Problem Statement: The Last Transmission

Neha, a college student, was last seen heading home when her emergency safety app transmitted a distress signal before going offline. Authorities have intercepted a suspicious API that might contain the final clue to her whereabouts. However, there's a catch—the vital information isn't in the response body but hidden within the response headers.

Your mission is to extract and decode the last known message before it's too late.

X Function Signature

```
async function fetchSecretKey() {
  // Implement your logic here
}
```



📥 Input Format

There is **no direct input** to this function.

 When executed, it should automatically send an HTTP GET request to the following API endpoint:

https://run.mocky.io/v3/b7dd2779-9ca7-4525-8174-29ad162b298d



📤 Output Format

Your function must retrieve and display the **X-Secret-Message** from the API response headers.

If the header exists, print:

Secret Key: <message>

Example:

Secret Key: Look for a red car. X If the header is missing, print: No key found! Keep searching. If the API request fails, print: System error! Unable to retrieve the key. **Constraints** • **Do not** extract or use any data from the response body—only headers matter. • You must use the fetch API (no external libraries like Axios or jQuery). • The function should **execute automatically** without requiring manual input. Sample Test Case Input (No direct input—function runs automatically.) Possible API Response Headers X-Last-Known-Message: "She mentioned a warehouse near MG Road!" X-Secret-Message: "Look for a red car." Expected Output Secret Key: Look for a red car.

Solution Solution

- 1. The function sends a **GET request** to the API.
- 2. It ignores the response body and directly accesses the headers.
- 3. If the **X-Secret-Message** header exists, the function **extracts and prints** its value.
- 4. If the header is missing, it displays "No key found! Keep searching."
- 5. If the API request fails, it prints "System error! Unable to retrieve the key."

The clock is ticking, and every second matters. \mathbb{Z} Will you uncover the last clue before it's too late? The investigation is in your hands. \mathbb{Z}