

# Creating Well-Structured .Output for API Clients Using Postman to Get Weather Report.

## Description

You are asked to create a well-structured output for their API client using Postman, which will hit that URL and get a detailed report on the weather in a quicker way.

### Background of the problem statement:

To get the weather report in a well-structured output, we need to have a set of APIs of the weather application and automatable tool like Postman.

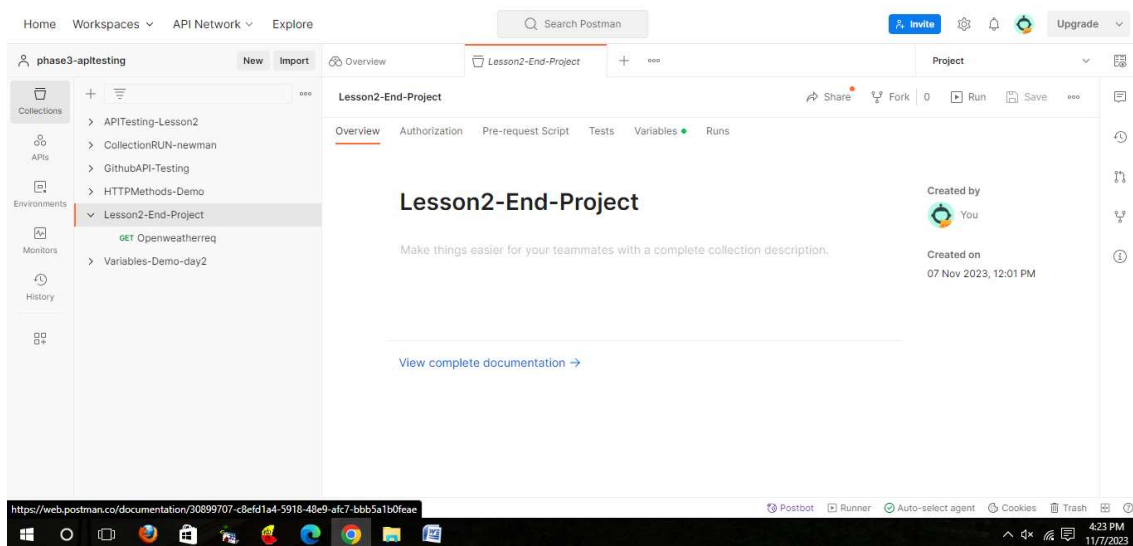
### You must use the following:

- Postman
- Endpoint URL(<https://samples.openweathermap.org/data/2.5/weather?q=London,uk&appid=b6907d289e10d714a6e88b30761fae22>)

### The following requirements should be met:

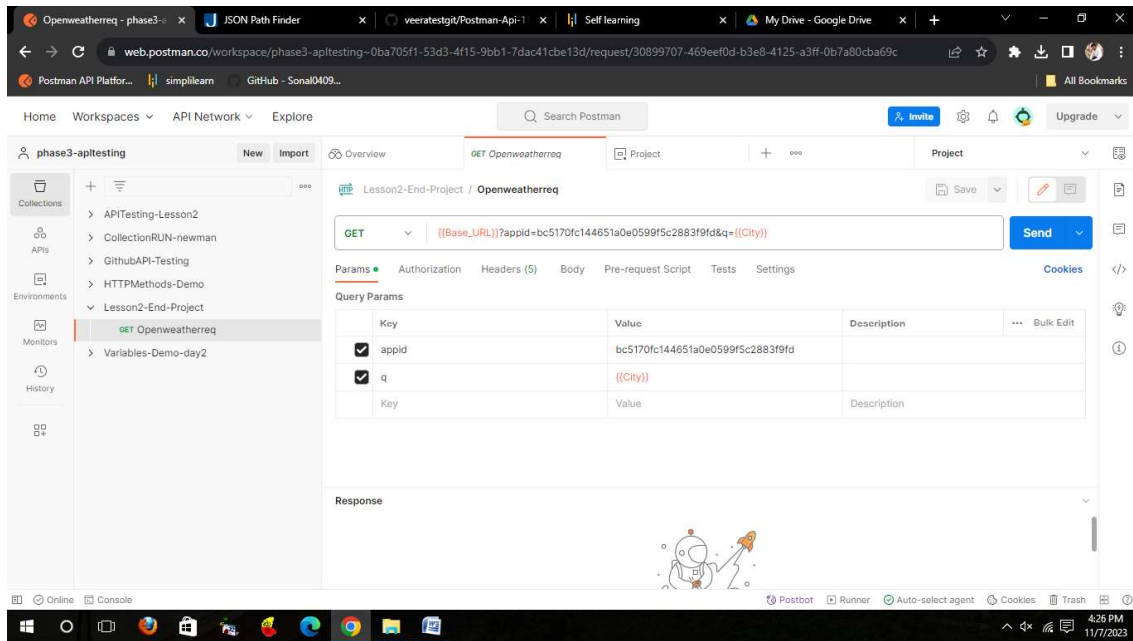
- A few of the source codes should be tracked on GitHub repositories. You need to document the tracked files that are ignored during the final push to the GitHub repository.
- The submission of your GitHub repository link is mandatory. In order to track your task, you need to share the link of the repository in the document.
- The step-by-step process involved in completing this task should be documented.

