

# 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?

## Authors\_option.js

- **Creating Author Options:** The code has a part that creates a special kind of list item called an "option" for authors. This is put into a separate "function" to make it easier to understand and work with.

- **Filling Author Options:** Another part of the code helps put the author options into a certain area on a webpage. It uses a clever way to do this efficiently. This part is also separated into its own "function."

- **Using Data from Outside:** The code gets information about authors from a different place called "data.js." This keeps things neat and tidy by separating different parts of the program.

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2. What parts of encapsulating your logic were hard?

## ShowMore\_button.js

- **Breaking Things Up:** The code you provided does a good job of showing book previews on a webpage. However, it could be a bit tricky to manage as it gets bigger. One thing that might be hard is that the code mixes up different jobs, like showing the previews and dealing with when someone clicks a button. It's like if you were cooking, and you put all the ingredients for every dish in the same pot. It could be easier to follow if you kept the different jobs separate.

- **Using Important Numbers:** There are some numbers in the code that might be confusing if you don't know where they come from. It's like if you were playing a game, and you had to do certain things every third step, but you didn't know why. It would help if these numbers had names or if there was a note explaining why they are used.

- **Getting the Right Stuff:** The code depends on some information that comes from another place (like a file called 'data.js'). Imagine if you were building a puzzle, and some pieces came from a different box. It might be tough to fit them together if you don't know exactly how they connect.

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

Abstracting the book preview is a good idea in this code because it makes things organized and easier to use. It's like putting the book preview information in a box with a label on it. This helps in using the same preview in different places without copying the same information again and again. It also makes the code easier to understand for

other people who might read it. When you want to change something about the book preview, you only need to change it in one place, which is less confusing than changing it in many places. This way, your code stays neat and easier to work with.

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