Error. Storages

DEADLINE: 18/12/2021

FOLDER STRUCTURE

```
FL18_HW6/ *                                    *  - required
    ├── task
    ├── homework/ *
    │   ├── index.html *
    │   ├── pipe.html *
    │   ├── page_1.html *
    │   ├── page_2.html *
    │   ├── page_3.html *
    │   ├── css/ *
    │   │   ├── main.css *
    │   ├── js/ *
    │   │   ├── index.js *
    │   │   ├── pipe.js *
```
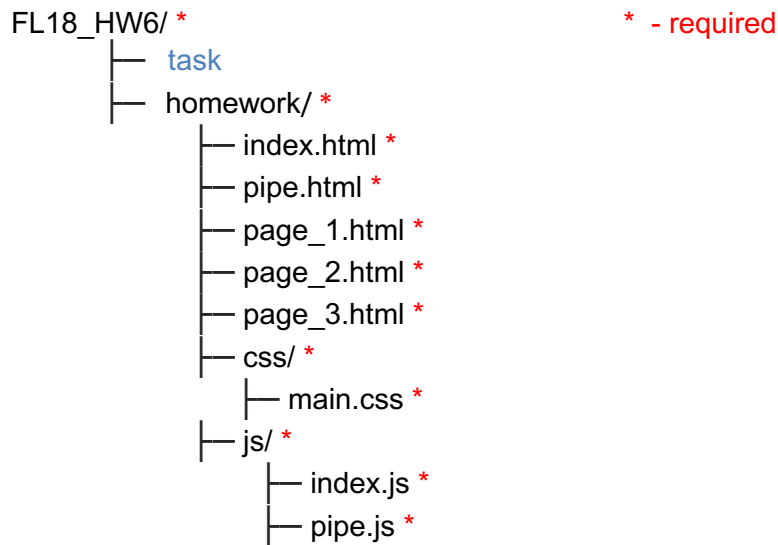
TASKS

Task 1.

- You need to implement two functions in *index.js* – visitLink and viewResults.
- visitLink function should save to localStorage how many times each link was clicked (visited).
- viewResults should display a list how many times each link was visited (see example below) and afterwards clear the storage

Welcome to Local Storage Homework

View page visits results

- You visited Page3 13 time(s)
- You visited Page1 7 time(s)
- You visited Page2 14 time(s)

Task 2.

- Implement PIPE function.
- The function is supposed to accept the following arguments: value and a sequence of functions.
- Each of the functions should operate on the provided value and pass the output to the other function in a sequence.
- In case provided argument is not a function, pipe should immediately throw an error and stop the execution.

Example:

```javascript
const result = pipe(
  "john_doe",
  replaceUnderscoreWithSpace,
  capitalize,
  appendGreeting,
);

alert(result); // Hello, John Doe!

const result = pipe(
  "john_doe",
  replaceUnderscoreWithSpace,
  capitalize,
  "",
```

```
);

alert(result); // Provided argument at position 2 is not a function!
```

RESTRICTIONS

- Editing index.html is forbidden.
- Adding **task/** folder is forbidden. Do not push it to repository. (Only **homework/** should be pushed)

BEFORE SUBMIT

- Code should be clean, without comments, readable, and tested
- Make sure your GitLab folder structure meets folder structure from this document (without **task** folder)

SUBMIT

- The **FL18_HW6** folder without **task** folder should be uploaded to GitLab repository "**FL-18**" into **main** branch.

USEFUL LINKS

- https://developer.mozilla.org/ru/docs/Web/API/Storage