### Step 2.4.1: Create a collection with get requests:



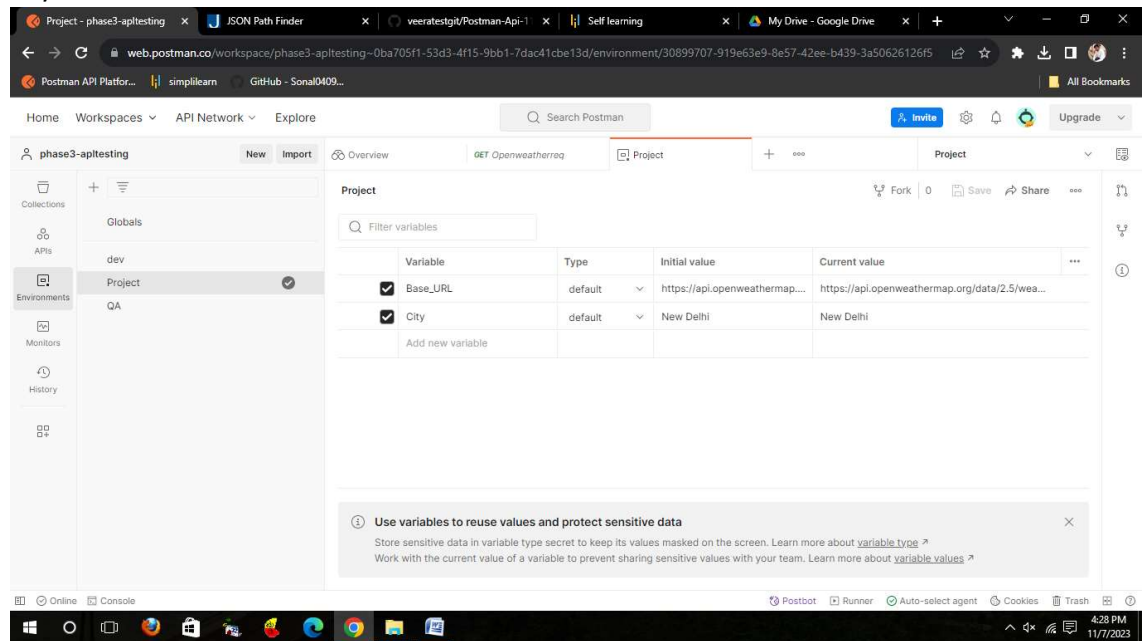
### Step 2.4.2: Working with Get Request

- We will use the following URL to get wheather request:  
<https://api.openweathermap.org/data/2.5/weather?appid=bc5170fc144651a0e0599f5c2883f9fd&q=New Delhi>
- Set your HTTP request to GET
- In the request URL field, input link
- Click Send
- You will see the **200 OK** Message

