Coding Challenge

Bundesländer

Please construct an app (using "**index.html**" as a starting point) that uses JavaScript to load data from "bundesland.json."
The loaded data must be rendered in the manner shown in the "bundesland-example.png" example.

Render the list of "Bundesländer" in the desired format.
- ☐ The entire box (for each Bundesland) must be a link with a mouse over effect (see URL in JSON file for each state).
- ☐ As a filter, render a list of letters

Tools and resources
- ☐ You are free to use Angular or React
- ☐ You are free to use any internet resources (StackOverflow etc.)

To render alternative layouts for different browser widths, please utilize CSS:

Browser width > 800px
- ☐ Bundesländer - 3 columns
- ☐ Content MAX width 1024px, can be narrower
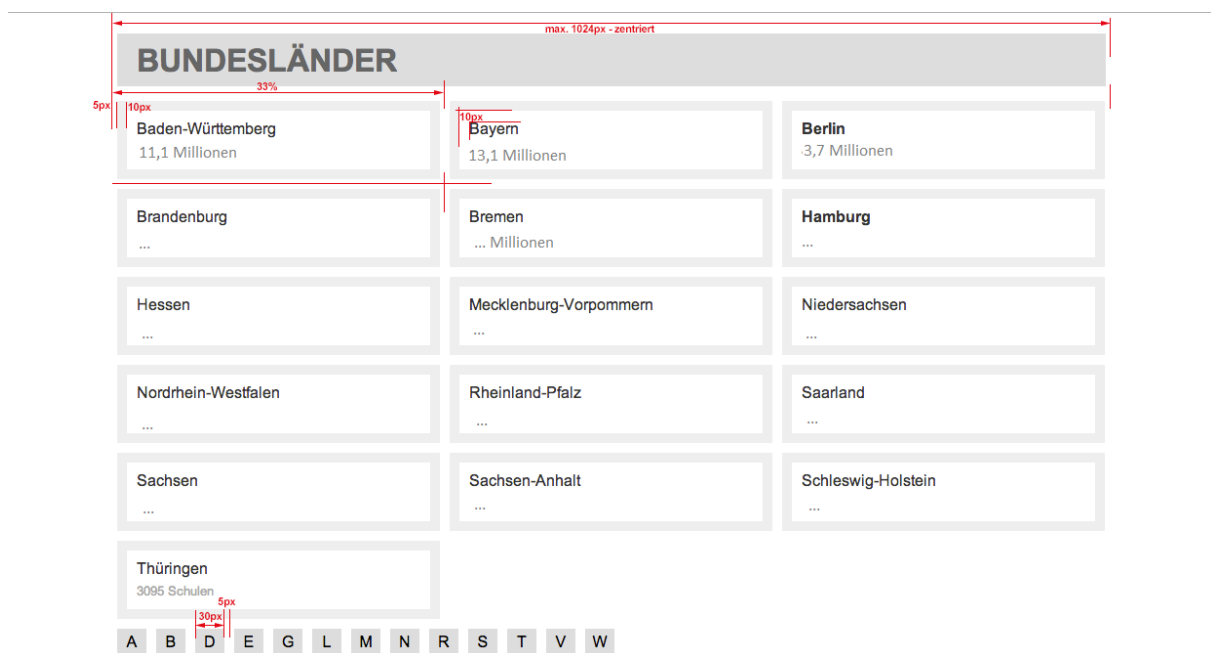- ☐ Content centered

Browser width up to 800px
- ☐ Bundesländer - 2 columns
- ☐ Content width 100%

Browser width up to 500px
- ☐ Bundesländer - 1 column
- ☐ Content width 100%

Please note the different colums count on different browser widths! The "bundesland-dimension.png" is for the 3-column version.

Please keep in mind that various columns count differently depending on the width of your browser!
"bundesland-example.png" is a picture of the country of Germany.

Filter

As a bonus, you might implement a filter.
- Clicking the Letters should filter the results
- E.g.: If you click on the letter **B**, only results starting with the letter **B** should be displayed
- Only available letters should be displayed
- The example-Image shows the wrong letters. Make it right anyway in your task.