

# DWA\_07.4 Knowledge Check\_DWA7

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

updateDisplay(**SRP**) - Completes a single task and creates dynamic displays based on input

filterValues(**SRP**) - Completes a single task and creates dynamic displays based on input

Matches - This Array allows for Dynamic display depending on the array it has been assigned to.

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

updateButtonText(**SRP**)- completes 2 tasks, updates the button text and disables the button if applicable

Functionality I would add based on **OCP**:

- Add books to the books Array;
  - Remove the Author and Genre objects
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3. How can The three worst abstractions be improved via SOLID principles.

1. Add a separate function that checks if the button needs to be disabled
  2. Add a function for adding books.
  3. Use a function that uses the Author and Genre keys from the books array to create Author and Genre array.
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