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.

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1. What parts of encapsulating your logic were easy?

The function takes parameters (‘id, image, title, and author’) which is the information needed to create the book element. This part needed no change.
The function operates at a high level of abstraction. Lower levels are abstracted away, making the function easy to understand and use.
The inline HTML template stayed the same, no modification needed.
The return statement - the function returns the resulting book element.

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2. What parts of encapsulating your logic were hard?

The part that was hard was to consider the reusability. But there was no need for variations in the book preview structure.
Another one that I struggled with was the dependencies. I had to adjust my renderBooksFunction for the code to run again.

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

Yes, because it helps with the reusability. I can now use it in multiple places across the app. It is now very reusable and will be easily employed anywhere.
It makes my app more flexible. It is now possible to customize the rendering of my book preview..
This factory function makes my code more maintainable. Modifications can be made in a central place.

And no, because the book preview is relatively simple and unlikely to be used in various contexts.
