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.

5.1 Use object destructuring when accessing and using multiple properties of an object. eslint: `prefer-destructuring`

Why? 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.

15.8 When mixing operators, enclose them in parentheses. The only exception is the standard arithmetic operators: `+`, `-`, and `**` since their precedence is broadly understood. We recommend enclosing `/` and `*` in parentheses because their precedence can be ambiguous when they are mixed. eslint: `no-mixed-operators`

Why? This improves readability and clarifies the developer's intention.

6.3 When programmatically building up strings, use template strings instead of concatenation. eslint: `prefer-template` `template-curly-spacing`

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

7.2 Wrap immediately invoked function expressions in parentheses.
Why? An immediately invoked function expression is a single unit - wrapping both it, and its invocation parens, in parens, cleanly expresses this. Note that in a world with modules everywhere, you almost never need an IIFE.

24.2 Do not use JavaScript getters/setters as they cause unexpected side effects and are harder to test, maintain, and reason about. Instead, if you do make accessor functions, use `getVal()` and `setVal('hello')`.

25.1 When attaching data payloads to events (whether DOM events or something more proprietary like Backbone events), pass an object literal (also known as a "hash")

instead of a raw value. This allows a subsequent contributor to add more data to the event payload without finding and updating every handler for the event.

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