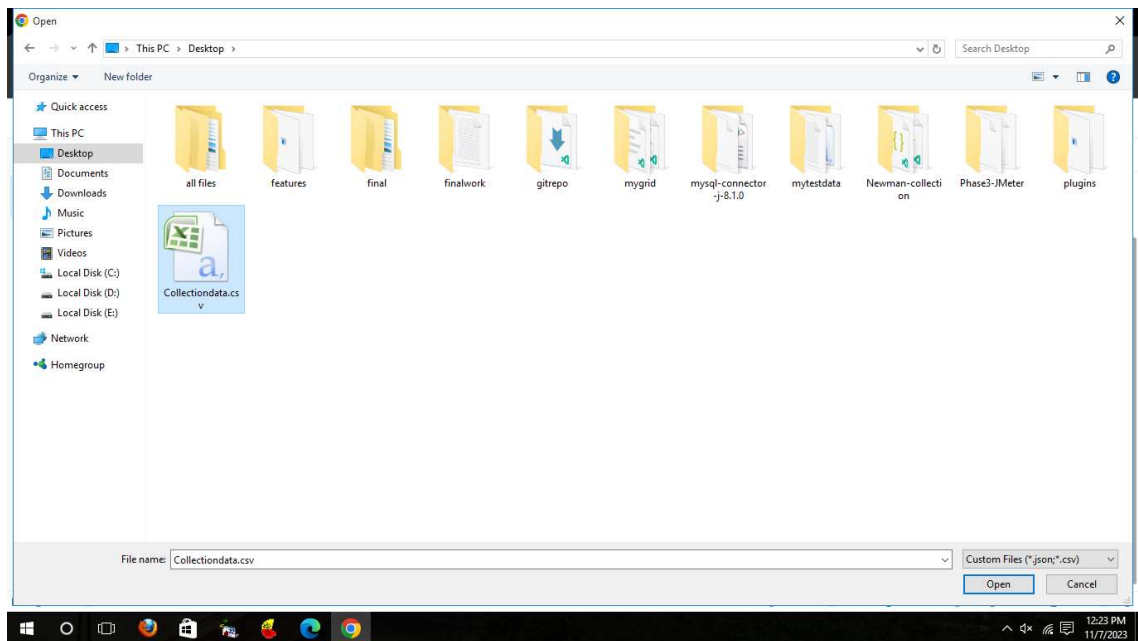
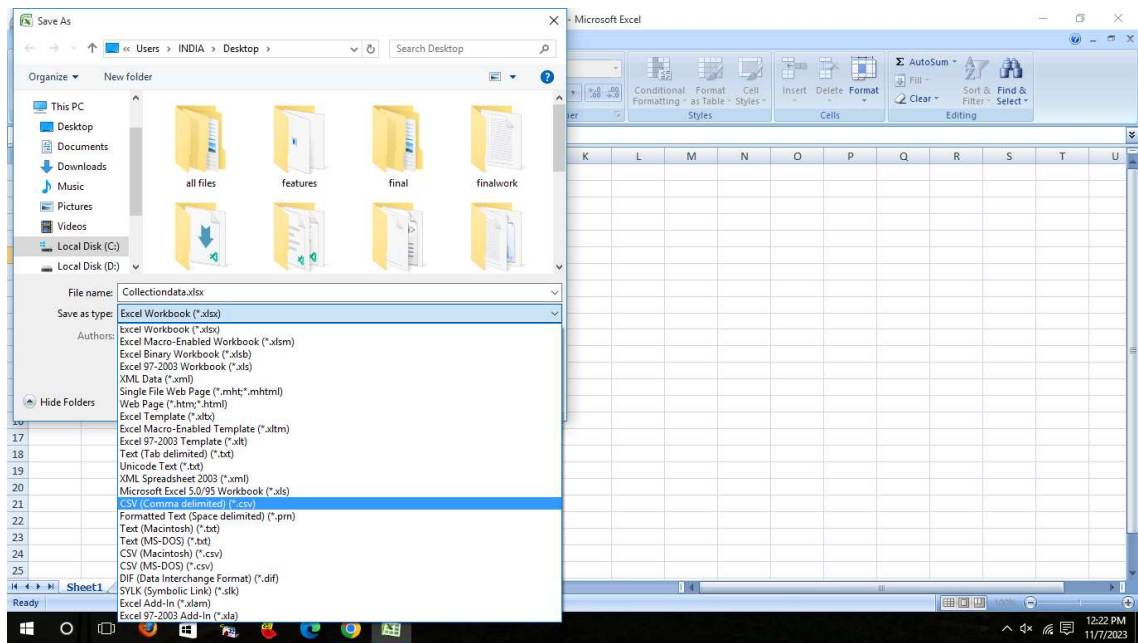


