

DWA_08 Discussion Questions

In this module you will continue with your “Book Connect” codebase, and further iterate on your abstractions. You will be required to create an encapsulated abstraction of the book preview by means of a single factory function. If you are up for it you can also encapsulate other aspects of the app into their own abstractions.

To prepare for your session with your coach, please answer the following questions. Then download this document as a PDF and include it in the repository with your code.

1. What parts of encapsulating your logic were easy?

Creating the `createBookPreview` function is simple. It takes a list of books and returns a document fragment. The function loops through each book, creates HTML elements for the book's button, image, title, and author, and uses template literals for easy HTML string creation. Finally, it appends each element to a document fragment. These steps make the function straightforward and easy to maintain.

2. What parts of encapsulating your logic were hard?

Encapsulating the logic in the `createBookPreview` function has a few hard parts. Dealing with missing data, like author IDs, needs careful checking. Adding dynamic data into HTML without errors can be tricky. Making sure the function works well with large datasets might need extra work. Also, ensuring the HTML is accessible to all users, such as adding `alt` text for images, requires attention to detail.

3. Is abstracting the book preview a good or bad idea? Why?

It's a good idea to put the book preview in its own function. This makes it easier to use it again in different parts of the program. If you need to change how the preview looks, you only have to do it in one place. Also, it makes the code easier to understand and test. So, it helps keep things organized and saves time in the long run.
