

DWA_07.4 Knowledge Check_DWA7

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

The first one is the HTML Categories Object because it structured every document query selector in order to reduce complexity and repeatedness throughout the code. The second one is the combination of the createPreview and createHTMListItems function because not only was the createHTMListItems function used multiple times throughout the code, the createPreview function was used within the createHTMListItems function to further abstract the functionality and different components within itself. The last one is the create optionsList function because it provides the functionality to create an option list for multiple different objects using one piece of code.

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

The first one is the searchFormHandler function because the for loop and the if else statement should be abstracted and formed into their own functions. The second one is the activeListItemHandler function because the different components included in displaying the active overlay should be abstracted into its own function. The last one is the grouping of the variables, functions, event handlers , event listeners and objects into different files and then displaying them in a more readable order.

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

The searchFormHandler function can be improved by transforming certain code into functions, the activeListItemHandler function can be improved by also transforming certain code into functions and the readability and layout of the code can be abstracted by grouping the different elements of the code into different files and sections.
