

## HTML, CSS & Javascript

### Building stuff

#### Books Shop (code name: book-shop)

Your challenge is to build a page that shows a list of books: *id*, *name* and *price*. We will allow the user – a shop owner – to manage the books.

1. Setup your project
  - a. Use a book-service to manage the books
2. Create your Model and show the books in a table. We will use a global variable `gBooks`, and a function `renderBooks()` that will draw the table

Now, let's handle CRUD (Create, Read, Update and Delete)

3. Add an Actions column to the table (something like this :)

## Welcome to my bookshop

[Create new book](#)

Id	Title	Price	Actions		
1	Learning Laravel	18.90	<button>Read</button>	<button>Update</button>	<button>Delete</button>
4	Beginning with Laravel	6.65	<button>Read</button>	<button>Update</button>	<button>Delete</button>
5	Java for developers	7.20	<button>Read</button>	<button>Update</button>	<button>Delete</button>

4. Handle delete - when the button clicked call `onDeleteBook` that will use the service's function `deleteBook(bookId)`
5. Support adding a new book:
  - a. When clicked, call the function `readAndAddNewBook()` that will read (prompt) the details from the user: name and price, then will call a function `addBook(name, price)` that pushes a new book into the `gBooks` model. Then call the `renderTable()` to redraw the table
6. Support updating a book:
  - a. When clicked, call the function: `readAndUpdateBook (bookId)` that will prompt for the book new price and call the service's function

`updateBook(bookId, bookPrice).`

Then Call the `renderTable()` to redraw the table

7. Create a modal: **Book Details**, that shows the details of a selected book including its photo (based on its id)
  - a. When read is clicked, show the modal with details of the selected book.
  - b. Add a rate property for the book, set 0 as default, the rate should be a number between 0 and 10.
  - c. In the Book Details, allow the user to change the rate of the book by clicking a Thumb up or Thumb down buttons.

### Bonus

1. Read the data from the user using an `<input>` instead of prompt
2. Make the header of the table clickable to support sorting by name or price
3. Add paging:

