

Source Code :

```
pm.test("Response status code is 200", function () {
    pm.expect(pm.response.code).to.equal(200);
});

pm.test("Validate coord object", function () {
    const responseData = pm.response.json();

    pm.expect(responseData).to.be.an('object');
    pm.expect(responseData.coord).to.exist.and.to.be.an('object');
    pm.expect(responseData.coord.lon).to.exist.and.to.be.a('number');
    pm.expect(responseData.coord.lat).to.exist.and.to.be.a('number');
});

pm.test("Validate the wind object", function () {
    const responseData = pm.response.json();

    pm.expect(responseData.wind).to.exist.and.to.be.an('object');
    pm.expect(responseData.wind.speed).to.exist.and.to.be.a('number');
    pm.expect(responseData.wind.deg).to.exist.and.to.be.a('number');
});
```

Link:

<https://api.openweathermap.org/data/2.5/weather?q=Bangalore&appid=6a02f39bbaa891ba278b64ee12215cd9>

Output :

```
{
  "coord": {
    "lon": 77.6033,
    "lat": 12.9762
  },
  "weather": [
    {
      "id": 802,
      "main": "Clouds",
      "description": "scattered clouds",
      "icon": "03d"
    }
  ],
  "base": "stations",
  "main": {
    "temp": 303.34,
    "feels_like": 304.01,
    "temp_min": 302.05,
    "temp_max": 304.95,
    "pressure": 1014,
    "humidity": 47
  },
  "visibility": 8000,
  "wind": {
    "speed": 4.12,
    "deg": 240
  },
  "clouds": {
    "all": 40
  },
  "dt": 1692173722,
  "sys": {}
```

```

    "type": 2,
    "id": 2017753,
    "country": "IN",
    "sunrise": 1692146252,
    "sunset": 1692191444
},
"timezone": 19800,
"id": 1277333,
"name": "Bengaluru",
"cod": 200
}

```

The screenshot shows the Postman application interface. On the left, the sidebar displays a workspace named 'ws_simplilearn_aug_10' containing collections like 'GoRest' and 'OpenWeatherMap'. The 'OpenWeatherMap' collection has a 'Current Weather' endpoint selected. The main panel shows a 'GET' request to 'https://api.openweathermap.org/data/2.5/weather?q=Bangalore&appid=6a02f39bbaa891ba278b64ee12215cd9'. The 'Params' tab is active, showing query parameters: 'q' with value 'Bangalore' and 'appid' with value '6a02f39bbaa891ba278b64ee12215cd9'. Below the request, the status bar indicates 'Status: 200 OK' and 'Time: 62 ms'. The bottom navigation bar includes links for 'Online', 'Find and replace', 'Console', and system status.

This screenshot shows the same Postman session as above, but the 'Tests' tab is now active. It contains a detailed JavaScript test script:

```

1 pm.test("Response status code is 200", function () {
2     pm.expect(pm.response.code).to.equal(200);
3 });
4
5
6 pm.test("Validate coord object", function () {
7     const responseData = pm.response.json();
8
9     pm.expect(responseData).to.be.an('object');
10    pm.expect(responseData.coord).to.exist.and.to.be.an('object');
11    pm.expect(responseData.coord.lon).to.exist.and.to.be.a('number');
12    pm.expect(responseData.coord.lat).to.exist.and.to.be.a('number');
13 });
14
15
16 pm.test("Validate the wind object", function () {
17     const responseData = pm.response.json();
18
19     pm.expect(responseData.wind).to.exist.and.to.be.an('object');
20     pm.expect(responseData.wind.speed).to.exist.and.to.be.a('number');
21     pm.expect(responseData.wind.deg).to.exist.and.to.be.a('number');
22 });
23
24
25

```

The status bar at the bottom still shows 'Status: 200 OK' and 'Time: 62 ms'. The bottom navigation bar remains the same.

Home Workspaces API Network Explore

ws_simplilearn_aug_10

GoRest

- POST Create User
- GET Verify User
- PUT Update User
- DEL Delete User

OpenWeatherMap

- GET Current Weather

ReqRes

- POST Create User
- PUT Update User
- DEL Delete User
- GET All users
- POST http://webservice...
https://api.openweathermap.org/data/2.5/weather?q=Bangalore&appid=6a02f39bbba891ba278b64ee12215cd9

Body Cookies Headers (9) Test Results (3/3)

```
1 "coord": {  
2     "lon": 77.6033,  
3     "lat": 12.9762  
4 },  
5 "weather": [  
6     {  
7         "id": 800,  
8         "main": "Clouds",  
9         "description": "scattered clouds",  
10        "icon": "03d"  
11    }  
12 ],  
13 "base": "stations",  
14 "main": {  
15     "temp": 303.34,  
16     "feels_like": 304.01,  
17     "temp_min": 302.05,  
18     "temp_max": 304.95,  
19     "pressure": 1014,  
20     "humidity": 47  
21 },  
22 "visibility": 8000,  
23 "wind": {  
24     "speed": 4.12,  
25     "deg": 240  
26 },  
27 }  
28 }  
29 }  
30 }  
31 "dt": 1692173722,  
32 "sys": {  
33     "type": 2,  
34     "id": 2017753,  
35     "country": "IN",  
36     "sunrise": 1692146252,  
37     "sunset": 1692191444  
38 },  
39 "timezone": 19800,  
40 "id": 1277333,  
41 "name": "Bengaluru",  
42 "cod": 200
```

Save Send Cookies

34°C Mostly cloudy 01:59 PM 16-08-2023

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ws_simplilearn_aug_10

GoRest

- POST Create User
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- POST Create User
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Body Cookies Headers (9) Test Results (3/3)

```
17 "feels_like": 304.01,  
18 "temp_min": 302.05,  
19 "temp_max": 304.95,  
20 "pressure": 1014,  
21 "humidity": 47  
22 },  
23 "visibility": 8000,  
24 "wind": {  
25     "speed": 4.12,  
26     "deg": 240  
27 },  
28 "clouds": {  
29     "all": 48  
30 },  
31 "dt": 1692173722,  
32 "sys": {  
33     "type": 2,  
34     "id": 2017753,  
35     "country": "IN",  
36     "sunrise": 1692146252,  
37     "sunset": 1692191444  
38 },  
39 "timezone": 19800,  
40 "id": 1277333,  
41 "name": "Bengaluru",  
42 "cod": 200
```

Save Send Cookies

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The screenshot shows the Postman application interface. On the left, the sidebar displays collections, environments, monitors, and history. The main workspace shows a collection named "ws_simplilearn_aug_10" containing several endpoints under categories like GoRest, OpenWeatherMap, and ReqRes. A specific endpoint, "GET Current Wheather", is selected and expanded. The details panel shows a GET request to "https://api.openweathermap.org/data/2.5/weather?q=Bangalore&appid=6a02f39bbaa891ba278b64ee12215cd9". The "Test Results" tab indicates 3/3 tests passed, with status codes 200 OK, response time of 571 ms, and size of 806 B. The bottom taskbar includes icons for Online, Find and replace, Console, Runner, Capture requests, Cookies, Trash, and a system tray showing the date and time.