### Step 2.4.3: Create a environment with two variables

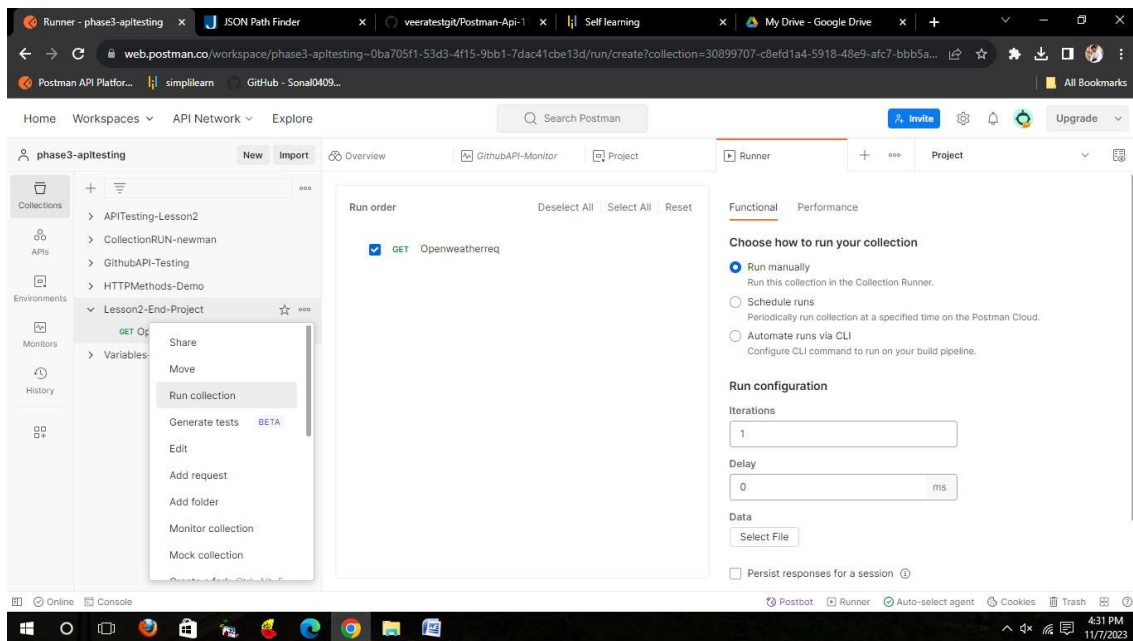
1. Base\_URL=<https://api.openweathermap.org/data/2.5/weather?>
2. City=New Delhi



