

Code:

```
pm.test (" Check Latitude is 51.51", function () {  
    pm.response.to.have.jsonBody("coord.lat", 51.51);  
});  
  
pm.test(" Check Longitude is -0.13", function () {  
    pm.response.to.have.jsonBody("coord.lon", -0.13);  
});  
  
pm.test("Check Weather Main", function () {  
    //Check if 'Whether exists or not' exists in the response  
    pm.expect(pm.response.json()).to.have.property("weather");  
    pm.expect(pm.response.json().weather[0]).to.have.property("main", "Drizzle");  
});  
  
pm.test("Check if the wind speed is greater than or equal to 10 m/s", function () {  
    var responseJson = pm.response.json();  
  
    // Check if 'wind.speed' exists in the response  
    pm.expect(responseJson).to.have.property("wind");  
    pm.expect(responseJson.wind).to.have.property("speed");  
  
    pm.expect(responseJson.wind.speed).to.be.at.least(10);  
});  
  
pm.test("Check if Coordinates Correspond to London", function () {  
    var responseJson = pm.response.json();  
  
    // Check if 'name' (city name) in the response is equal to 'London'  
    pm.expect(responseJson.name).to.eql("London");  
});
```

# Output

The screenshot displays the Postman interface with a workspace named "My Workspace". A collection named "Creta" contains a request titled "Take Home Assignment". The request is a GET call to the URL `https://samples.openweathermap.org/data/2.5/weather?q=London,uk&appid=b6907d289e10d714a6e88b30761fae22`. The "Tests" tab is active, showing the following JavaScript code:

```
1 pm.test("Latitude is 51.51", function () {
2   pm.response.to.have.jsonBody("coord.lat", 51.51);
3 });
4
5 pm.test("Longitude is -0.13", function () {
6   pm.response.to.have.jsonBody("coord.lon", -0.13);
7 });
8
```

The "Test Results (4/5)" section shows the following outcomes:

- PASS** Latitude is 51.51
- PASS** Longitude is -0.13
- PASS** Check Weather Main
- FAIL** Check Wind Speed | AssertionError: expected 4.1 to be at least 10
- PASS** Check if Coordinates Correspond to London

The status bar at the bottom indicates "Status: 200 OK", "Time: 538 ms", and "Size: 924 B". The Windows taskbar at the bottom shows the date as 28-09-2023 and the time as 16:43.