website of fake API

https://jsonplaceholder.typicode.com

website of json formatter

https://jsonformatter.org/

PRODUCTS

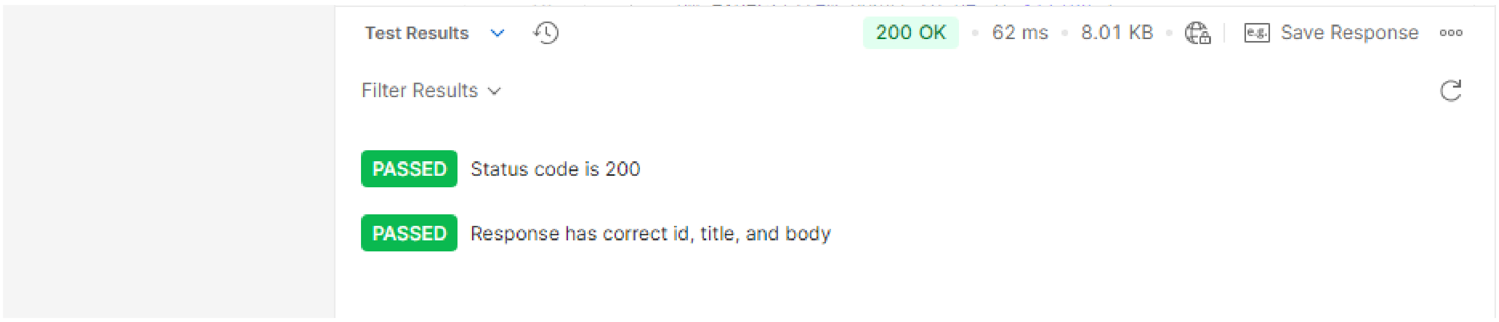
Type of API : GET

URL: https://jsonplaceholder.typicode.com/posts

Test Script for Get Posts

```
pm.test("Status code is 200", () => {
  pm.response.to.have.status(200);
});


pm.test("Response has correct id, title, and body", () => {
  const response = pm.response.json();
  pm.expect(response).to.be.an("array");


  response.forEach((item) => {
    pm.expect(item.id).to.exist;
    pm.expect(item.id).to.be.a("number");
    pm.expect(item.title).to.exist;
    pm.expect(item.title).to.be.a("string");
    pm.expect(item.body).to.exist;
    pm.expect(item.body).to.be.a("string");
  });
});
```

Result of test script ;



Test Results   200 OK • 62 ms • 8.01 KB   Save Response

Filter Results

PASSED Status code is 200

PASSED Response has correct id, title, and body

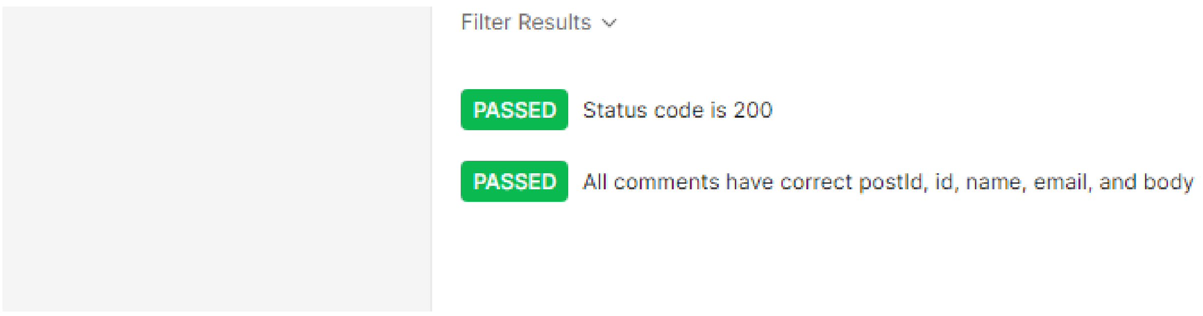
Type of API : GET

URL: https://jsonplaceholder.typicode.com/posts/1/comments

Test script for GET posts/comments

```
pm.test("Status code is 200", function () {
    pm.response.to.have.status(200);
});


pm.test("All comments have correct postId, id, name, email, and body", function () {
    const response = pm.response.json();


    pm.expect(response).to.be.an('array').that.is.not.empty;


    response.forEach(comment => {
        pm.expect(comment).to.have.property('postId').that.is.a('number').and.equal(1);
        pm.expect(comment).to.have.property('id').that.is.a('number');
        pm.expect(comment).to.have.property('name').that.is.a('string');
        pm.expect(comment).to.have.property('email').that.is.a('string');
        pm.expect(comment).to.have.property('body').that.is.a('string');
    });
});
```

