DWA_01.3 Knowledge Check_DWA1

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

So that when things go wrong we can easily fix them. If you don't structure your code properly it can confuse even you the owner.

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

Lack of proper understanding

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3. What are ways in which complexity can be managed in JavaScript?

Keep programs under control.

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4. Are there implications of not managing complexity on a small scale?

Yes. There are, even the smallest of incorrect code can cause the most catastrophic of events

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5. List a couple of codified style guide rules, and explain them in detail.
*Avoid vague variable names
*Add checks to prevent code from running
*Ensure data is correct before running
*Be more expressive regardless of how long code is
*Ensure all related code is grouped together

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6. To date, what bug has taken you the longest to fix - why did it take so long?

Probably, the Kitchen Express. I am still not sure of some of the concepts that are meant to be in that code. It took so long because I am still confused as to how the handle and toggle function is meant to work, However I am working on it.

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