

API Testing

Demo site: <https://jsonplaceholder.typicode.com/>

Test Case ID	Description	Endpoint & Method	Steps	Expected Result	Actual Result	Status	Screenshots
TC01	Get all posts	GET / posts	Send Get request in Postman	<i>Should return list of posts (200 OK)</i>	200 OK, JSON list of posts	Pass	Figure 1
TC02	Get single post by ID	GET / posts / 1	Send Get Request with ID = 1	<i>Should return empty object or 404</i>	200 OK, Post data shown	Pass	Figure 2
TC03	Invalid post ID	GET / posts / 9999	Send Get request with ID not in dataset	<i>Should return post with ID = 1 (200 OK)</i>	Returns { } with 200 OK	Pass	Figure 3
TC04	Create new post	POST / posts	Send POST with body { "title": "test", "body" : "demo", "userId": 1 }	Should create new post(201 Created)	201 Created, JSON response With ID = 101	Pass	Figure 4

Output

1. GET / posts

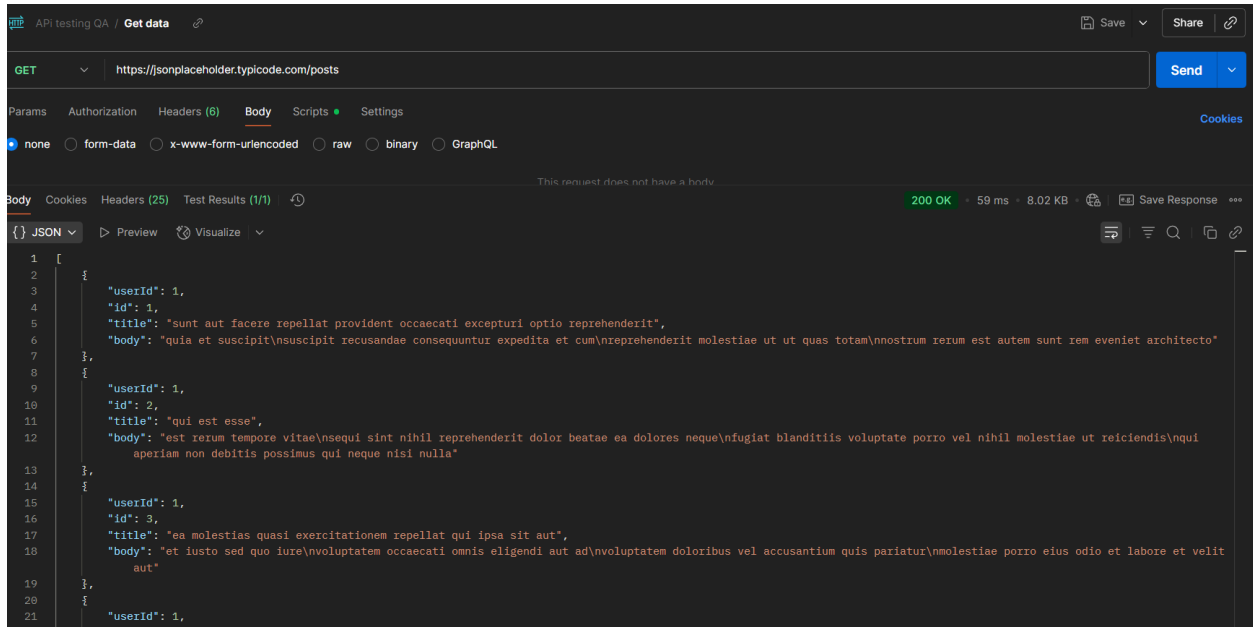


Figure 1: Get all posts

2. GET / posts / 1

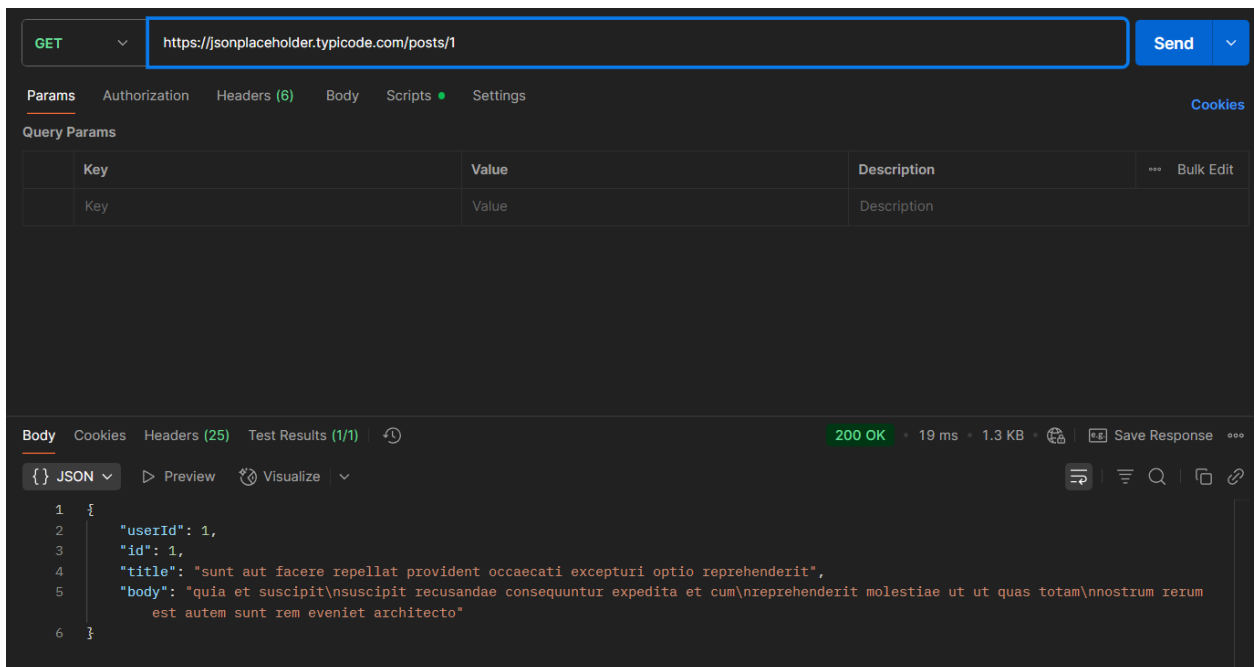


Figure 2: Get single post by ID

3. GET / posts / 9999

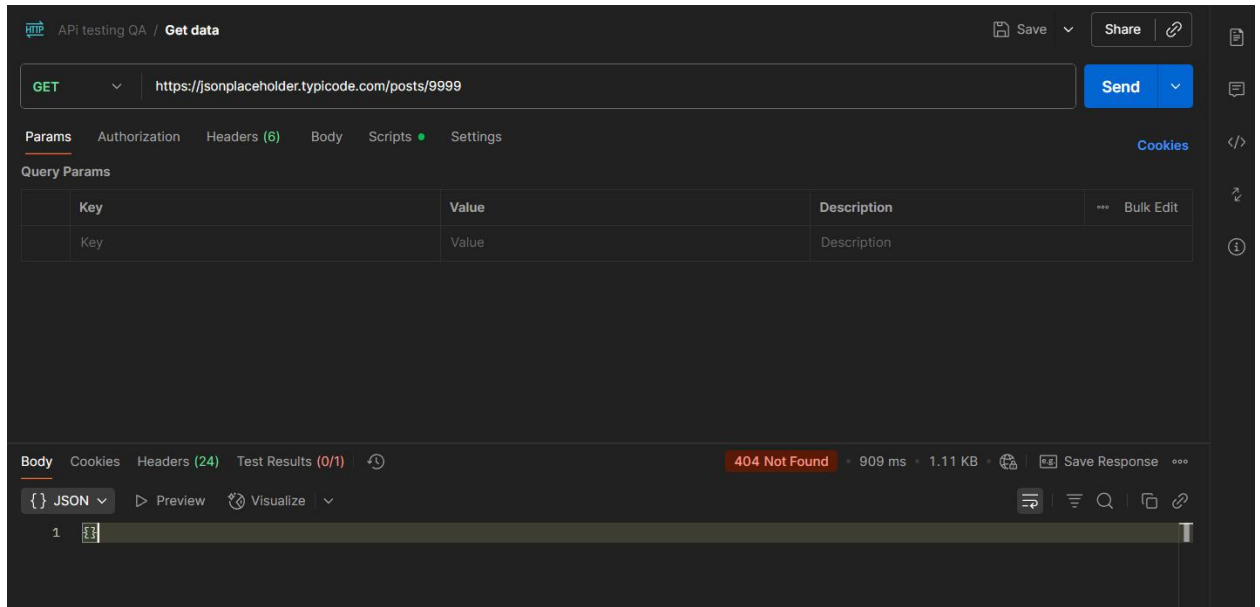


Figure 3: Invalid post ID

4. POST / posts

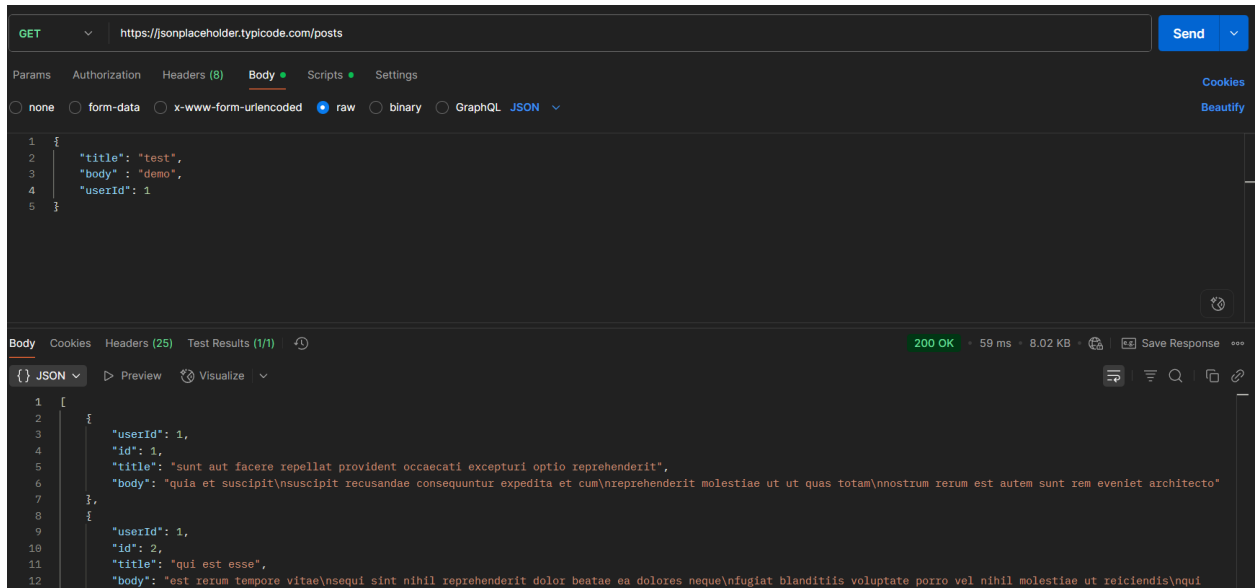


Figure 4: Create new post

