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?

Function Extraction: Encapsulating the book preview functionality involves extracting related code into separate functions. In this case, the code has been divided into two functions: **createPreviewElement** and **displayBookPreviews**.

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2. What parts of encapsulating your logic were hard?

Document Fragment: This was challenging and complex because it uses a document fragment (**fragment**) to efficiently append the created book preview elements before adding them to the DOM; however document fragments were seen as a useful technique for performance optimization.

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3. Is abstracting the book preview a good or bad idea? Why?
Yes,
Encapsulation has proved to be a good practice on the book preview as it helps separate the concerns of creating book preview elements and displaying them. The **createPreviewElement** function is responsible for creating the individual preview elements based on the provided book object, while the **displayBookPreviews** function handles the overall process of iterating through the books, creating the preview elements, and appending them to the container. This separation makes the code more modular and easier to understand.

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