flaschenpost SE – IT Exercise Task #6
„optimized Web Application for a list of products with a backend"

Create a Web Application that

- acts as a mobile optimized web-page to display products (see mocks below).
- uses the API service described below.
- can switch between two different styles of views as seen in the mocks below via a button at the top bar. The two options are:
  - The *detail view* (default). Which includes Image, Name and Price.
  - The *bottle view*. Which renders only the images (which are all bottles) next to each other.
- offers a button to sort the result by price and toggle ascending and descending order.
- offers a toggle button to filter out beers which are more expensive than 2 euro per litre.

Create a corresponding API service for the backend that

- reads from an URL with JSON-Data a list of product data and produces a ready-to-render set of JSON-Data for the web application.
- has a clear and simple route or URL schema in order to use it
- implements the filter and sort functionality for the features needed by the web application.

You are invited to use and include whatever assets you find from our actual websites (as long as you don't host them publicly) to further style and beautify this project. You may use any tools that you like to accomplish this task, including build/dependency management, IDE/editor, libraries, etc.

We should be able to build and run your project without needing to make any changes to it. Feel free to provide a very simple set of instructions on how to start the project.

The URL for the JSON-Data is the following:

https://flapotest.blob.core.windows.net/test/ProductData.json

Detail view (default)   Bottle View