

DWA_04.3 Knowledge Check_DWA4

1. Select three rules from the Airbnb Style Guide that you find **useful** and explain why.

1. **Never reassign parameters** - because Reassigning parameters can lead to unexpected behavior, especially when accessing the arguments object. It can also cause optimization issues.

2. **Disallow unused variables** - Variables that are declared and not used anywhere in the code are most likely an error due to incomplete refactoring. Such variables take up space in the code and can lead to confusion by readers.

3. **Variables, classes, and functions should be defined before they can be used** - When variables, classes, or functions are declared before being used, it can harm readability since a reader won't know what a thing that's referenced is. It's much clearer for a reader to first encounter the source of a thing (whether imported from another module or defined in the file) before encountering a use of the thing.

2. Select three rules from the Airbnb Style Guide that you find **confusing** and explain why.

1. **Don't use iterators** - This enforces our immutable rule. Dealing with pure functions that return values is easier to reason about than side effects.

2. **Use computed property names when creating objects with dynamic property names**
- They allow you to define all the properties of an object in one place.

3. **Use object destructuring when accessing and using multiple properties of an object**
- Destructuring saves you from creating temporary references for those properties, and from repetitive access of the object. Repeating object access creates more repetitive code, requires more reading, and creates more opportunities for mistakes. Destructuring objects also provides a single site of definition of the object structure that

is used in the block, rather than requiring reading the entire block to determine what is used.
