Lab: First API Tests with Postman

What fields does each post object contain?

- It contains the userId, Id, title, and body.

How many items are returned?

- It returns a total of 100 items.

What headers are in the response?

- In the response the headers include: Postman-Token, User-Agent, Accept, Accept-Encoding, and Connection.

What happens if you request /posts/999? (non-existent ID)

- If you try to get a request for a non-existent ID, it will throw an error which indicates that the request to the ID failed.

What status code do you receive?

- The status code is 404 Error.

What id was assigned to your new post?

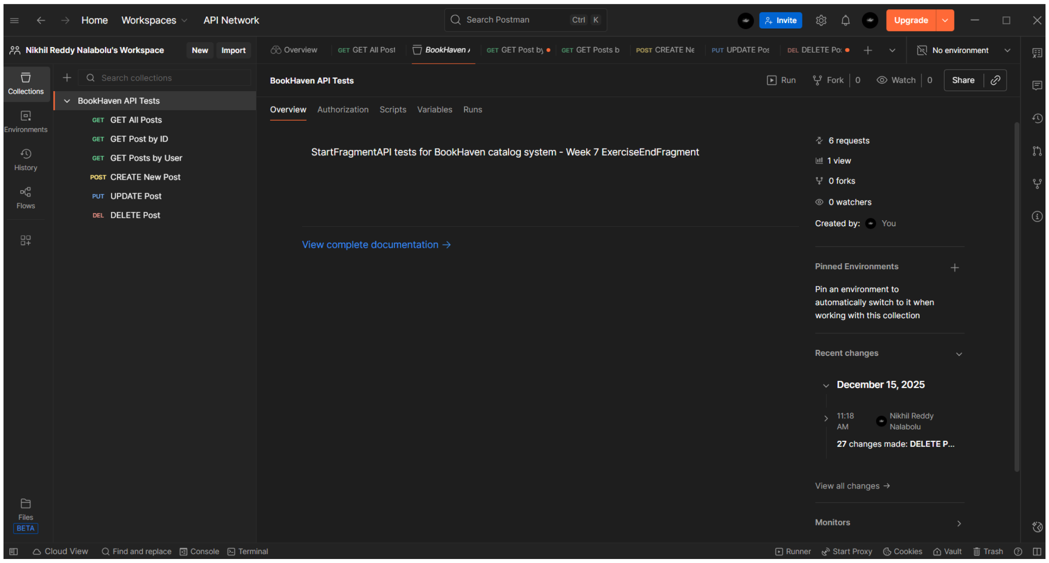
- I got assigned an Id of 101 for my new post.

How does 201 differ from 200?

- 201 refers to a new resource being made successfully and 200 refers to the request being sent to the server has been made successfully.

Submission Items:

Collection "BookHaven API Tests" created:



Nikhil Reddy Nalabolu's Workspace

BookHaven API Tests

- GET GET All Posts
- GET GET Post by ID
- GET GET Posts by User
- POST CREATE New Post
- PUT UPDATE Post
- DEL DELETE Post

StartFragmentAPI tests for BookHaven catalog system - Week 7 ExerciseEndFragment

View complete documentation →

6 requests

1 view

0 forks

0 watchers

Created by: You

Pinned Environments

Pin an environment to automatically switch to it when working with this collection

