

DWA_01.3 Knowledge Check_DWA1

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

Complexity can lead to more bugs and reduced functionality. Learning about software complexity can help improve code quality and make it less prone to bugs.

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

the size of the codebase, the number of modules and dependencies, the depth of nesting and inheritance, and the use of complex algorithms and data structures.

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

Break your code into smaller, independent modules. Each module should have a specific responsibility, making it easier to understand and maintain.

Add clear and concise comments to explain complex or non-intuitive sections of your code.

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

even on a small scale, the implications of not managing complexity can negatively impact the overall quality, maintainability, and sustainability of your JavaScript code.

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

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

Fixing all the syntax errors , because at the time I was not too familiar with all the syntax so it was difficult to tell which function is an actual function or an **error**.