Result of test script



PASSED Status code is 200

PASSED All comments have correct postId, id, name, email, and body

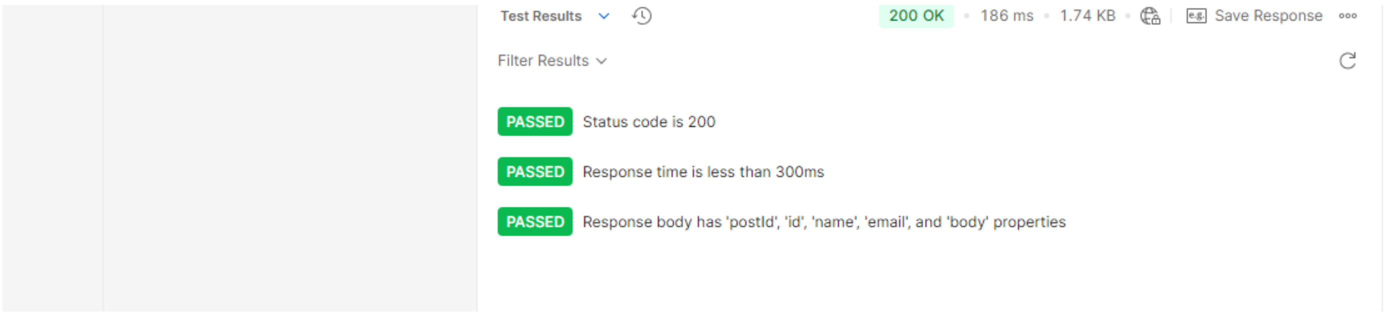
Type of API: GET

URL: https://jsonplaceholder.typicode.com/comments?postId=1

test script for Get comments?postId=1

```
// Test for status code

pm.test("Status code is 200", function () {

    pm.response.to.have.status(200);

});


// Test for response time

pm.test("Response time is less than 300ms", function () {

    pm.expect(pm.response.responseTime).to.be.below(300);

});


// Test for response body properties

pm.test("Response body has 'postId', 'id', 'name', 'email', and 'body' properties", function () {

    const jsonData = pm.response.json();

    pm.expect(jsonData).to.be.an('array').that.is.not.empty;

    pm.expect(jsonData[0]).to.have.property('postId');

    pm.expect(jsonData[0]).to.have.property('id');

    pm.expect(jsonData[0]).to.have.property('name');

    pm.expect(jsonData[0]).to.have.property('email');

    pm.expect(jsonData[0]).to.have.property('body');

});
```

Result of test script:



