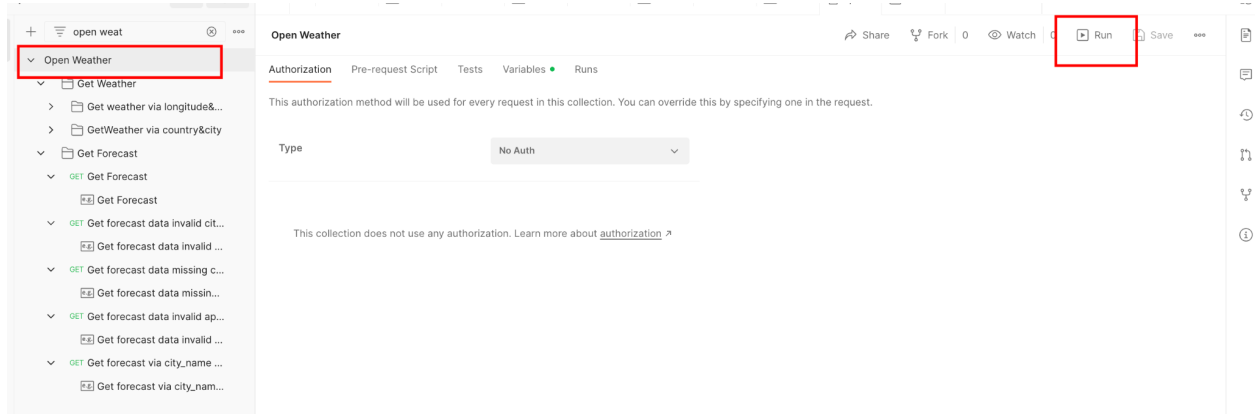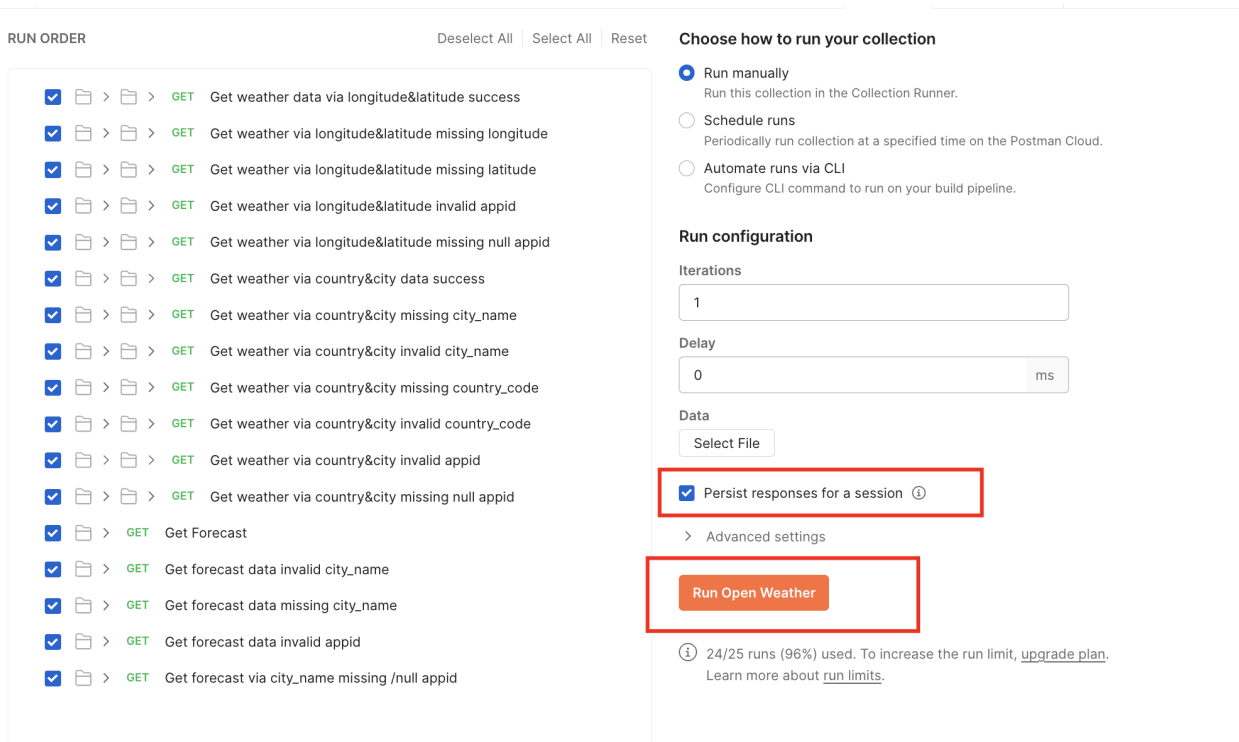How to run tests:

1. Import collection from postman.
2. Once imported, click on the collection itself,
3. Click on the run button.



4. If you want to see the response body, click on the button persist response for a session checkbox



5. Then click on Run Open Weather.
   All tests will run and you will be able to see the results.

**Open Weather - Run results**

Run on Today, 16:06:25 · <u>View all runs</u>

| Source | Environment | Iterations | Duration | All tests | Avg. Resp. Time |
|---|---|---|---|---|---|
| **Runner** | **none** | **1** | **4s 590ms** | **55** | **232 ms** |

All Tests    Passed (55)    Failed (0)    Skipped (0)                                                    <u>View Summary</u>

**GET**  Get forecast data invalid city_name
https://api.openweathermap.org/data/2.5/forecast?q=Londontest&appid=1712846f0f291932f5e652846e7289d2&units=1                    404 Not Found  219 ms  380 B

   PASS    Get forecast 5days/3hours invalid city_name returns the status code 400

   PASS    Get forecast 5days/3hours invalid city_name returns expected response body code

   PASS    Get forecast 5days/3hours invalid city_name returns expected response body Message

**GET**  Get forecast data missing city_name
https://api.openweathermap.org/data/2.5/forecast?q=&appid=1712846f0f291932f5e652846e7289d2&units=1                    404 Not Found  202 ms  374 B

   PASS    Get forecast data invalid city_name returns the status code 400

   PASS    Get forecast data missing/null city_name returns expected response body code

   PASS    Get forecast data missing/null city_name returns expected response body Message

**GET**  Get forecast data invalid appid
https://api.openweathermap.org/data/2.5/weather?q=London,uk&appid=1712846f0f291932f5e652846e7289d2_test&units=1                    401 Unauthorized  212 ms  450 B

   PASS    Get forecast 5days/3hours data invalid appid endpoint using country code and city with invalid appID returns expected http code

   PASS    Get forecast 5days/3hours endpoint country code and city with invalid appID returns expected response body code

   PASS    Get forecast 5days/3hours endpoint with invalid appID returns expected response body Message

**GET**  Get forecast via city_name missing /null appid
https://api.openweathermap.org/data/2.5/weather?q=Nairobi,KE&appid=&units=2                    401 Unauthorized  205 ms  451 B

   PASS    Get forecast via city_name endpoint with null/empty appID returns expected http code

   PASS    Get forecast via city_name endpoint with null/empty appID returns expected response body code