DOM

DEADLINE: 16/10/2021

FOLDER STRUCTURE

```
FL17_HW8/ [*]
├── task [**]
├── homework/ [*]
│       ├── external-service.js [*]
│       ├── index.html [*]
│       ├── styles.css [*]
│       ├── app.js [*]
│       └── .eslintrc.js [*]
```

[*] - required
[**] - restricted (no need to submit)

TASK

- Application's header
    - ○ Application's header with the title "Countries Search" should be added at the top of the applicationApplication form
    - ○ Form should consist of two fields
    - ○ "Type of Search" field:
        - ▪ The first field should consist of two radio buttons with labels (By Region, By Language)
        - ▪ Description "Please choose the type of search:" should be added before radio buttons
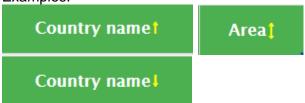
    Please choose type of search: ○ By Region ● By Language

    - ○ Search query field
        - ▪ The second field should be a dropdown (can be used <select>) component.
        - ▪ If in the first field was selected "By region" value the expanded select should consist of possible regions otherwise all possible languages.
        - ▪ Before the dropdown should be description "Please choose search query:"
        - ▪ In case if value is not selected "Select value" should be shown in the dropdown
        - ▪ If value from the first field is not chosen the select should be disabled

- ▪ Please choose search query: Select value ⌄
  - ▪ List of languages and regions you can receive from externalService object. For instance:
    - externalService.getRegionsList(),
    - externalService.getLanguagesList()
- Application table
  - o If the search query is not selected then the label "No items, please choose search query" should be shown instead of the table
  - o Once a user choose search query then a table with results should be shown
    - ▪ Table should consist of 6 columns
      - Country name
      - Capital
      - World region
      - Languages (should be shown all official languages in a country)
      - Area
      - Flag (Should be shown a flag of an appropriate country)
        Can be included with next way: <img src="flagURL">
        The URL can be taken from the countryList
    - ▪ You can receive countryList from externaService module
      - externalService.getCountryListByRegion(query);
      - externalService.getCountryListByLanguage(query);
  - o Sorting
    - ▪ Next to Country Name and Area should be added arrows
    - ▪ Examples:

    Country name↑   **Area↕**

    Country name↓

    - ▪ When a user clicks on the arrow then sorting should be applied in the table.
    - ▪ When up arrow is shown then the rows should be sorted in ascending order
    - ▪ When down arrow is shown then rows should be sorted in descending order
    - ▪ In case double-sided arrow the sorting is not applied with column's criteria
  - o Table design
    - ▪ If the cursor on the row then the row should be highlighted

Country name↑	Capital	World Region	Languages	Area↑	Flag
Switzerland	Bern	Europe	German, French, Italian, Romansh	41284	
Croatia	Zagreb	Europe	Croatian	56594	
Hungary	Budapest	Europe	Hungarian	93028	

- Feel free to use a table's design that you prefer (colors)

RESTRICTIONS

- Editing index.html and external-service.js are forbidden.
- Adding **task/** folder is forbidden. Do not push it to repository. (Only **homework/** folder should be pushed)
- External libraries usage is forbidden

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 **FL17_HW8** folder without **task** folder should be uploaded to GitLab repository "**FL-17**" into **main** branch.

USEFUL LINKS

- https://developer.mozilla.org/uk/docs/Web/API/Document