

DWA_04.3 Knowledge

Check_DWA4

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

- 2.1 "Use `const` for all of your references; avoid using `var`" This can prevent issues related to variable hoisting.
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- 15.1 "Use `===` and `!==` over `==` and `!=`." Strict equality compares both value and type which helps prevent unintended type coercion issues that could present where loose equalities are used. Reduces the likelihood of subtle bugs.
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- 23.1 "Avoid single letter names. Be descriptive with your naming" Clear and descriptive variable names make the code more self documenting and easier for other developers to understand. Improves readability.

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

- 6.1 "Use single quotes `' '` for strings." I prefer using double quotes where possible. I don't see why or how it has any effect on code readability.
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- 13.6 "Avoid using unary increments and decrements (`++`, `--`)" These operators are concise and widely accepted for incrementing and decrementing values. It is a well-understood javascript feature so I don't see why it is discouraged.
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- 15.7 "Avoid unneeded ternary statements."

```
// bad
```

```
const foo = a ? a : b;  
const bar = c ? true : false;  
const baz = c ? false : true;
```

```
// good
```

```
const foo = a || b;
```

```
const bar = !!c;  
const baz = !c;
```

The “bad” version is far more readable and clear than the “good” version.
