### **HTTP:**

* HTTP Methods:
  + Use the curl command to make an HTTP GET request to "https://jsonplaceholder.typicode.com/posts" and display the response.

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

* HTTP Status Codes:
  + Use curl to make a POST request to "https://jsonplaceholder.typicode.com/posts" with a sample JSON payload. Investigate the returned status code and explain its meaning.

Command: curl -X POST -d '{"title": "foo", "body": "bar", "userId": 1}' -H "Content-Type: application/json" https://jsonplaceholder.typicode.com/posts

* Request and Response Headers:
  + Use curl to make a GET request to "[https://www.example.com](https://www.example.com/)" and display only the headers in the response.

curl -I https://www.example.com

* URLs and Query Parameters:
  + Use curl to make a GET request to "https://jsonplaceholder.typicode.com/posts" with a query parameter for a specific user ID. Display the response.

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

### DevTools Tasks:

* Inspect Element:
  + Open DevTools, right-click on an element on a webpage, and select "Inspect." Identify the HTML tags and attributes associated with that element.
* Network Tab:
  + Open DevTools, go to the "Network" tab, and load a webpage. Identify a request in the list, inspect its headers, and find the response data.
* Console Commands:
  + Open DevTools, go to the Console, and execute a JavaScript command to change the background color of the webpage.

For example:

document.body.style.backgroundColor = 'lightblue';

### Postman Tasks:

* Creating Requests:
  + In Postman, create a new request to "https://jsonplaceholder.typicode.com/todos/1" using the GET method. Set the necessary headers and parameters.
* Collections and Environments:
  + Create a Postman collection for interacting with the "https://jsonplaceholder.typicode.com" API. Include requests for getting posts, creating a new post, and updating a post. Use an environment to manage variables like the base URL.
* Testing and Assertions:
  + Add a test to your Postman request to check if the response status code is 200. Use the Postman testing syntax, for example:

pm.test("Status code is 200", function () {

pm.response.to.have.status(200);

});