# 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.**

- **Use meaningful and pronounceable variable names**

   This rule makes the code more readable and understandable for humans. It also helps avoid confusion and errors when working with other developers or debugging the code.

- **Use functional components over class-based components**

   This rule follows the React Hooks API, which simplifies the logic and state management of components. It also reduces the boilerplate code and improves the performance and reusability of components.

- **Always use prop-types to define the shape of props passed to a component**

   This rule helps validate the data types and requirements of props at runtime. It also documents the component's interface and makes it easier to maintain and test.

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

- **Use object destructuring when accessing and using multiple properties of an object** This rule may be confusing because it requires a different syntax than the usual dot notation, and it may not be clear why it is beneficial or consistent.
- **Use camelCase when naming objects, functions, and instances** This rule may be confusing because it contradicts some common conventions in JavaScript, such as using snake_case for constants or PascalCase for constructors.

- **Do not use underscores to prefix or suffix internal or private methods in a React component** This rule may be confusing because it goes against a common way of indicating that a method is not part of the public API of a component, and it may not be obvious how to distinguish internal methods from external ones.

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