Recent changes

December 15, 2025

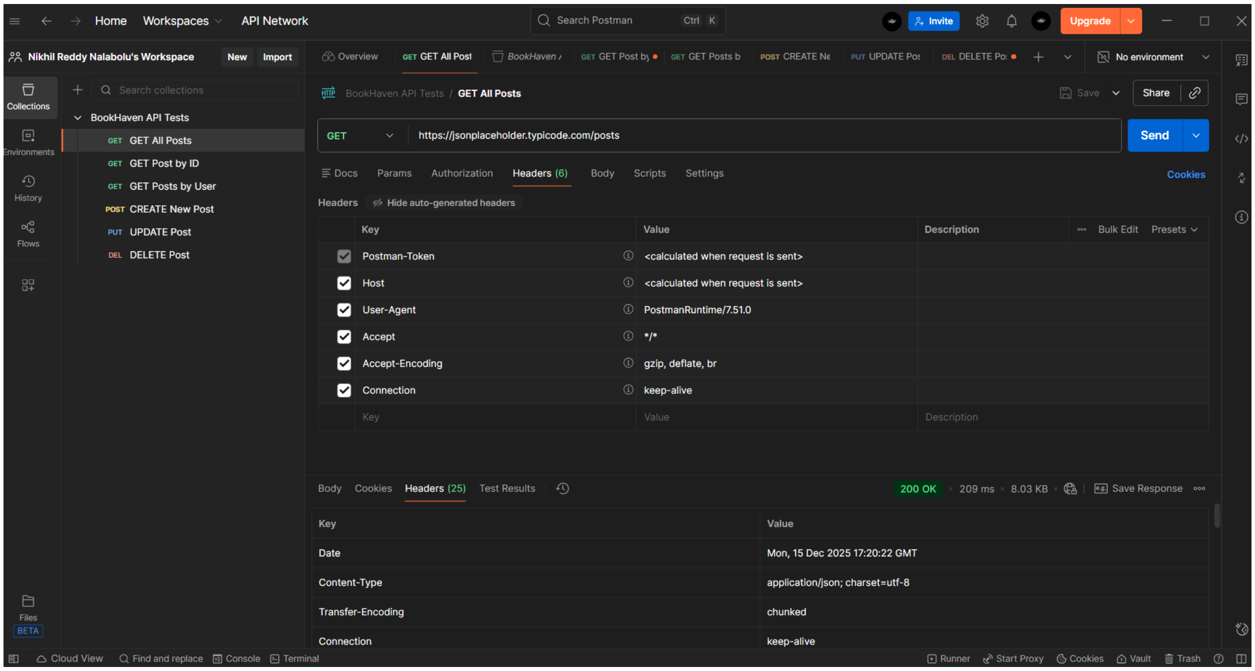
11:18 AM Nikhil Reddy Nalabolu

27 changes made: DELETE P...

View all changes →

Monitors

GET All Posts - 200 OK:



