**Assignment on Exploring API and conventions**

**A screenshot of a computer

AI-generated content may be incorrect.**

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2).

fetch("https://jsonplaceholder.typicode.com/posts/1")

.then(response => response.json())

.then(post => {

console.log("Title:", post.title);

console.log("Body:", post.body);

})

.catch(error => console.error("Error:", error));

3).

4 Main Parts of an HTTP Request

1. Request Line- Includes method, URL, and HTTP version
2. Headers -Metadata (e.g., content type, authentication)
3. Body - Data sent (mostly with POST/PUT)
4. URL - The endpoint being accessed

4).

User-Agent: Identifies the browser or device

Accept: What formats client can receive  
Accept: application or json, text or html

Host: Domain name of the server  
Host: example.com

5). JSONPlaceholder Tasks

1. Fetch a post and show title with body:

javascript

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fetch("https://jsonplaceholder.typicode.com/posts/1")

.then(res => res.json())

.then(data => {

console.log("Title:", data.title);

console.log("Body:", data.body);

});

2. Fetch and display comments for post ID 1:

javascript

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fetch("https://jsonplaceholder.typicode.com/posts/1/comments")

.then(res => res.json())

.then(comments => {

comments.forEach(comment => {

console.log(`Comment by ${comment.email}: ${comment.body}`);

});

});