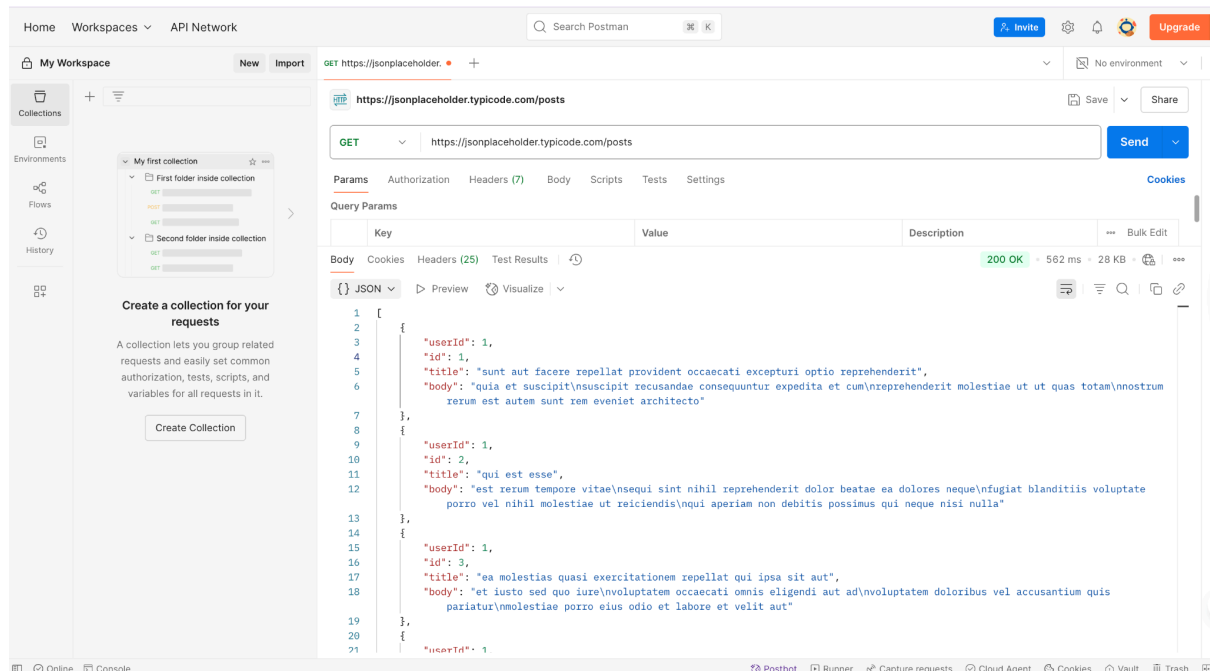


1. URL for uses_api.html online

URL: https://miaxiaoyu.github.io/CS120_Web/API/uses_api.html

2. Postman screenshot – paste below



3. Describe the API you selected and what it does

A: JSON Placeholder is a service that provides you with fake online REST APIs for testing and prototyping. This is a go-to API for every developer.

4. Cite the website that offers the API: <https://jsonplaceholder.typicode.com/>

The API I use is <https://jsonplaceholder.typicode.com/posts>

5. Describe the options/parameters you used for the API request

A: I used the postId parameter as a path parameter in the URL (`https://jsonplaceholder.typicode.com/posts/{postId}`), where users input a number between 1-100 to specify which post to retrieve, and the API returns JSON data containing the post's userId, id, title, and body.

6. what query info did you need to provide to the API to get your results?

A: To get results, I needed to provide a specific Post ID number (1-100) in the URL path, using a GET request with no authentication required, and the API responds with a JSON object containing the post details.

The API returns a JSON object containing:

userId: Which user created the post

id: The post's unique identifier

title: The post's title

body: The post's content/text

7. Identify two applications where this API would be helpful.

A: First, this API would be helpful for developers creating movie review websites or social media platforms where users can post content - they could use this API to test that their posting system works correctly by using the dummy posts to simulate real user posts during development. Second, it would be great for web development learning websites like W3Schools that teach students how to work with APIs, allowing students to practice fetch requests, JSON parsing, and DOM manipulation with reliable, free data without requiring API keys or dealing with rate limits.