DWA_01.3 Knowledge Check_DWA1

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1. Why is it important to manage complexity in Software?
-so that whoever else comes on later on as a hire or junior developer can easily comprehend what your code does, what makes it work/run and makes it easier for yourself and others to identify errors/bugs in the future.
- make your code more scalable in the the future for later developers in the event that Other software devs can add, edit and modify your codebase.

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2. What are the factors that create complexity in Software?
-structuring of your codebase and size of your scripts.
-correct syntax usage and remaining constant in your script.
-the amount of loops, functions, conditional statements and and number of classes
In your codebase

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3. What are ways in which complexity can be managed in JavaScript?
-write clean code(classy code) have your code be easily readable by your peers or other Developers. Dont over complicate your code or compress too much information together.

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4. Are there implications of not managing complexity on a small scale?
-easier to get bugs in the longterm when you are scaling your codebase into bigger projects. Time management being spent deciphering your over complicated code by the other developers costs both money by the employees

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5. List a couple of codified style guide rules, and explain them in detail.
-keep your indentations in your code for each indentation.
-name your variables correctly and make sure theirs no spelling errors
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6. To date, what bug has taken you the longest to fix - why did it take so long?
-the challenge 10 where you had to change the 1 specific holiday and time
-i could not get toDate() to work and kept getting undefined in the console

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