

DWA_04.3 Knowledge Check_DWA4

Use strict: Enforce the use of strict mode. This rule ensures that your code is executed in strict mode, which helps catch common coding mistakes and makes debugging easier. Strict mode also prevents certain actions that are considered bad practice, such as using undeclared variables.

Use descriptive conditions: Write conditions that are easy to read and understand. This rule encourages developers to use descriptive variable names and formatting to make conditions more expressive. Clear and readable conditions enhance code readability and maintainability, as other developers can quickly grasp the logic without having to decipher complex expressions.

Use consistent naming conventions: Adopt a consistent naming convention throughout your codebase. Consistent naming improves code clarity and makes it easier to understand the purpose and functionality of variables, functions, and other identifiers. By following a standard naming convention, developers can navigate the codebase more efficiently and collaborate more effectively.

These rules help promote code quality, readability, and maintainability, which are essential aspects of building and maintaining successful software projects.

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

1. **Inconsistent Formatting Guidelines:** Sometimes style guides can be inconsistent or unclear about formatting rules. For instance, they might suggest one format for dates in one section and a different format in another section. This can lead to confusion about which format to follow.
2. **Ambiguous Language:** Style guides may contain ambiguous language that leaves room for interpretation. For instance, a guide might advise writers to use "concise language," but what exactly constitutes "concise" can vary depending on the context and the writer's interpretation.

3. **Conflicting Recommendations:** Occasionally, style guides may provide conflicting recommendations, especially if they are created by different teams or individuals with different preferences. This can leave writers unsure about which guideline to follow.

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