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?

Grouping the document.querySelector calls into a single element object was easy for me. It makes the code more organized, readable, and maintainable. Instead of having multiple document.querySelector calls scattered throughout the code, all of the necessary elements are defined in one place, making it easy to see which elements are being used and how they are being accessed.

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2. What parts of encapsulating your logic were hard?

To identify which parts of the code are responsible for specific tasks, and to determine how to expose only the necessary functions and variables while keeping the internal state and behavior hidden
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3. Is abstracting the book preview a good or bad idea? Why?

Abstracting the book preview by using a function like createButton is a good idea. It simplifies the process of creating a button element for a book preview and makes the

code more readable, maintainable, and reusable. Instead of having to manually create a button element, set its class and attributes, and set its innerHTML every time a new book preview is needed, the createButton function provides a simple interface for creating a button element by taking in the necessary information (id, image, title, author) and returning a fully-formed button element. This abstraction hides the complexity of creating and manipulating DOM elements and makes it easier to understand and work with the code.

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