

# API Testing Assignment - 2

Use endpoint from <https://jsonplaceholder.typicode.com/> for API test cases:

1. Create all possible positive negative test cases for following endpoints

GET /posts

GET /posts/1

GET /posts/1/comments

GET /comments?postId=1

POST /posts

PUT /posts/1

PATCH /posts/1

DELETE /posts/1

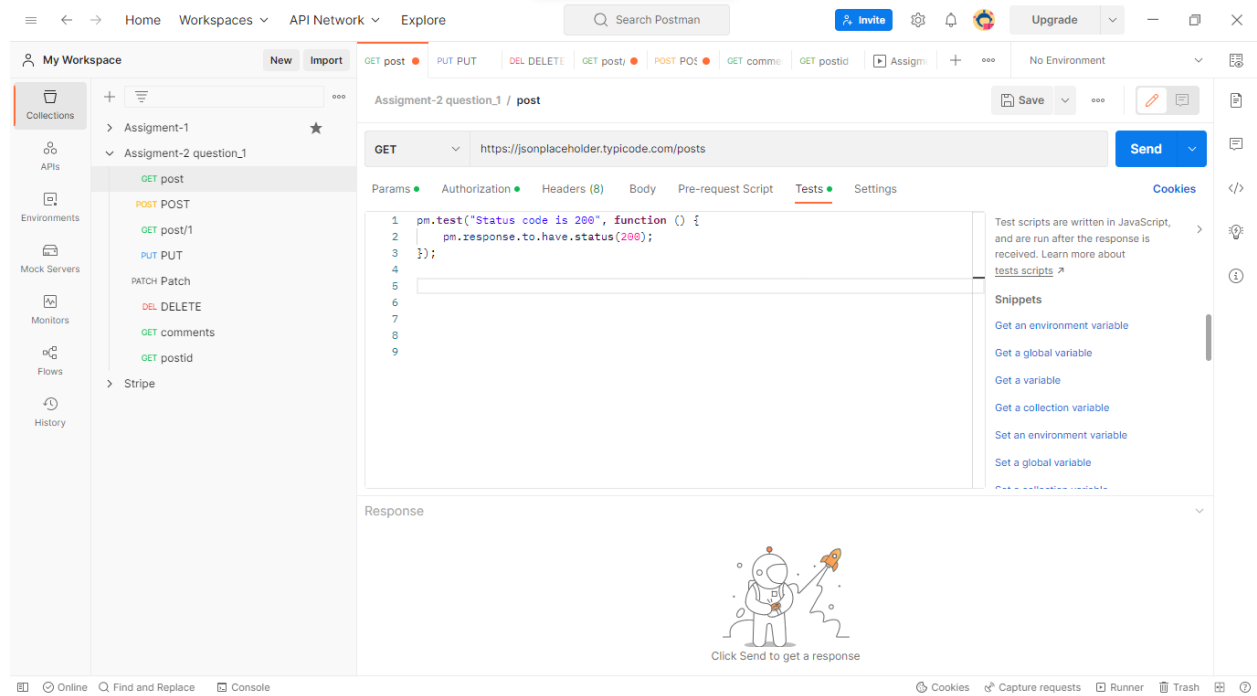
The screenshot displays the Postman interface with a workspace named 'My Workspace'. The left sidebar shows a collection of API requests under 'Assignment-2', including GET, POST, PUT, and DELETE methods for various endpoints. The main panel shows the 'Run results' for 'Assignment-2', indicating a successful run on 'Today, 16:33:49'. A table summarizes the run details:

Source	Environment	Iterations	Duration	All tests	Avg. Resp. Time
Runner	none	1	3s 243ms	1	296 ms

Below the table, the 'All Tests' section shows the results for each request:

