

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?

Function and method encapsulation: Defining and encapsulating logic within functions and methods is typically straightforward. By breaking down the overall functionality into smaller, modular units, it becomes easier to understand and maintain the code.

Functions and methods help encapsulate specific logic, making it reusable and isolating it from the rest of the codebase.

Modularization helps in encapsulating and separating logic, promoting code reusability, and improving code maintainability.

Object Literals: Object literals allow you to encapsulate related data and functions within a single object. By defining properties and methods within an object literal, you can group them together and access them using dot notation.

javascript

2. What parts of encapsulating your logic were hard?

Testing and debugging: Encapsulated logic needs to be thoroughly tested to ensure its correctness and robustness. However, encapsulation can introduce additional

complexity to the testing process, especially when dealing with dependencies between different components. Debugging encapsulated logic may also be challenging as issues can be harder to pinpoint due to the abstraction and indirection layers.

Maintenance and evolution: Logic encapsulation should promote code maintainability and ease of future modifications. However, predicting the future requirements and changes in a system can be difficult. Ensuring that encapsulated logic remains flexible, extensible, and adaptable to future needs is a continuous challenge.

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

Good idea: Abstracting a book preview can be helpful in providing a brief summary or overview of the book's main themes, key arguments, and significant points. It allows readers to quickly grasp the essence of the book and decide if they want to explore it further. A well-written abstract can save readers time and help them make informed decisions about whether the book aligns with their interests or needs.
