DWA_04.3 Knowledge Check_DWA4

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

- 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 before encountering a use of the thing.]

- Don't use iterators. Prefer JavaScript's higher-order functions instead of loops like for-in or for-of.
  [This enforces our immutable rule. Dealing with pure functions that return values is easier to reason about than side effects.]

- 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.]

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

- Use shortcuts for booleans, but explicit comparisons for strings and numbers.

- When programmatically building up strings, use template strings instead of concatenation.
  I do not understand what template strings are.

- Use object destructuring when accessing and using multiple properties of an object.

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