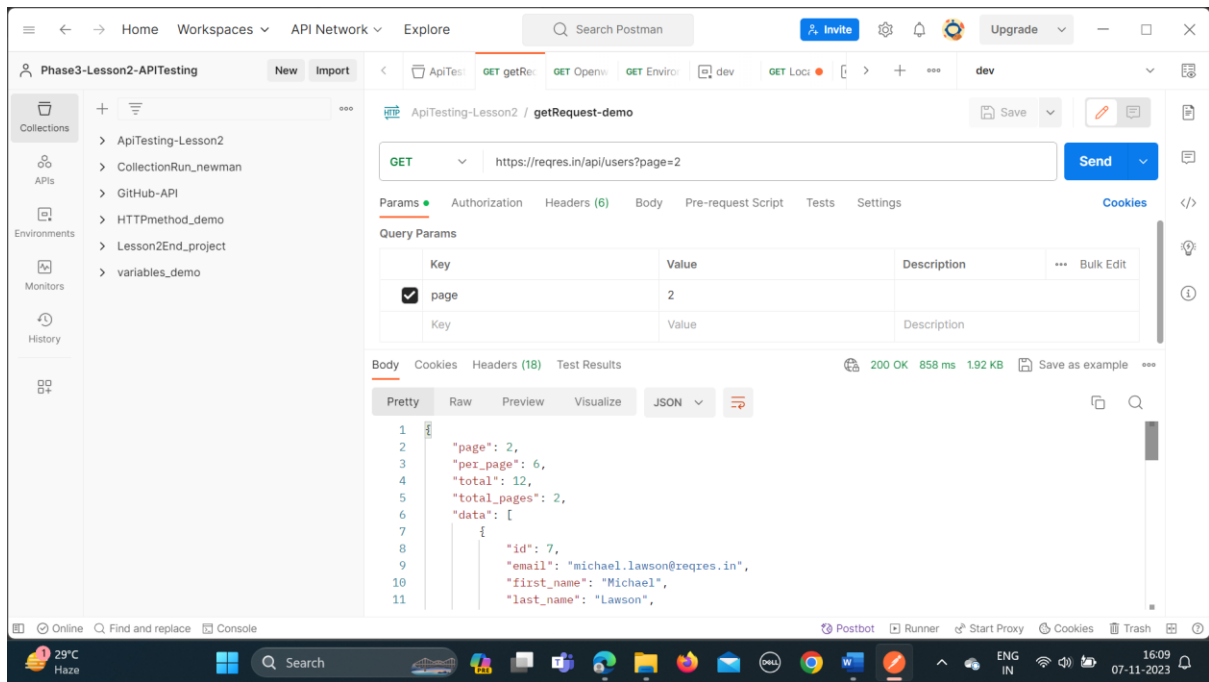
**Create a GET request:**

Select GET

Give url in the url section.