PASSED Status code is 200

PASSED Response time is less than 300ms

PASSED Response body has 'postId', 'id', 'name', 'email', and 'body' properties

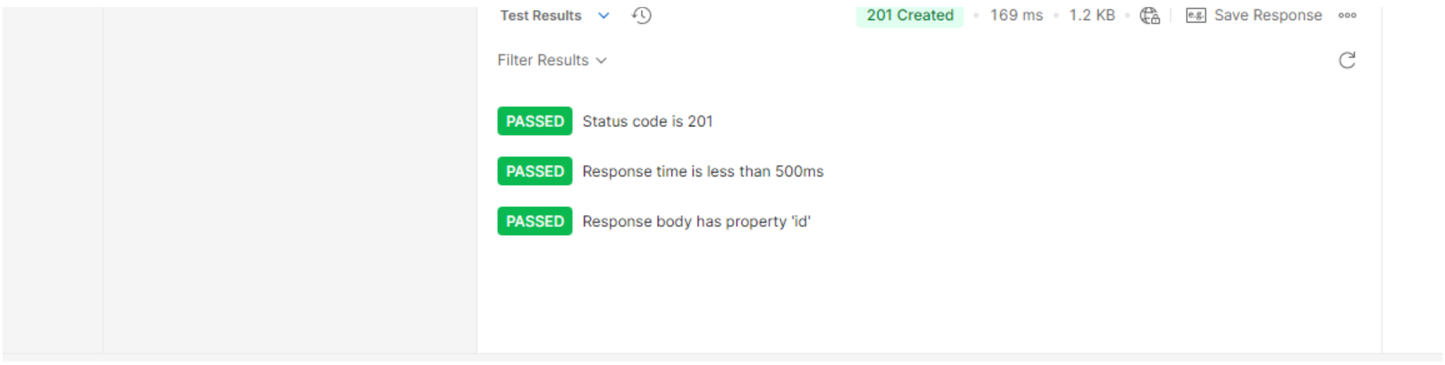
Type of API : POST

URL: https://jsonplaceholder.typicode.com/comments

Test script for Post comments

```
// Test for status code
pm.test("Status code is 201", function () {
    pm.response.to.have.status(201);
});


// Test for response time
pm.test("Response time is less than 500ms", function () {
    pm.expect(pm.response.responseTime).to.be.below(500);
});


// Test for response body properties
pm.test("Response body has property 'id'", function () {
    pm.expect(pm.response.json()).to.have.property('id');
});
```

Result of test script:



```
PASSED  Status code is 201
PASSED  Response time is less than 500ms
PASSED  Response body has property 'id'
```

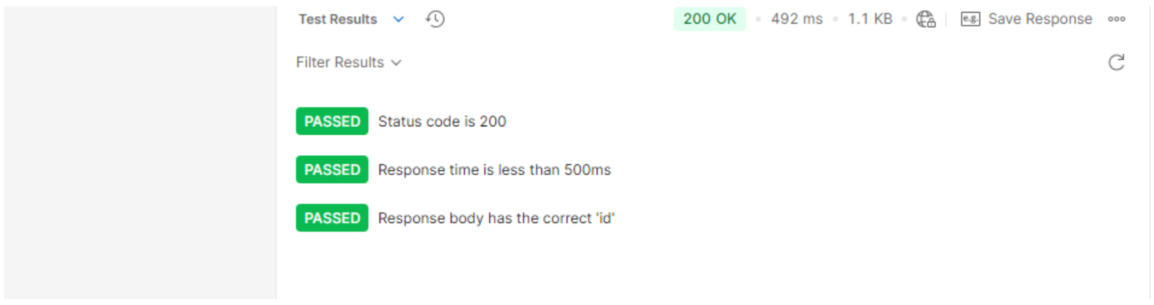
Type of API : PUT

URL: https://jsonplaceholder.typicode.com/posts/1

Test script for PUT posts

```
// Ensure the status code is 200
pm.test("Status code is 200", function () {
    pm.response.to.have.status(200);
});


// Validate the response time
pm.test("Response time is less than 500ms", function () {
    pm.expect(pm.response.responseTime).to.be.below(500);
});


// Validate the response body
pm.test("Response body has the correct 'id'", function () {
    const responseBody = pm.response.json();
    pm.expect(responseBody.id).to.eql(1);
});
```

Result of test script:



200 OK · 492 ms · 1.1 KB

PASSED Status code is 200

PASSED Response time is less than 500ms

PASSED Response body has the correct 'id'

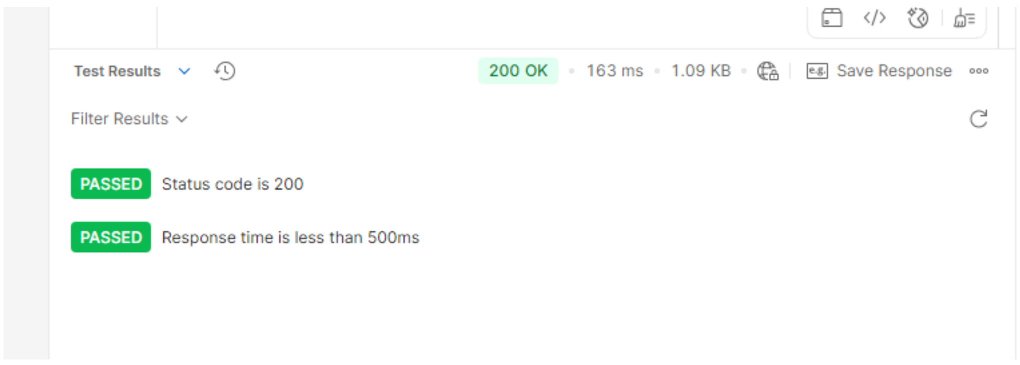
Type of API : DELETE

URL: https://jsonplaceholder.typicode.com/posts/1

Test script of Delete posts

```
pm.test("Status code is 200", function () {
    pm.response.to.have.status(200);
});
pm.test("Response time is less than 500ms", function () {
    pm.expect(pm.response.responseTime).to.be.below(500);
});
```

Result of test script:



PASSED Status code is 200

PASSED Response time is less than 500ms