

# 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.

1. Use `const` for all of your references; avoid using `var`. This ensures that you can't reassign your references, which can lead to bugs and difficult to comprehend code.
  2. If you must reassign references, use `let` instead of `var`. `let` is block-scoped rather than function-scoped like `var`.
  3. 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.
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2. Select three rules from the Airbnb Style Guide that you find **confusing** and explain why.

1. Methods can return `this` to help with method chaining. The value of `this` is determined dynamically based on how a function is called, rather than being bound at the time of function definition. This dynamic nature of `this` can lead to unexpected behavior, especially in certain contexts or when using callbacks or event handlers.
  2. Only quote properties that are invalid identifiers. The convention of quoting properties can appear inconsistent, especially to developers who are new to JavaScript or coming from programming languages with different rules. It requires distinguishing between when quotes are necessary and when they are not, based on the validity of the identifier.
  3. Use `Array.from` for converting an array-like object to an array. In JavaScript, arrays and array-like objects have similar characteristics but behave differently in certain scenarios. Array-like objects lack some of the methods and properties that arrays possess. This distinction can lead to confusion when trying to determine if a particular object should be treated as an array or an array-like object.
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