Click on save and send button,



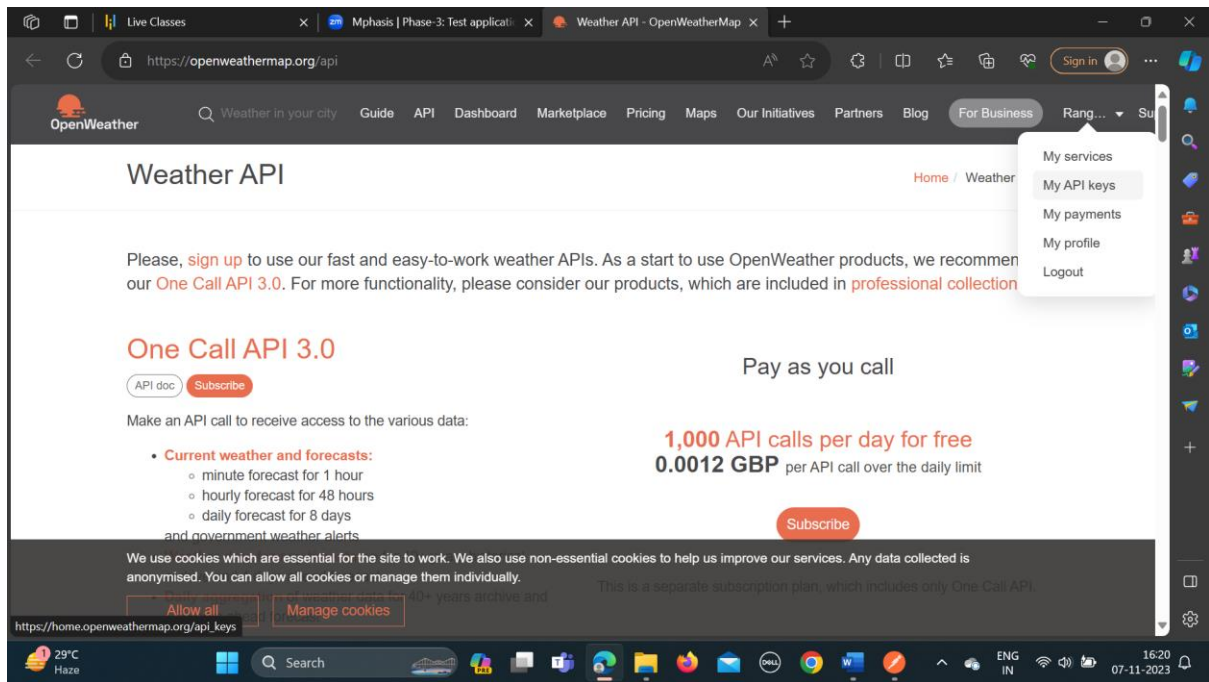
**Create a Parameterize request:**

Go to this openweathermap page

<https://openweathermap.org/api>

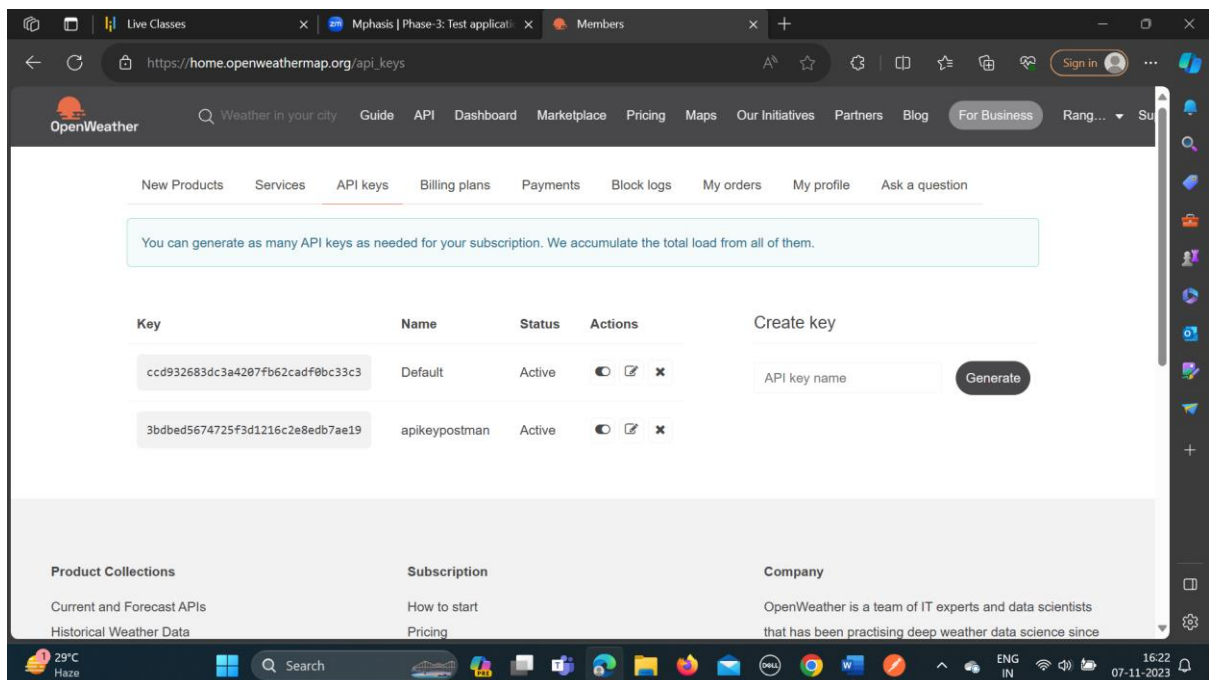
create a account and login to this application.

Now create a api key → go to u=your account → click on my api keys



Give a name to api key and click on generate.

Api key will be generated.

