

# 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 Encapsulation: Many functions were used to encapsulate specific actions or operations. For example, functions were used to handle form submissions, set themes, and filter book data. This made the code modular and easy to understand.

Variable Encapsulation: Variables were used to store and manage data within specific functions or objects. For instance, the ‘page’ and ‘matches’ variables were used to keep track of the current page and filtered book data, respectively.

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## 2. What parts of encapsulating your logic were hard?

Consistency in Abstractions: The code could benefit from more consistent use of abstractions. For instance, the ‘themeManager’ object encapsulates theme-related logic, but other aspects of the code could potentially be organized into similar abstractions for better modularity.

Error Handling: The code should include error handling mechanisms within the encapsulated logic to deal with unexpected situations gracefully.

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

It is a good idea, abstraction helps improve code maintainability and extensibility. Abstraction allows you to separate the concerns of displaying book previews from the rest of your application’s logic. This separation makes your code more organized and easier to understand. By abstracting book preview, you can reuse the same code and logic in multiple places if needed. For instance, if you have different parts of your

application where book previews are displayed, you can use the same abstraction to render them consistently.

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