**Module 2: Lab 1, Java Script**

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IFT 544: Middleware Prog & Database Sec

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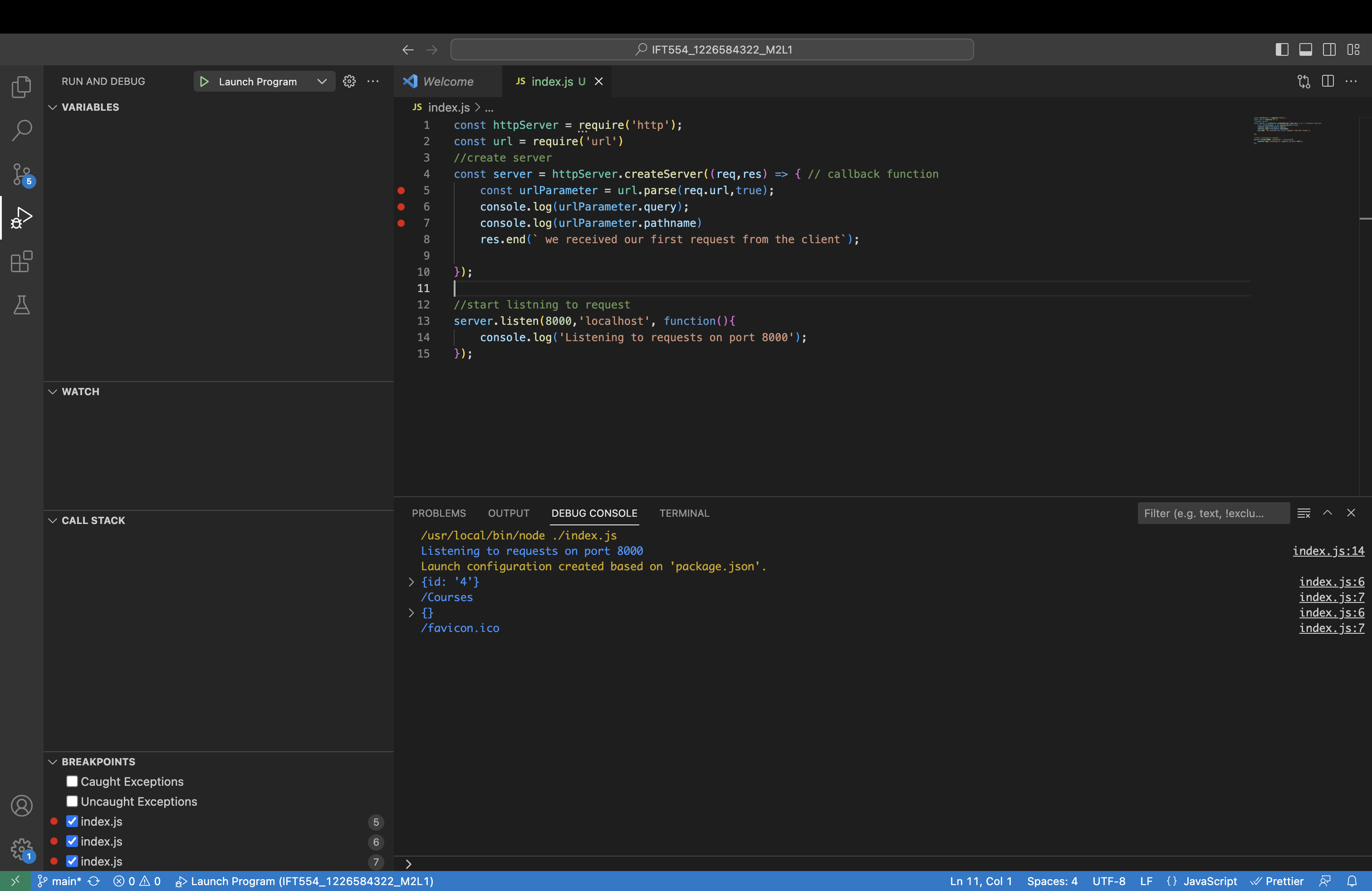
**Part A: creating http server:**

createServer(): Returns a new instance of Server.

Server.listen() : Start a server listening for connections.

url: The node:url module provides utilities for URL resolution and parsing

url.parse(): The url.parse() method takes a URL string, parses it, and returns a URL object.



A screenshot of a computer

Description automatically generated

**Part B: Setting response headers:**

writeHead(): Sends a response header to the request.