BookHaven API Tests / GET All Posts

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

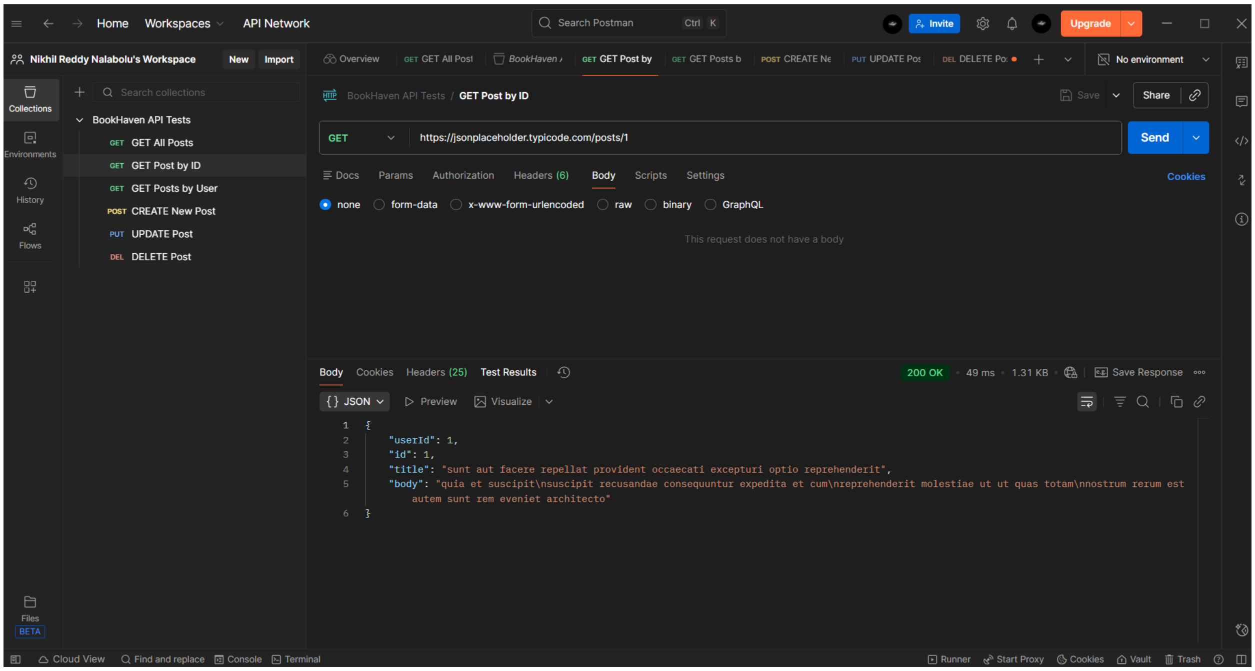
Headers

	Key	Value	Description
☑	Postman-Token	<calculated when request is sent>	
☑	Host	<calculated when request is sent>	
☑	User-Agent	PostmanRuntime/7.51.0	
☑	Accept	*/*	
☑	Accept-Encoding	gzip, deflate, br	
☑	Connection	keep-alive	
	Key	Value	Description

Body Cookies Headers (25) Test Results — 200 OK • 209 ms • 8.03 KB — Save Response

Key	Value
Date	Mon, 15 Dec 2025 17:20:22 GMT
Content-Type	application/json; charset=utf-8
Transfer-Encoding	chunked
Connection	keep-alive

GET Post by ID - 200 OK:



