

DWA_01.3 Knowledge Check_DWA1

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

The reason why it is important is that it is easier maintained and your code quality improves productivity in coding and also that it checks in a managing place.

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

Size
Functionality
Quality of the code
Security reasons
Scalability
Manage of Coding

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

Modular - easy to reuse
Type and Shapes of Code
Style Guide
Abstraction - Keeps code manageable
Add Comments
Make code more reasonable
Clarity to your code
Clearer in naming constants

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

No, there aren't a lot of implications. It get lot of complexity when it a bigger scale of coding that we need to manages

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

Paragraphs - Meaning do we use long paragraphs or short paragraphs when we code.

Commas - Do we indicate lots of commas in our code or do we not.

Dashed - Like do we add lots of dashes when we code.

Comments - Comments are critical to writing good code examples like single-line comments or multi-line comments.

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

I wont say a bug but what taking me the longest is to figure the code out and where everything must go - basically the reading of code take the longest for me