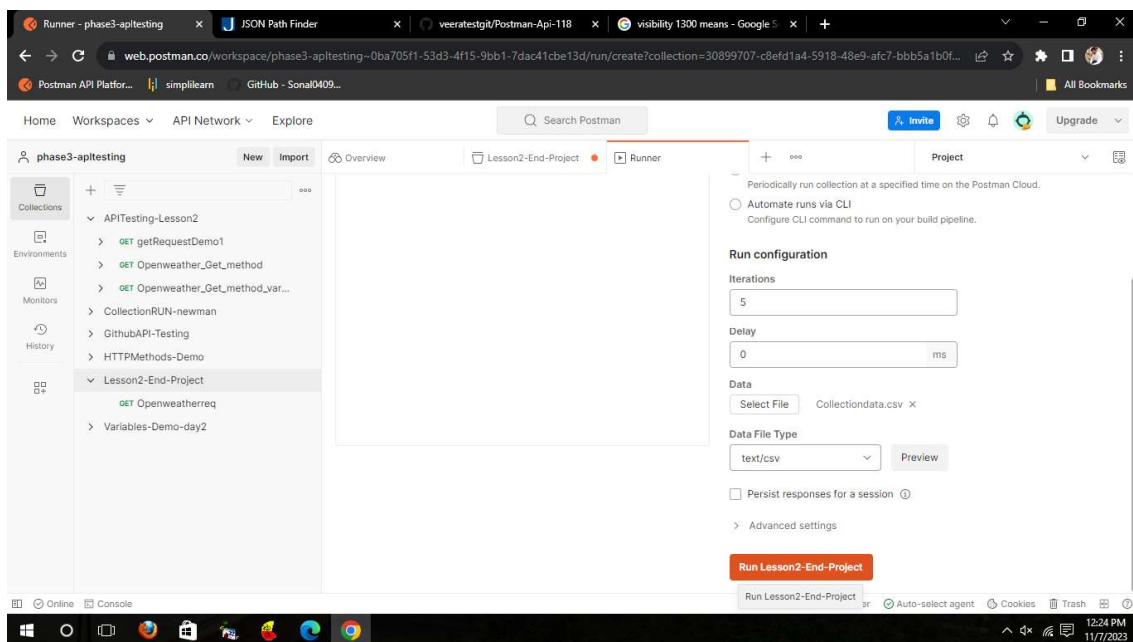
### Step 2.4.4: Create excel sheet which contains 5 cities name which will act like input to the city variable:

