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?

- **Importing Data**: The code brings in data from another file, like opening a box of information to use.

- **Showing Book Info**: There's a special way to show information about a book. This part of the code keeps track of how to do that.

- **Clicking on Items**: When you click on certain things, something happens. This part of the code watches for clicks and knows what to do when you click on something specific.

- **Looking at the Clicked Thing:** When you click on something, the code checks to see what you clicked on. If it's a special thing, the code knows how to show book information.

- **Changing the Page**: The code can change what you see on the page, like showing pictures and text about a book.

_____

2. What parts of encapsulating your logic were hard?

Separate Data: The code uses information about books directly from another place. It might be better to put the book information in one spot so it's easier to manage.

_____

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

Abstracting the book preview functionality is generally a good idea. Abstracting code involves breaking it down into smaller, reusable functions or components. This has several benefits:

> **Readability and Maintainability**: By abstracting the code, you can give a meaningful name to the function, making it easier to understand what it does. This enhances the overall readability of your codebase. Additionally, if you need to make changes or fix bugs related to book previews, you only need to update the abstracted function rather than searching for the same logic throughout the codebase.
>
> **Future Scalability**: If you plan to expand your application to include more features related to book previews, having an abstracted function can provide a solid foundation to build upon.

_____