BookHaven API Tests / GET Post by ID

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

● none ○ form-data ○ x-www-form-urlencoded ○ raw ○ binary ○ GraphQL

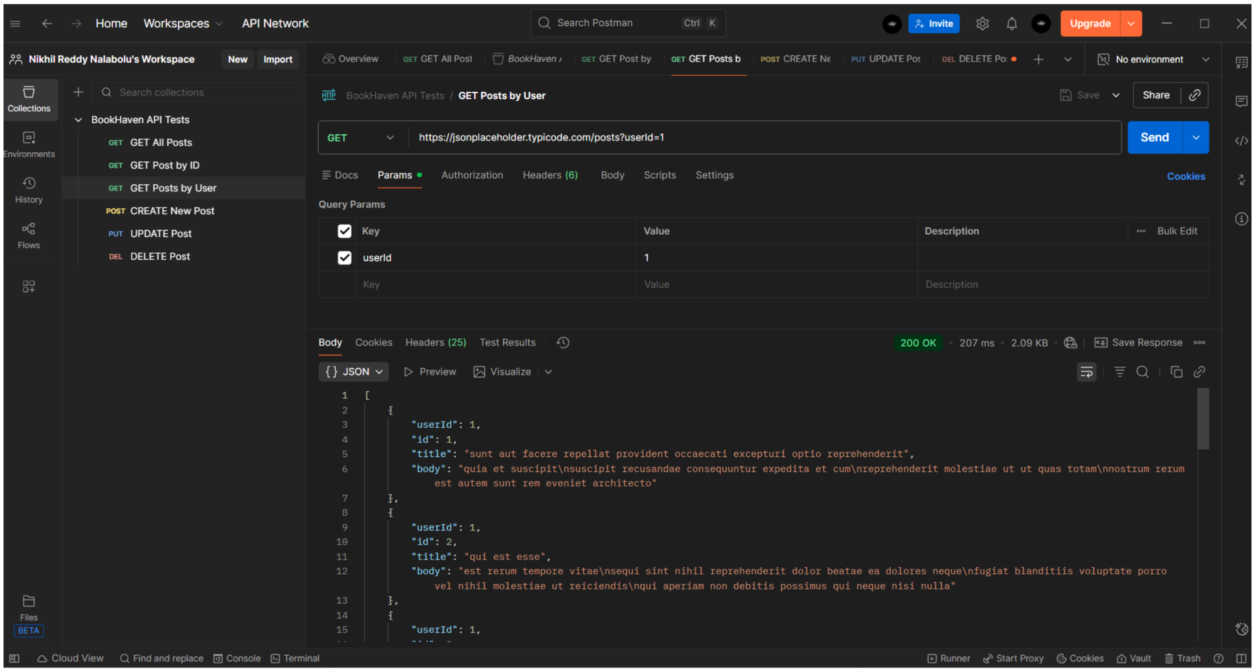
This request does not have a body

Body Cookies Headers (25) Test Results — 200 OK • 49 ms • 1.31 KB — Save Response

JSON

```
{
    "userId": 1,
    "id": 1,
    "title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit",
    "body": "quia et suscipit\nsuscipit recusandae consequuntur expedita et cum\nreprehenderit molestiae ut ut quas totam\nnostrum rerum est autem sunt rem eveniet architecto"
}
```

GET Posts by User - Filtered correctly:



