Tools

**DEADLINE:** 04/12/2020

## FOLDER STRUCTURE

|  |  |
| --- | --- |
| FL14\_HW9/ \*  ├─ task  ├─ homework/ \*  ├─ all of the necessary files, no specific ones \* | \*  - 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 rounds, you should show the final result who is the winner.

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

**Code requirements:**

- Use **Yarn** to install dependencies.

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

- Styles should be **Less/Sass/Scss** in different files. Should be compiled to one CSS.

- JS should use **ES6** (use arrow functions). The code should be **split by functions** and **located in different 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,

\*.less/\*.sass/\*.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)
* 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)

## SUBMIT

* The **FL14\_HW9** folder without **task** folder should be uploaded to GitLab repository “**FL-14**” into **master** branch.