DWA_01.3 Knowledge Check_DWA1

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1. Why is it important to manage complexity in Software?
When things go wrong, they can be easily fixed and they can also be picked up at an early stage without causing any error.

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

- Not being specific when when declaring your value
- Not keeping programs under control
- Typing errors
- Calculations

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

- Taking care of all the coding skills and being in control
- Using only a small set of well-understood techniques programs

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

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

- Use single quotes: It helps maintain consistency and readability, making it easier to distinguish strings from other code elements.

- Use 2 spaces for indentation: It improves code readability and ensures consistent formatting throughout the codebase.

- No unused variables: It reduces clutter and improves code clarity by removing unnecessary variables.

- Add a space after keywords: It enhances readability and makes the code easier to understand.

- Add a space before a function declaration's parentheses: It improves code readability and follows common conventions, making it easier to distinguish between function names and function calls.

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6. To date, what bug has taken you the longest to fix - why did it take so long?
Linking my scripts and styles correctly: Because my in mind I knew that styling never often gives me that much of a problem, so I went and looked for the bug in an actual code instead.
