# DWA\_01.3 Knowledge Check\_DWA1

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

To make code readable and easy to manage

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

Bad documentation, naming conventions

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

Following a style guide can help such as the airbnb style guide.

Good documentation and naming conventions

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

Yes, it can make the code unreadable which in turn would take time for a person to understand the code again. Meaning it can affect productivity

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

Airbnb javascript style guide

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

Filter option for a user, naming conventions and not having a clear path

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