DWA_01.3 Knowledge Check_DWA1

To have clean and readable codes and also to make it easier to identify bugs_____

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

Technical debts and evolving if client request

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

To give variable clear names and to be clear when creating constants types._____

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

Yes, complexity on small scale can also reduce maintainability of code

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

_1. Using named function expression instead of declaration
Function declarations are hoisted which means that it's easy-too easy- to reference the function before it is defined in the file and this harms readability and maintainability.

2.Using destructuring when accessing multiple properties of object
_ Destructuring saves us form creating temppory reference for those properties and from repetitive access of the object._

3.Using const instead of var when naming variables.
This ensures that you can't reassign your references, which can lead to bugs and difficult to comprehend
code_____

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

The bug where i was trying to use the variable i created inside another block scope. Because i though it's possible to use a variable outside of that scope as long as it's blew that scope.
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6. To date, what bug has taken you the longest to fix - why did it take so long?

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