

DWA_01.3 Knowledge Check_DWA1

1. Why is it important to manage complexity in Software?

To make the code easy to read/use for yourself, your colleagues, and anyone who is going to work on the code in the future.

2. What are the factors that create complexity in Software?

- The scale of the project
 - Programming is complex
 - Requirements evolve
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3. What are ways in which complexity can be managed in JavaScript?

- Use programming style guides
 - Document your code and explain what it is doing
 - Write modular code
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4. Are there implications of not managing complexity on a small scale?

Yes there are implications but they do not pose a big threat.

5. List a couple of codified style guide rules, and explain them in detail.

- Using indentations when nesting content
 - Using capital letters when declaring constants
 - Grouping related content
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6. To date, what bug has taken you the longest to fix - why did it take so long?

It took me a whole week to figure out how to add the drag and drop functionality to the kitchen app project(IWA18), it took me longer than expected because I did not know how to use the functions provided and I managed to fix everything by simply reading the documentations associated with each function.
