

# Tools

**DEADLINE:** 11/12/2021

## FOLDER STRUCTURE

```
FL17_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 **FL17\_HW8** folder without **task** folder should be uploaded to GitLab repository "**FL-17**" into **main** branch.