

# DWA\_07.4 Knowledge Check\_DWA7

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

- Creating the html.js file that has all the data-attributes and a function that searches whichever within a object. Why - makes it easier to add more data-attributes later or adding more querySelectors easier.
- The theme selector code snippet. Why - makes adding more themes easier by simply adding a few lines of code without impacting the rest of the code.
- The author/genres search function. Why - makes adding more criteria or removing criteria simple by just changing the object used in the code/

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

- The preview function. Why - hard to single out or group together with similar functions and makes adjusting or modifying it hard to do without having to edit multiple lines of code elsewhere.
- The show more button. Why - its featured a few more times elsewhere in the code 1 for preview, 1 for showing more books, 1 for extending the search amount so changing it has to happen at all the pieces of code and needs to be changed without changing anything in the preview and search code blocks.
- The full preview parameters. -why - it uses many selectors and singling it out or grouping it together would both break the code and its functionality.

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

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