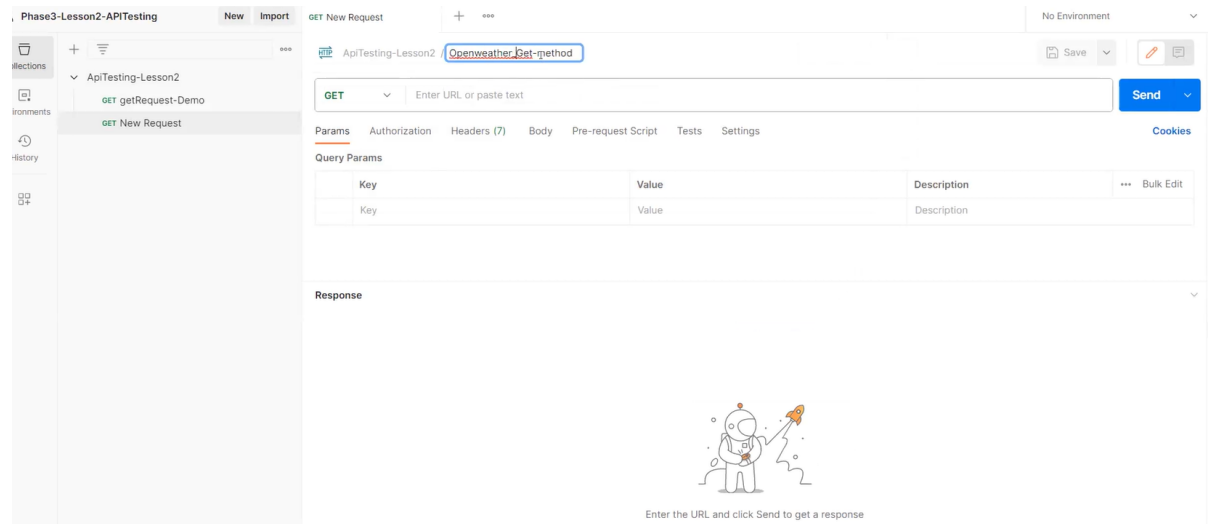


The api request we will use is

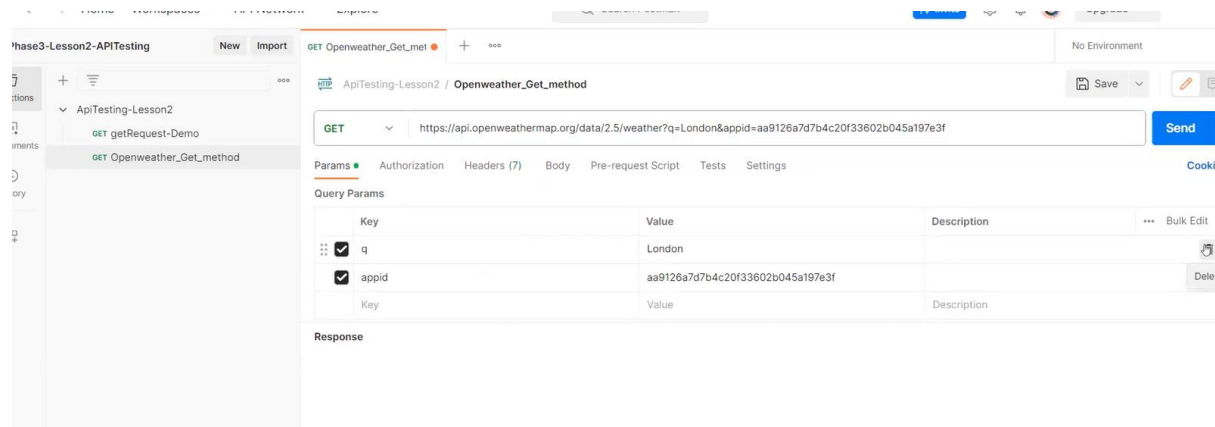


```
https://api.openweathermap.org/data/2.5/weather?q={city name}&appid=3bdbed5674725f3d1216c2e8edb7ae19
```

