

## Code Exercise NoA Ignite

### Guidelines

- For this exercise we want you to **use React**. Feel free to use modern browser features and APIs
- **We will be judging the functionality** as well as your **coding style**, the **readability** of your code and your **creativity** in solving the exercise
- We **prefer JSS** for styling
- Send us your source code/link to your CodePen/Codesandbox etc...

### Exercise

#### # Step 1

Style these two buttons and their hover states:

**For the plus and minus icons, feel free to style + and - characters**, use inline svgs or any other solution you can come up with.

The **colors used are**: black, white, hotpink and rebeccapurple.

#### #Step 2

Time to put the buttons into action! First **create the following layout** using the two buttons from Step 1:

Then **bring the counter to live with JavaScript**: When pressing the - DECREMENT button, decrement the counter, when pressing + INCREMENT, increment the counter.

#### # Step 3

We love GitHub and open source!

We've therefore put together a list of some of our favourite GitHub repositories. \*(If you don't know all of them, go and check them out!)\*

```
[
  'eslint/eslint',
  'oakwood/front-end-questions',
  'babel/babel',
  'webpack/webpack',
  'storybooks/storybook',
  'facebook/react',
  'reactjs/redux',
  'expressjs/express'
]
```

**We would like to display some data about the repositories.** Use the counter as an index for the above array (eslint/eslint if the counter is 0, oakwood/front-end-questions if it's 1, ...) and fetch information about the GitHub repository from GitHub's API: <https://api.github.com/repos/{repositoryName}>.

**Display the following data underneath** the counter and style it however you see fit:

- full name (full\_name)
- description (description)
- amount of stars (stargazers\_count)

Handle and display any errors the API might throw, also think about any other potential problems and how you could prevent them.

#### #Extra

Add a loading indication to the application: While new data is being fetched from the API, a loader should be displayed on the page.

It's enough to display a text such as "loading repository", but feel free to get creative!