Async JS Tasks

1*. Page with a button. When the button is clicked create API request to: https://dog.ceo/api/breeds/image/random. Display the image on the page.

2. Page with a button. When the button is clicked create 5 API calls to https://randomfox.ca/floof/. When ALL images are loaded -> display them on the page

3. Page with a button. When the button is clicked create 5 API calls to: https://dog.ceo/api/breeds/image/random. Display the first loaded image.

4*. Create a web page containing select dropdown component.

The options needs to be all emails from this endpoint:
https://jsonplaceholder.typicode.com/users

When you select a value from the dropdown:

4.1* Generate second request to take all posts for this user:
https://jsonplaceholder.typicode.com/users/{userID}/posts

- Display his posts on the screen.

4.2 Generate second request to take his albums:
https://jsonplaceholder.typicode.com/users/{userID}/albums

Display his albums on the screen.

4.3 Generate second request to take his todo items:
https://jsonplaceholder.typicode.com/users/{userID}/todos

Display all NOT completed todos

4.4 Generate second request to take his albums
https://jsonplaceholder.typicode.com/users/{userID}/albums

For each album generate another request to get all photos:
https://jsonplaceholder.typicode.com/albums/{albumID}/photos

Display the number of all photos for this user.

5. Create a web page containing “accordion” elements:
https://www.w3schools.com/howto/howto_js_collapsible.asp

when post is collapsed(clicked) load all comments in it:
https://jsonplaceholder.typicode.com/posts/{postID}/comments

6*. Create an application called Find the IP address. Create a simple input field and submit button. When the button is clicked- send AJAX request to: https://ipapi.co/{IP_ADDRESS}/json/

API Documentation: https://ipapi.co/api/#specific-location-field

Autocomplete

7*. Create a web page containing one simple input with autocomplete options.

When the user start typing you need to create AJAX request to this endpoint:
https://api.thecatapi.com/v1/breeds/search?q={USER_INPUT}

Display the suggested options below the input element. When the user selects an option display more info for this breed to the page.

Pagination

8. Create a web page containing:

- table
- Pagination component: https://www.w3schools.com/css/css3_pagination.asp
- Select component with the numbers: 5, 10, 15, 20. This will be showing how many rows the table will have.

For the data use this API: https://api.thecatapi.com/v1/images/search?limit=5&page=10&order=Desc

The table must contain the following columns:

- id
- image
- image width (data from the API)
- image height (data from the API)

You can check the API documentation here: https://docs.thecatapi.com/pagination

Slow APIs

9*. Create a webpage with 1 button. When the button is clicked create an AJAX request to this endpoint: http://slowwly.robertomurray.co.uk/delay/2500/url/https://randomfox.ca/floof/.

Display a loading component until the response arrive.

When the image is loaded, hide the loader and display the image.

APIs with limited requests:

http://www.omdbapi.com/apikey.aspx -> You need to enter an email in order to receive the API key.

Using the omdb API create a web page containing:

- input with autocomplete
- pagination component

Display all movies