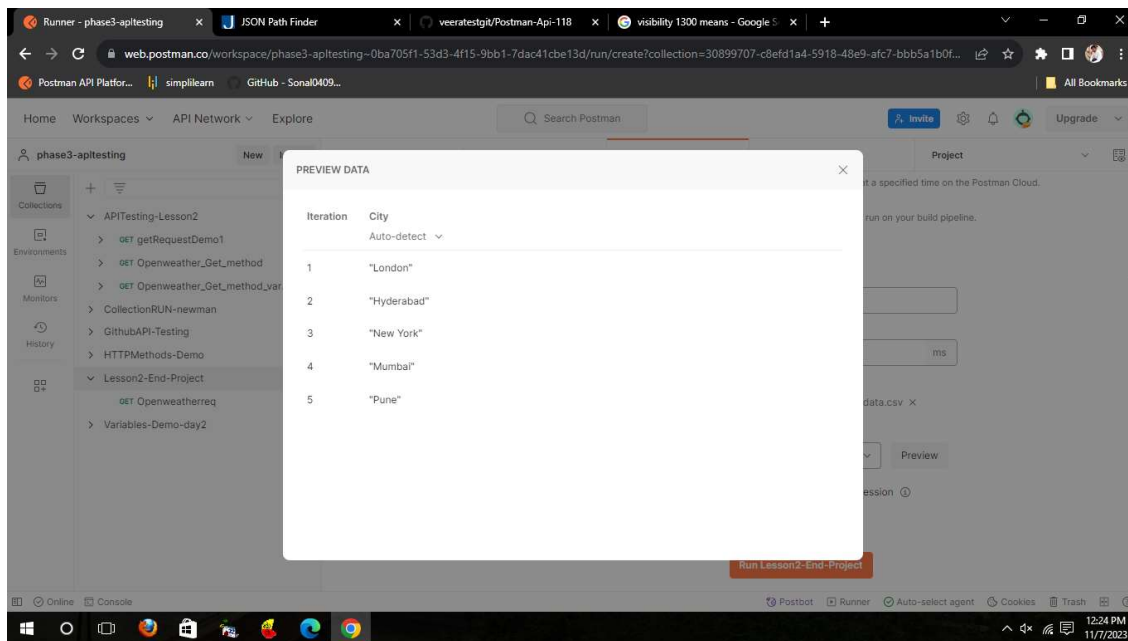


**Step 2.4.5:** Click on run collection

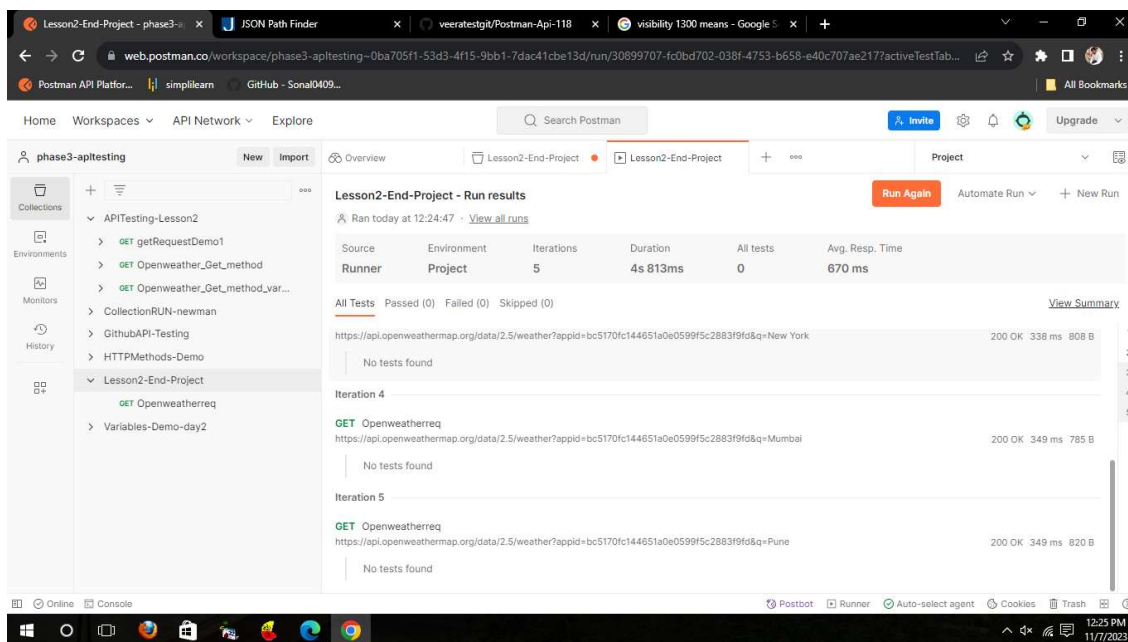


**Step 2.4.6:** Under runner upload the csv file which contains values





**Step 2.4.6:** Now run the runner file which will get the result or weather of all the cities



HomeWorkspacesAPI NetworkExplore

Search Postman

invite

Upgrade

phase3-apitestingNewImport

OverviewGithubAPI-APProjectLesson2-EnLesson2-EnLesson2-En+\*\*\*Project

Collections+\*\*\*

APIs

Environments

Monitors

History

> APITesting-Lesson2

> CollectionRUN-newman

> GithubAPI-Testing

> HTTPMethods-Demo

> Lesson2-End-Project

> Variables-Demo-day2

Lesson2-End-Project - Run results

Run AgainAutomate RunNew Run

Ran today at 12:24:47 - View all runs

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	Project	5	4s 813ms	0	670 ms

All TestsPassed (0)Failed (0)Skipped (0)

View Summary

Iteration 2

GET Openweatherreq

https://api.openweathermap.org/data/2.5/weather?appid=bc5170fc144651a0e0599f5c2883f9fd&q=Hyderabad

200 OK 309 ms 801 B

No tests found

Iteration 3

GET Openweatherreq

https://api.openweathermap.org/data/2.5/weather?appid=bc5170fc144651a0e0599f5c2883f9fd&q=New York

200 OK 338 ms 808 B

No tests found

Iteration 4

GET Openweatherreq

OnlineConsole

PostbotRunnerAuto-select agentCookiesTrash