Test Cases Postman to automate
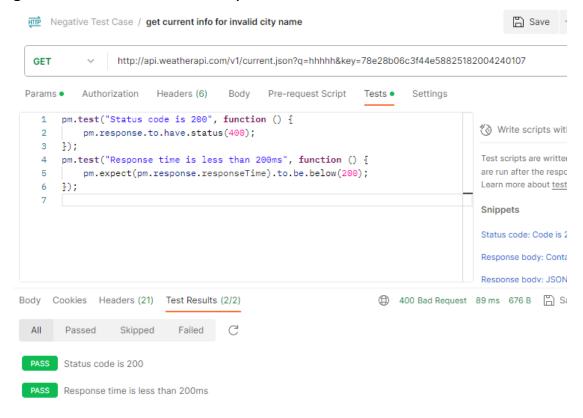
- **Positive Test Case**

get current info for Paris

| GET | ∨ | http://api.weatherapi.com/v1/current.json?q=paris&key=78e28b06c3f44e58825182004240107 |

Params •   Authorization   Headers (6)   Body   Pre-request Script   **Tests** •   Settings

```
1   pm.test("Status code is 200", function () {
2       pm.response.to.have.status(200);
3   });
4   pm.test("Response time is less than 200ms", function () {
5       pm.expect(pm.response.responseTime).to.be.below(200);
6   });
7   pm.test("Check if response body contains humidity", function () {
8       var jsonData = pm.response.json();
9       pm.expect(jsonData.current.humidity).to.exist;
10
11  });
12  pm.test("Check if response body contains tempreature c", function () {
13      var jsonData = pm.response.json();
14      pm.expect(jsonData.current.temp_c).to.exist;
15
16  });
17  pm.test("Check if response body contains wind speed", function () {
18      var jsonData = pm.response.json();
19      pm.expect(jsonData.current.wind_kph).to.exist;
20
21  });
```

Body   Cookies   Headers (23)   Test Results (5/5)

| All | Passed | Skipped | Failed | ↻ |

PASS Status code is 200

PASS Response time is less than 200ms

PASS Check if response body contains humidity

PASS Check if response body contains tempreature c

PASS Check if response body contains wind speed

- **Negative Test Case**

  get current info for invalid city name

  HTTP Negative Test Case / get current info for invalid city name   Save

  GET   ⌄   http://api.weatherapi.com/v1/current.json?q=hhhhh&key=78e28b06c3f44e58825182004240107

  Params ●   Authorization   Headers (6)   Body   Pre-request Script   Tests ●   Settings

  1 pm.test("Status code is 200", function () {
  2   pm.response.to.have.status(400);
  3 });
  4 pm.test("Response time is less than 200ms", function () {
  5   pm.expect(pm.response.responseTime).to.be.below(200);
  6 });
  7

  ⏱ Write scripts wit

  Test scripts are writter
  are run after the respo
  Learn more about test

  Snippets

  Status code: Code is 2

  Response body: Conta

  Response body: JSON

  Body   Cookies   Headers (21)   Test Results (2/2)   ⊕ 400 Bad Request 89 ms 676 B   💾 Sa

  All   Passed   Skipped   Failed   ↻

  PASS Status code is 200

  PASS Response time is less than 200ms

- **Edge Test Case**

  Search For All Springfield Regions

  The API should returns multiple entries for "Springfield," including those from different regions such as "Missouri" and "Tennessee." But Api return exactly one entry for "Springfield" in "Massachusetts."

GET http://api.weatherapi.com/v1/search.json?key=78e28b06c3f44e58825182004240107&q=Springfield

Params ●   Authorization   Headers (6)   Body   Pre-request Script   Tests ●   Settings

Type   Inherit auth from parent

The authorization header will be automatically generated when
you send the request. Learn more about authorization ↗

This request

Body   Cookies   Headers (23)   Test Results (1/1)

Pretty   Raw   Preview   Visualize   JSON

```json
1  [
2      {
3          "id": 2594863,
4          "name": "Springfield",
5          "region": "Massachusetts",
6          "country": "United States of America",
7          "lat": 42.1,
8          "lon": -72.59,
9          "url": "springfield-massachusetts-united-states-of-america"
10     },
11     {
12         "id": 2606548,
13         "name": "Springfield",
14         "region": "Missouri",
15         "country": "United States of America",
16         "lat": 37.22,
17         "lon": -93.3,
18         "url": "springfield-missouri-united-states-of-america"
19     },
20     {
21         "id": 2569108,
22         "name": "Springfield",
23         "region": "Illinois",
24         "country": "United States of America",
25         "lat": 39.8,
26         "lon": -89.64,
27         "url": "springfield-illinois-united-states-of-america"
```

Springfield has multiple locations .in response return one region in
Massachusetts.

GET ⌄ | http://api.weatherapi.com/v1/current.json?q=Springfield&key=78e28b06c3f44e58825182004240107

Params ●   Authorization   Headers (6)   Body   Pre-request Script   Tests ●   Settings

```
 4    pm.test("Response time is less than 200ms", function () {
 5        pm.expect(pm.response.responseTime).to.be.below(200);
 6    });
 7    pm.test("Check Springfield region Massachusetts ", function () {
 8        var jsonData = pm.response.json();
 9        pm.expect(jsonData.location.region).to.eql("Massachusetts");
10    });
11
12    pm.test("Response is an array", function () {
13        var jsonData = pm.response.json();
14        pm.expect(jsonData).to.be.an('array');
15    });
16
17    pm.test("Check at least one Springfield in Massachusetts", function () {
18        var jsonData = pm.response.json();
19        pm.expect(jsonData).to.be.an('array');
20
21        var found = false;
22
23        jsonData.forEach(function(location) {
24            if (location.name === "Springfield" && location.region === "Massachusetts") {
25                found = true;
26            }
27        });
28        pm.expect(found).to.be.true;
29    });
30
```

Body   Cookies   Headers (23)   **Test Results (3/5)**   🌐 Status: 200 OK   Time: 79 ms

All   Passed   Skipped   Failed   ↻

PASS   Status code is 200

PASS   Response time is less than 200ms

PASS   Check Springfield region Massachusetts

FAIL   Response is an array | AssertionError: expected { location: { …(8) }, …(1) } to be an array

FAIL   Check at least one Springfield in Massachusetts | AssertionError: expected { location: { …(8) }, …(1) } to be an array