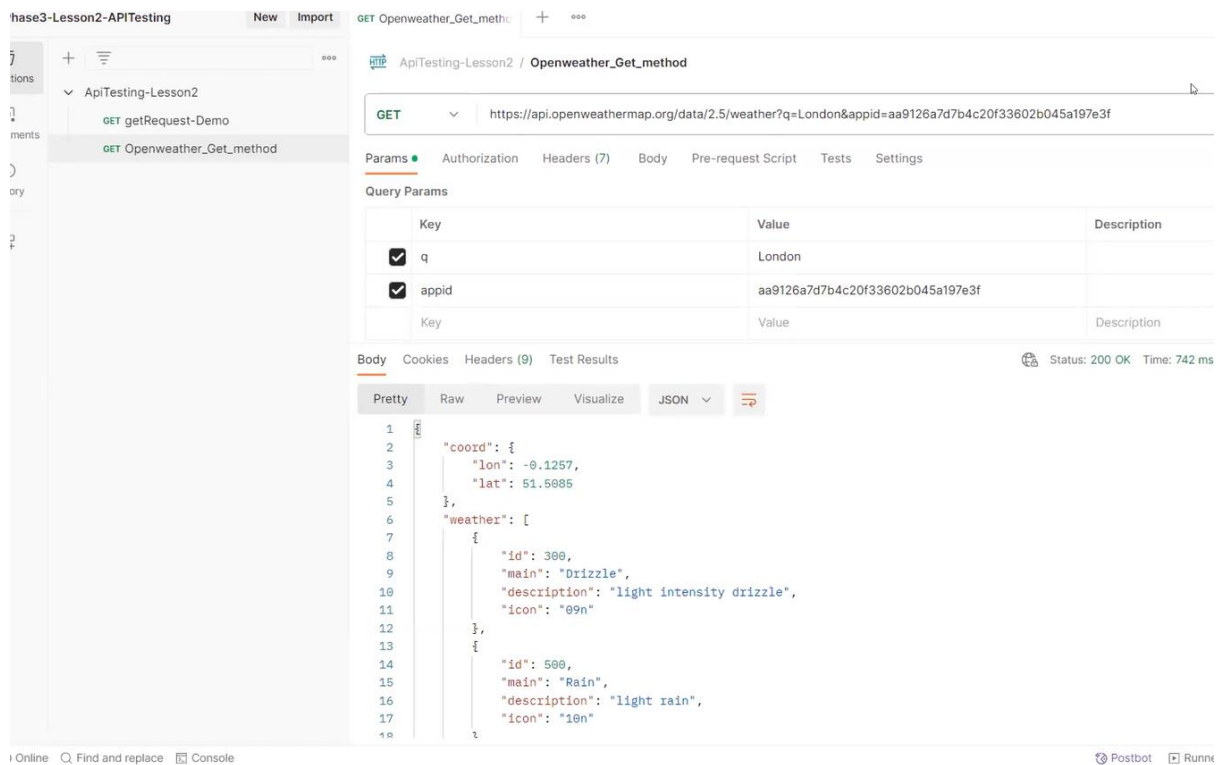
add another get request



Then give the above url and in city name give an city name.



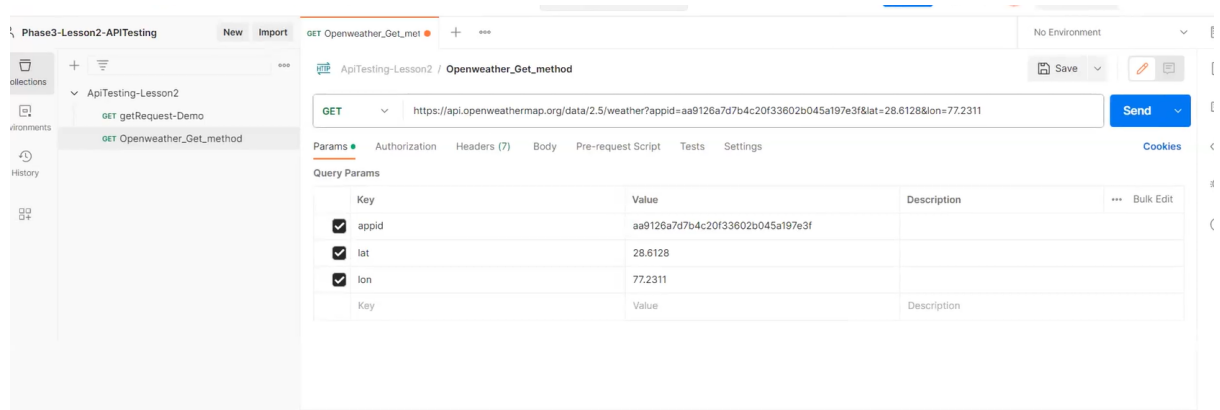
Click on save and send



Add and delete the parameters

Go to params section of the request

Delete q parameter.



Click on save and send.

Phase3-Lesson2-APITesting

ApiTesting-Lesson2 / Openweather\_Get\_method\_variables

GET https://api.openweathermap.org/data/2.5/weather?appid=ccd932683dc3a4207fb62cadf0bc33c3&lat=...

Params

Key	Value	Description
appid	ccd932683dc3a4207fb62cadf0bc33c3	
lat	28.6128	
lon	77.2311	

Body

```
1  {
2    "coord": {
3      "lon": 77.2311,
4      "lat": 28.6128
5    },
6    "weather": [
7      {
8        "id": 711,
9        "main": "Smoke",
10       "description": "smoke",
11       "icon": "50d"
12     }
13   ]
14 }
```

200 OK 102 ms 798 B

Postbot Runner Start Proxy Cookies Trash

29°C Haze 16:36 07-11-2023

Phase3-Lesson2-APITesting

ApiTesting-Lesson2 / Openweather\_Get\_method\_variables

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10       "description": "smoke",
11       "icon": "50d"
12     }
13   ]
14 }
```

200 OK 102 ms 798 B

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