BookHaven API Tests / GET Posts by User

GET https://jsonplaceholder.typicode.com/posts?userId=1

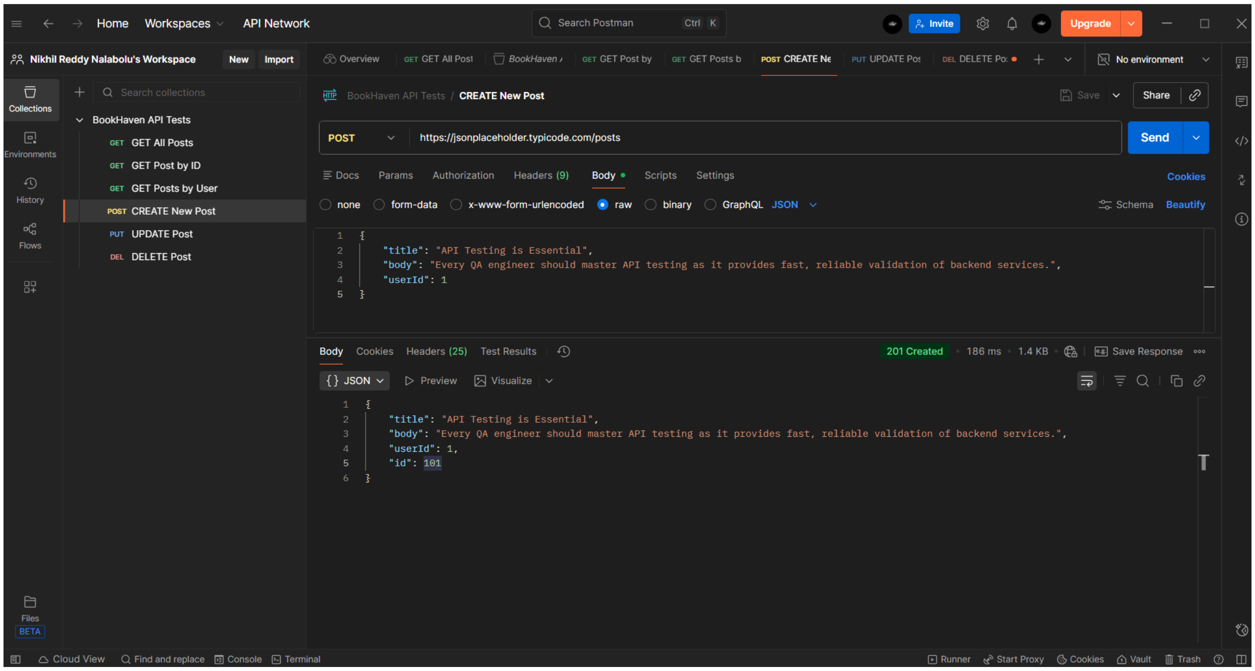
Query Params

	Key	Value	Description
☑	userId	1	

200 OK • 207 ms • 2.09 KB

```
[
    {
        "userId": 1,
        "id": 1,
        "title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit",
        "body": "quia et suscipit\nsuscipit recusandae consequuntur expedita et cum\nreprehenderit molestiae ut ut quas totam\nnostrum rerum est autem sunt rem eveniet architecto"
    },
    {
        "userId": 1,
        "id": 2,
        "title": "qui est esse",
        "body": "est rerum tempore vitae\nsequi sint nihil reprehenderit dolor beatae ea dolores neque\nfugiat blanditiis voluptate porro vel nihil molestiae ut reiciendis\nqui aperiam non debitis possimus qui neque nisi nulla"
    },
    {
        "userId": 1,
```

CREATE New Post - 201 Created:



BookHaven API Tests / CREATE New Post

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

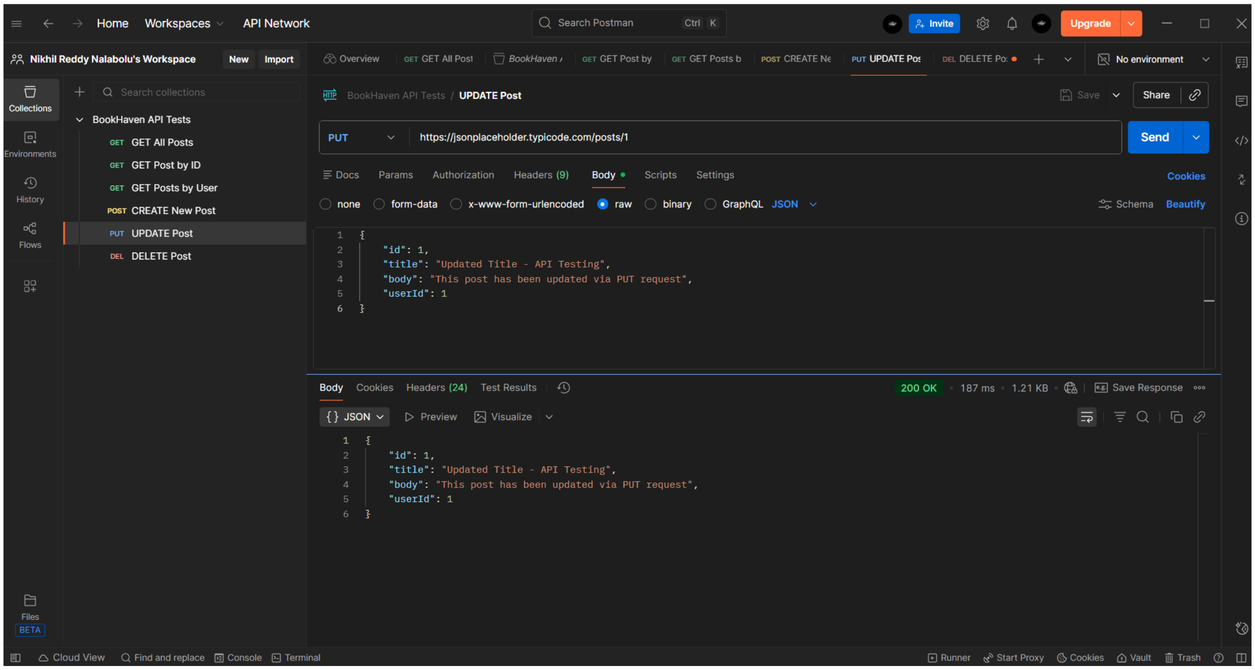
○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
{
    "title": "API Testing is Essential",
    "body": "Every QA engineer should master API testing as it provides fast, reliable validation of backend services.",
    "userId": 1
}
```

201 Created • 186 ms • 1.4 KB

