

DWA_07.4 Knowledge Check_DWA7

1. Which were the three best abstractions, and why?

-CreateButtonElement

This function abstracts the creation of a button element representing a book. It takes a book as input and uses its properties to construct the HTML structure of the button element, including the image and text. It encapsulates the logic for creating the button element and makes the code more readable

-CreateOptionElement

This function abstracts the creation of an option element for a select dropdown. It takes a value and text as input and creates the option element with the corresponding properties. Abstracting the functionality into a separate function promotes code reusability and separates the concerns of making the option element from the rest of the code.

-CreateOptions

It inputs the data object and the container's name (genre or author). It creates the options using the "createOptionElemnt" function and appends them to the appropriate container. This abstraction helps in reducing code duplicates and makes the code more maintainable

2. Which were the three worst abstractions, and why?

3. How can The three worst abstractions be improved via SOLID principles.