A screen shot of a computer

Description automatically generated

With id parameter: (<http://localhost:8000/Courses?id=5>) status code should be 200

A screenshot of a computer

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Without id parameter: (<http://localhost:8000/Courses>) status code should be 404

A screenshot of a computer

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Step6: Reading Data From File and Sending the Data to the Client:

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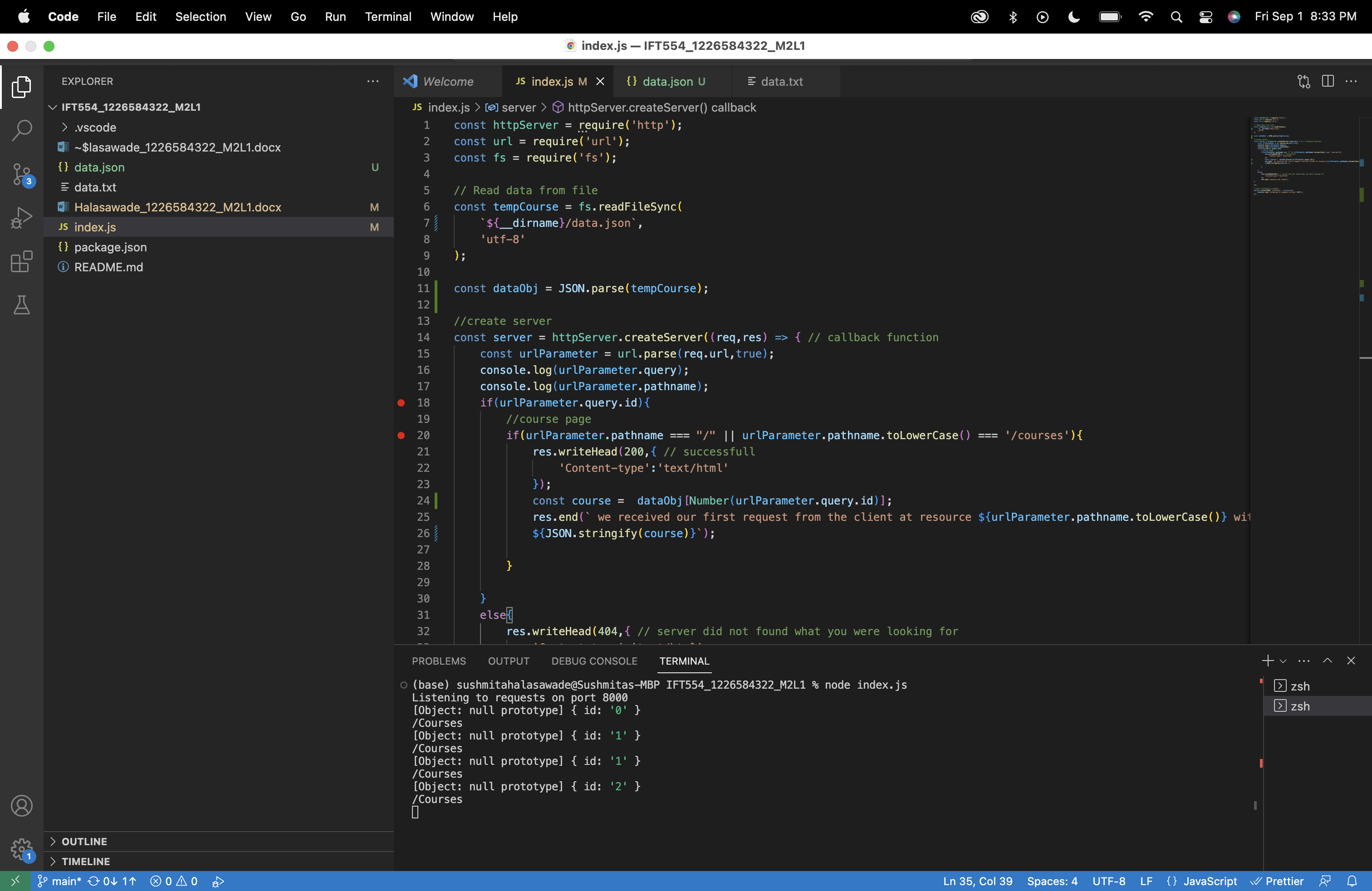
A screenshot of a computer

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Step 7: Reading JSON data from the file

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Description automatically generated



getting JSON data where id = 0:

A screenshot of a computer

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getting JSON data where id = 1:

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getting JSON data where id = 2:

A screenshot of a computer

Description automatically generated

Step 8: Adding a User Interface in HTML

