DWA_07.4 Knowledge Check_DWA7

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

- The createPreview () is a good abstraction as it encorporates all the data needed to create a preview and the function is a single factory function so the entirety if the processes it encapsulates can be imported into a new file or document if need be.

- The dataSearchForm.addEventListener is a good example of encapsulation many processess into a single main function.

- The dataSettingsForm.addeventListener is a good example of not over-encapsulating.

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

- dataListIetems() is not the most secure functions as even after the return statement data can be modified
- the range() is a bad example as the length can be looped to retrun the same value all the time by an external developer
- the dataSearchForm.addEventListerner is also a good example of over abstraction as it involves a lot of processes

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

The open-closed principle can be used to improved dataList items.
The open-closed principle can be used to improved range().
the single responsibility principle can be used to improve the dataListItems().

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