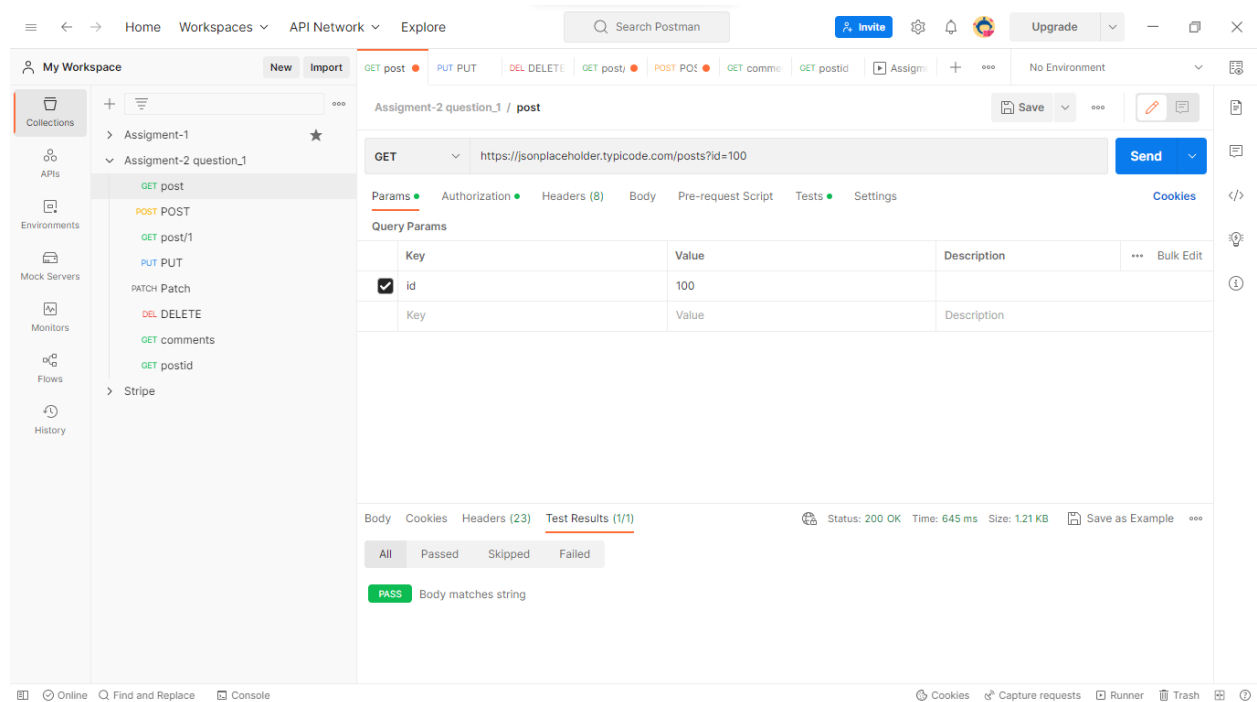
- GET post**: <https://jsonplaceholder.typicode.com/posts> - 200 OK, 270 ms, 28.51 KB. No tests found.
- POST POST**: <https://jsonplaceholder.typicode.com/posts> - 201 Created, 359 ms, 1.374 KB. PASS - Status code is 201.
- GET post/1**: <https://jsonplaceholder.typicode.com/posts/1> - 200 OK, 255 ms, 1.279 KB. No tests found.
- PUT PUT**: <https://jsonplaceholder.typicode.com/posts> - 404 Not Found, 360 ms, 950 B. No tests found.
- PATCH Patch**: <https://jsonplaceholder.typicode.com/posts> - No tests found.

2. Assert response code and values from the response body



### 3. Verify for id 100 exists in response data

<https://jsonplaceholder.typicode.com/posts>



### 4. Verify email id for from given response whose id is 5

<https://jsonplaceholder.typicode.com/comments>

Assignment-2 question\_1 / post

GET <https://jsonplaceholder.typicode.com/comments?id=5> Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

Query Params

Key	Value	Description
<input checked="" type="checkbox"/> id	5	
Key	Value	Description

Body Cookies Headers (23) Test Results (1/1) Status: 200 OK Time: 718 ms Size: 1.22 KB Save as Example

All Passed Skipped Failed

**PASS** Body matches string

## 5. Verify title from a given endpoint for tenth response

<https://jsonplaceholder.typicode.com/albums>

Assignment-2 question\_1 / post

GET <https://jsonplaceholder.typicode.com/albums> Send

Params Authorization Headers (8) Body Pre-request Script Tests Settings Cookies

```

11 // };
12
13 var i = pm.response.json();
14 b=i[9].title;
15
16
17
18 pm.test("Verified", function () {
19     if(b=="distinctio laborum qui")
20         return true;
21     else
22         return false;
23 });
24
25

```

Test scripts are written in JavaScript, and are run after the response is received. Learn more about [tests scripts](#)

Snippets

- Send a request
- Status code: Code is 200
- Response body: Contains string
- Response body: JSON value check
- Response body: Is equal to a string

Body Cookies Headers (24) Test Results (1/1) Status: 200 OK Time: 105 ms Size: 10.08 KB Save as Example

All Passed Skipped Failed

2 Errors All Logs Clear

title: "distinctio laborum qui"

GET <https://jsonplaceholder.typicode.com/albums> 200 162 ms

"distinctio laborum qui"

GET <https://jsonplaceholder.typicode.com/albums> 200 163 ms