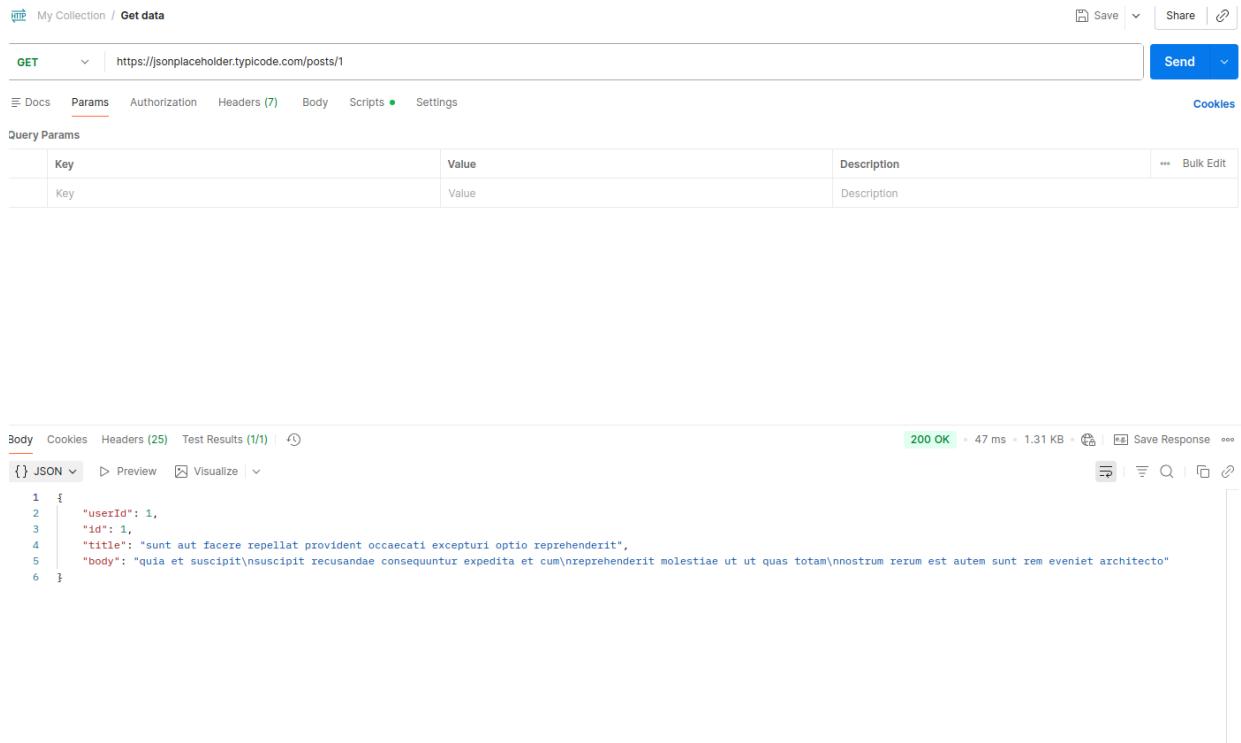


1. Install and open Postman (or use an alternative like Hoppscotch).

2. Make a GET request to a public API



The screenshot shows the Postman interface with a GET request to <https://jsonplaceholder.typicode.com/posts/1>. The response is a 200 OK status with a content length of 1.31 KB. The JSON body contains the following data:

```
1 {  
2   "userId": 1,  
3   "id": 1,  
4   "title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit",  
5   "body": "quia et suscipit\\nsuscipit recusandae consequuntur expedita et cum\\nreprehenderit molestiae ut ut quas totam\\nnostrum rerum est autem sunt rem eveniet architecto"  
6 }
```

3. Make a POST request to <https://jsonplaceholder.typicode.com/posts> with a JSON body:

```
{  
  
  "title": "My First API Post",  
  
  "body": "Learning APIs is fun!",  
  
  "userId": 101  
}
```

The screenshot shows the Postman interface. At the top, it says "My Collection / Get data". Below that, a "POST" method is selected for a request to "https://jsonplaceholder.typicode.com/posts". The "Body" tab is active, showing a JSON payload:

```

1 {
2   "title": "My First API Post",
3   "body": "Learning APIs is fun!",
4   "userId": 101
5 }
6
7
8

```

Below the body, there's a preview of the response in JSON format:

```

1 {
2   "title": "My First API Post",
3   "body": "Learning APIs is fun!",
4   "userId": 101,
5   "id": 101
6 }

```

The response status is "201 Created" with a timestamp of "345 ms" and a size of "1.29 KB". There are buttons for "Save Response" and "Beautify".

4 In your browser DevTools Network tab, trigger a request to any website (e.g., your own site or google.com) and inspect:

- URL
- Method
- Request headers
- Response headers
- Body (if any)

## What to inspect

| Item                   | Description   |
|------------------------|---|
| <b>URL</b>             | The full link of the requested resource, e.g.,<br><a href="https://www.google.com/">https://www.google.com/</a> |
| <b>Method</b>          | HTTP method used: GET, POST   |
| <b>Request Headers</b> | Metadata sent with the request (, <a href="#">Accept-Language</a> )   |

**Response Headers**    Metadata returned by the server (e.g., Content-Type, Cache-Control)

**Body**                      The actual content returned (HTML, JSON, image, etc.)

**Write a short explanation (5–8 lines) describing what happened from request → response.**

### API Request → Response Flow

1. The **client** (Postman/browser) sends a **GET request** to the API URL.
2. The request may include **headers** (content type-accept type)and **parameters** (optional).
3. The **server** receives the request and processes it.
4. The server sends back a **response** containing:
  - **Status code** (200 = success)
  - **Response headers**
  - **Body** (data in JSON format)
5. The client receives the response and displays the data.

### Example:

- Request: GET <https://jsonplaceholder.typicode.com/posts/1>
- Response body:

```
{ "userId": 1, "id": 1, "title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit", "body": "quia et suscipit..." }
```