

Workshop 26: Javascript / Javascript Modules and Promise Workshop

Brainster Web Development Academy



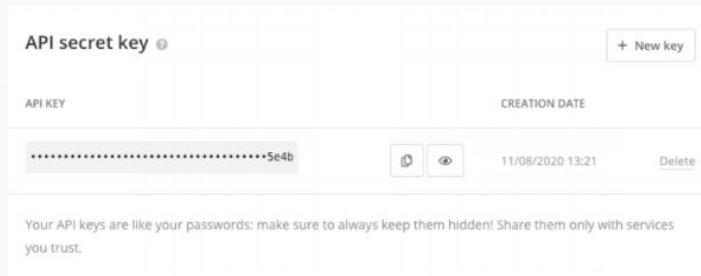
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Email Validator

Visit <https://hunter.io/> and create a profile. Then login and under your account in the section API create your new Api Key.



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Create simple html form containing one input text Email and button Validate. On click on the button we need to validate if inserted email address is valid or not. Use fetch api. More details about the request can be found here: <https://hunter.io/api-documentation/v2#email-verifier>

Create simple html form where user can insert domain name of some company. On click on button we need to list all found emails and all sources that are related to that company. Use fetch api. More details about the request can be found here: <https://hunter.io/api-documentation/v2#domain-search>



User Management

1. We are going to use this api: <https://reqres.in/> . All information can be found on their website.
2. Create simple register form with email and password. Send post request on this endpoint <https://reqres.in/api/register> with needed information. Use only fetch Api.
3. If register is successful then redirect user to a page where all users will be listed. Fetch data from this endpoint <https://reqres.in/api/users?page=1> . Also make pagination. 6 users per page. If register is not successful show error message.
4. On click on some user, we should be redirected on a page where we will see all user details. Use this endpoint <https://reqres.in/api/users/USER>



ToDo App

1. We are going to use this API <https://jsonplaceholder.typicode.com/> . You can find all needed information on their website.
2. Create a page that will contain sidebar and a wrapper where all todos will be listed. Fetch todos from this endpoint <https://jsonplaceholder.typicode.com/todos>
3. Sidebar should be populated with all available users. Users should be fetched from this endpoint: <https://jsonplaceholder.typicode.com/users>
4. On click on each user we should filter all the todos that belong to the selected user



Brainstring

Create a JS library that will contain several functions that will help Javascript user to manipulate strings.

All functions should be exported.

Create following functions:

1. `isPalindrome(string)` => Check if string is palindrom. Returns Boolean. Palindroms are: Anna, Civic, Kayak, Level, Madam.....

2. `obfuscateRight(number, string)` => Transforms given string in the following way:

`obfuscateRight(4, Brainster)` => `nsterBrai` // Takes first X characters and append at the end of the string

3. `obfuscateLeft(number, string)` => Transforms given string in the following way:

`obfuscateLeft(4, Brainster)` => `sterBrain` // Takes last X characters and append at the begging of the string

4. `camelize(string)` => Remove any underscores or dashes and convert a string into camel casing.

`data_rate` => `dataRate`; `_car_speed_` => `CarSpeed`

5. `longestWord(string)` => Returns the longest word in the sentence. Ex, We are learning Javascript.

Should return Javascript.



Break a leg!

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If there is not enough time, try to finish the exercises at home.

