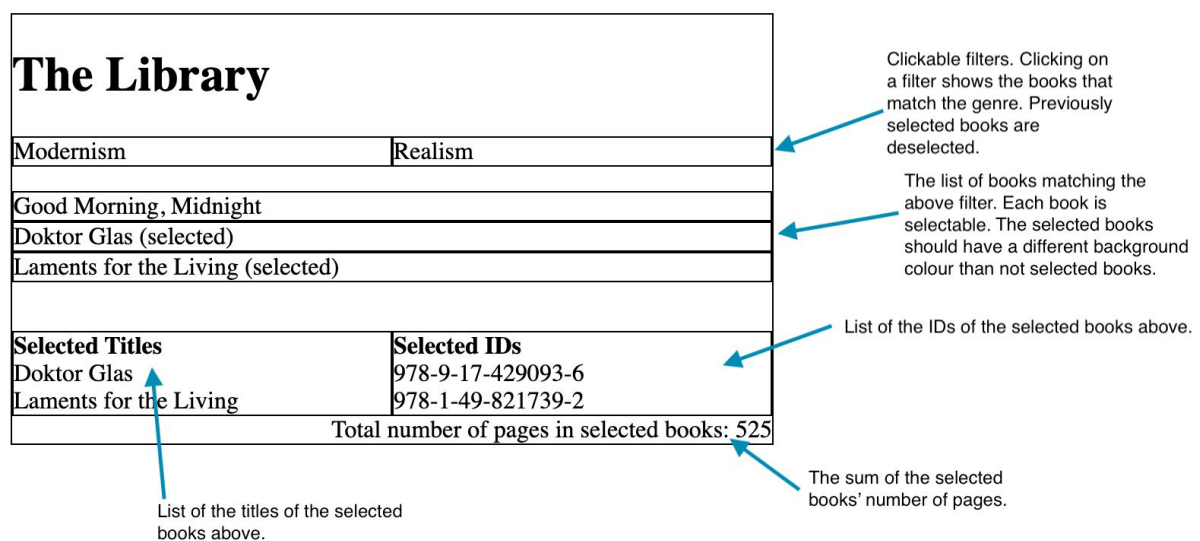


Your task is to create an interface based on a small database of books (see *src/IBook.interface.ts* and *src/bookData.ts*). The interface should display the books matching what has been selected in a genre filter above the books. The books are also selectable, and selected books should be displayed with a different background colour than not selected books. When a filter is selected, books that do not match the filter should be deselected.

The selected books' titles and IDs should be displayed in two columns below the selectable books. Finally, the sum of the number of pages in the selected books should be displayed at the bottom.

Below is a wireframe of the interface (the borders do not need to be in the solution, they are there to clarify the layout):



There are three components already in place: *App.vue*, *BookFilters.vue*, and *SelectableBooks.vue*. These components should not be removed and you should fill them with content. You are free to add as many new components as you see fit in these three components. Create your solution according to your preference of style, architecture, component structure etc.

The solution does NOT need to contain the following:

- Unit tests.
- Folder and file structure. Everything can be under */src*.
- Styling other than layout and what is given in the instructions above.
- If you are not comfortable with Typescript, you can skip it.

To get started:

1. Select *vue* or *vue-class-component* folder depending on your preferred Vue syntax. The *vue* folder if you prefer regular Vue syntax, the *vue-class-component* folder if you prefer Vue Class Component syntax.
2. *npm install*.
3. *npm run serve*. The server will be located at <http://localhost:1111/>.