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' or 'let' for variable declaration; avoid using 'var' - This rule promotes the use of block-scoped variables (const and let) over function-scoped variables (var). Block-scoped variables provide better control over variable scope, reduce the risk of accidental reassignment, and align with modern JavaScript practices.

2. Leave a blank line after blocks and before the next statement - Is useful in terms of Visual separation of code blocks; it visually separates different sections of code. This separation enhances readability by making it easier to identify the boundaries and logic flow of individual blocks. It helps developers quickly scan and understand the structure of the code.

3.Use array destructuring - Array destructuring allows you to extract values from arrays into individual variables, making it easier to work with arrays. This rule suggests using array destructuring to improve code clarity and avoid unnecessary array indexing.

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2. Select three rules from the Airbnb Style Guide that you find **confusing** and explain why.
1.Disallow switch statements - This rule suggests avoiding switch statements due to their potential for complex control flow and lower readability. However, switch statements can be useful in certain scenarios, such as handling multiple cases with shared behavior or implementing lookup tables.

2.Disallow unnecessary escape characters - This rule can be confusing because it discourages the use of unnecessary escape characters in strings. While it is generally good practice to avoid unnecessary escapes, there may be scenarios where intentional escapes are needed for special characters or specific requirements.

 3.Use a leading underscore _ when naming private properties - This rule suggests using a leading underscore to indicate that a property is intended to be private. However, it's important to note that JavaScript doesn't have true private properties or encapsulation.

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