

Web Programming

Review exercises for midterm exam

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Objectives

- Review and practice JavaScript related topics in views of midterm examination
 - Basic JavaScript
 - DOM manipulation
 - Asynchronous JavaScript
 - Fetch API
 - JSON
 - HTTP

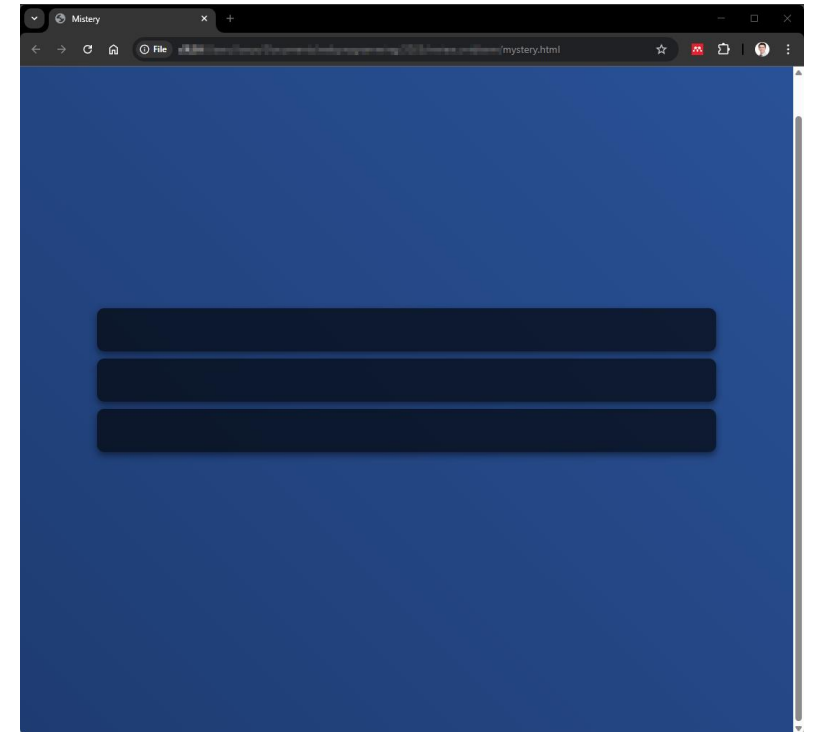
JavaScript Scavenger Hunt

- You are given an initial API endpoint address that you must access
 - The URL is contained in the starter code that you can download from eclass)
- The API returns a response with a JSON payload that contains instructions and clues.
 - You have to follow the instructions and resolve these clues
- The clues will help you to find the next API endpoint address
- Repeat this until you can make the final submission
- The first five students who register the final submission will get a small prize during our next class



First step

- Download the starter code from eclass
- Inspect and understand the files that you downloaded
 - HTML file
 - CSS file
 - JavaScript file



First clue

- Using asynchronous JavaScript based on promises, access the first API.
- Transform the HTTP response into a JavaScript object.
- Using Chrome Developer Tools, explore the payload that you get, also explore the HTTP request and response from the Network tab
- Follow the instructions to uncover the next API endpoint.





JavaScript