```
{
    "title": "API Testing is Essential",
    "body": "Every QA engineer should master API testing as it provides fast, reliable validation of backend services.",
    "userId": 1,
    "id": 101
}
```

UPDATE Post - 200 OK:



BookHaven API Tests / UPDATE Post

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

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

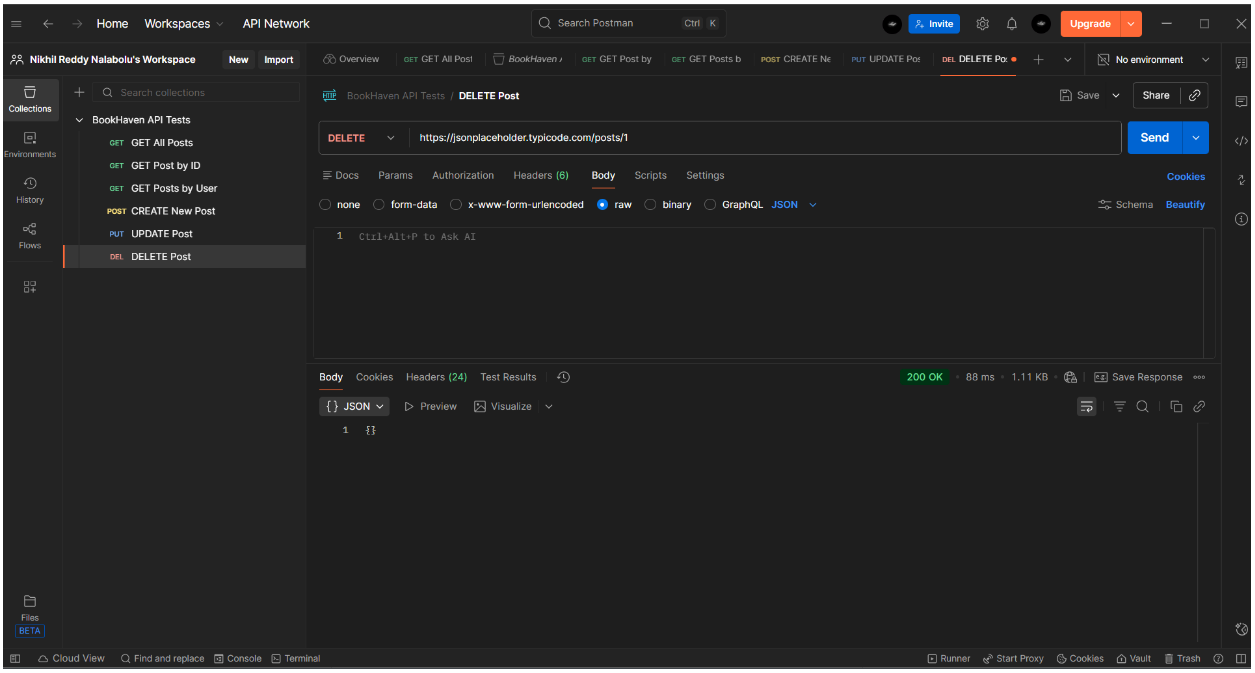
```
{
    "id": 1,
    "title": "Updated Title - API Testing",
    "body": "This post has been updated via PUT request",
    "userId": 1
}
```

Body — 200 OK · 187 ms · 1.21 KB

{ } JSON

```
{
    "id": 1,
    "title": "Updated Title - API Testing",
    "body": "This post has been updated via PUT request",
    "userId": 1
}
```

DELETE Post - 200 OK:



BookHaven API Tests / DELETE Post

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

Body: ○ none ○ form-data ○ x-www-form-urlencoded ● raw ○ binary ○ GraphQL JSON

```
Ctrl+Alt+P to Ask AI
```

Body — 200 OK · 88 ms · 1.11 KB

{ } JSON

```
{}
```

All requests saved to collection: Yes