

Error. Storages

DEADLINE: 10/05/2022

FOLDER STRUCTURE

```
FL19_HW10/*  
└─ task/**  
    └─ homework/*  
        └─ css/*  
            └─ style.css*  
        └─ index.html*  
        └─ index.js*  
        └─ .eslintrc.js*
```

* – required
** – restricted(no need to submit)

TASK

In this homework, you have to create an HTML page with an input (nickname), set of small buttons, and a big button “Click me” as you see in the picture below. You can find a video demo in the folder.

Start

Best result

Best result for all time

Clear best result

Clear best result for all time



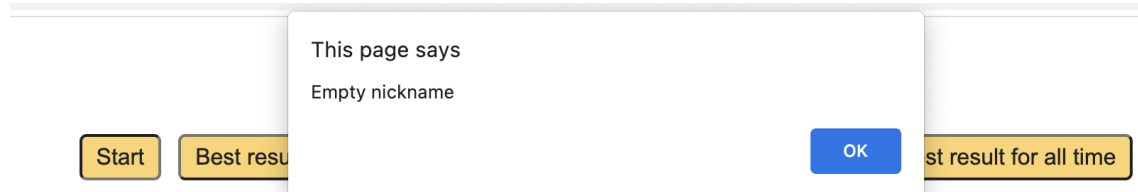
How the application should react after click on buttons:

- “Start” – after click on this button, you should:

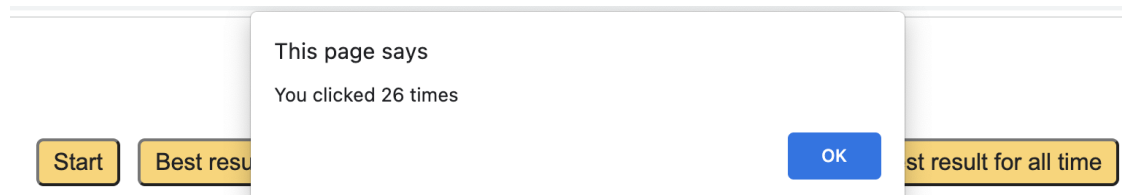
1. get the value from the input with nickname and validate it. In case a text is empty, throw an error with proper message, then handle this error (using **try..catch**) and show error message in JavaScript Popup box (using **alert**), like in the example below.

To get the text from an input, add an id “nickname” to the HTML input tag and do the following command in js file:

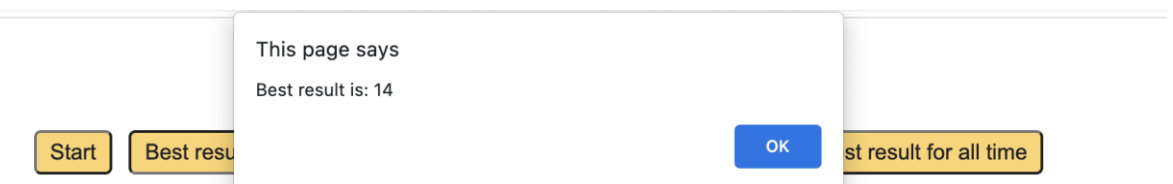
```
const nickname = document.getElementById('nickname').value;
```



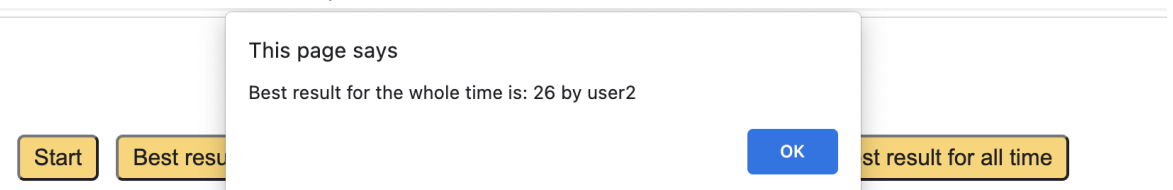
2. If the nickname is valid, start a timer for the 5 seconds and start counting clicks, clicked on the big blue button. Show this result in JavaScript Popup box after time is out like in the picture below:



3. If the current score is bigger than previous best scores, remember it for showing in “Best result” and “Best result for all time”.
- “Best result” – the best result from all attempts, played in the current tab. Keep in mind that after the page is refreshed, the result should remain the same. Display this result in a popup box:



- “Best result for all time” – the best result from all tabs of this application. Keep in mind that after the page is refreshed, the result should remain the same. Display this result in a popup box with the nickname of that person:



- “Clear best result” – clears information about “best result”, setting it to 0. Display appropriate message in a popup box;

- “Clear best result for all time” – clears information about “best result for all time”, setting it to 0. Display an appropriate message in a popup box;

PLEASE NOTE

- You don’t have to follow styles which are in my application, just keep all elements look good;

BEFORE SUBMIT

- Remove all unnecessary files that you might have included by mistake
- Verify that all functionality is implemented according to requirements
- Make sure you code is well-formatted
- Add comments if the code is difficult to understand
- Fix warnings/errors in the browser console
- Verify that the name of the folders and files meet the requirements
- Run the linter and fix all warnings and errors.

SUBMIT

- The folder “**FL19_HW10**” without “task” folder should be uploaded to GitLab repository 'FL-19' into **main** branch

USEFUL LINKS

- https://developer.mozilla.org/en-US/docs/Web/API/Web_Storage_API
- https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Global_Objects/Error