Tools

**DEADLINE:** 09/02/2022

## FOLDER STRUCTURE

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| --- | --- |
| FL18\_HW8/ \*  ├─ homework/ \*  ├─ js/ \*  ├─ \*.js \*  ├─ scss/ \*  ├─ \*.scss \*  ├─ index.html \*  ├─ package.json \*  ├─ yarn.lock \* | \*  - required |

## TASK

Let’s implement the famous kid game! Everybody knows the rules:

- Scissors beats a paper,

- Paper beats rock,

- Rock beats scissors.

- And we play up to three wins!

**Interface:**

- On the page, you should show game rules and heading‘Let’s play!’

- After there should be three buttons - Rock, Paper, or Scissors.

- And ‘Reset’ link.

**Interaction:**

- After pressing one of the buttons game is started.

- The result of every step we should show after buttons. It should look like:

“Round 1, Paper vs. Rock, You’ve WON!”

or “Round 2, Rock vs. Paper, You’ve LOST!.

- And after three wins or three losses, you should show the final result who is the winner.

- Pressing reset button should clear game data and previous results on the page.

**REQUIREMENTS**

- Use **Yarn** to install dependencies.

- Use **Webpack** to handle the build process.

- Styles should be written using **Scss** in 2 or more files. Should be compiled to one \*.css file.

- JS should use **ES6** (use arrow functions). The source code should be **located in 3 or more different .js files**. Should be **compiled to one** minimized, ES5 app.js.

- All images should be compressed.

- package.json file should have 2 scripts:

* build - for compiling all the project,
* serve - for development, to run development server and watch all file changes (\*.html, \*.scss, \*.js).

- Add **linter/prettier** to the project

**RESTRICTIONS**

* Adding **task/** folder is forbidden. Do not push it to repository. (Only **homework/** folder should be pushed).
* **node\_modules/** and **dist/** folders should not be pushed to repository.
* Do not use any external libraries.

## 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)
* Fix all issues which was found by w3org Markup Validation Service (<https://validator.w3.org/>)

## SUBMIT

* The **FL18\_HW8** folder without **task** folder should be uploaded to GitLab repository “**FL-18**” into **main** branch.