

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?

Encapsulating the logic for creating a book preview element using a factory function. The ‘createBookPreview’ function takes in a book object and returns an HTML element structure and content creation process, making it easier to create books previews consistently throughout the application. By encapsulating this logic, you separate the concerns of creating the book preview element from other parts of the code.

2. What parts of encapsulating your logic were hard?

Identifying the appropriate inputs and outputs

Determining the necessary inputs and outputs of the factory function required careful with consideration. It involved understanding the data structure of the book object and the requirements of the book preview element such as the specific properties and the HTML structure needed

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

Yes it is a good idea. It helps with the code modularity and Reusability. Abstraction the book preview allows you to encapsulate the logic into a separate function, promoting code code modularity. This makes it easier to reuse the logic throughout, whenever a book preview needs to be created. You can simply invoke the factory function with different books objects, reducing code duplication and improving maintainability.
