

Exercise 3 – JavaScript

In this exercise you will add logic to the bookstore on the client-side (frontend).

Skeleton solution

First, have a look at the skeleton solution provided in Skeleton-Solution-JS.zip:

- Part of the skeleton solution is `main.js`, which contains the JavaScript code for our bookstore. To fulfill this exercise, you add missing code in `main.js` and upload the file to Moodle. As always, review your implementation with us during an exercise session.
- Also have a look at the `main.html` file included in the solution. You will find that the `main.html` file is very short, it no longer contains books nor sections (book categories).

Instead, we are going to include content dynamically using JavaScript at the following two locations:

1. The **main** element. It will contain a **section** element for each book category and within the **section** element we will add the **article** element, one for each book.
2. The **ul** element in the aside. This element will contain a list of the books added to the shopping cart by the user.

Note that you can either use your own implementation or use the provided sample solution as a starting point for this exercise. If you use your own code, make sure that the two container elements mentioned above look the same in your solution, or else the provided code skeleton in `main.js` will not work as expected.

The provided skeleton solution does not include `.css` files. If you choose to use this solution as a starting point, you should add your `.css` files from Exercise 2 to it.

Score

There are four tasks that you need to implement to fulfill this exercise. Start by including the skeleton implementation provided in `main.js` in your HTML document. Then implement the four tasks described in detail in `main.js`.

For each of these four tasks implemented correctly you earn **one point**.

Extra point: You will be awarded an extra point if the “Go to top” link is still working correctly after you implemented this exercise, e.g., there is a link at the end of the **main** element or in the **footer**, which, when clicked, will navigate to the beginning of the **main** element