DWA_01.3 Knowledge Check_DWA1

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1. Why is it important to manage complexity in Software?
It helps me increase the quality of my code

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

Essential, Accidental and Incidental

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

1. Build the max-heap with all the first elements from each list in O.
2. In each step, extract the maximum element of the heap and add it at the end of the output.
3. Add the next element from the list of the one extracted.

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

It will be difficult to understand

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

Indent my code so you can read my code clearly
Add comments to my code so that you can understand
Add comment divider lines to divide my code
Add underscore to variable names to read my variables clearly

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

Event listener function is still a function I am practicing on
I have an issue knowing what to start with

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