DWA_04.3 Knowledge Check_DWA4

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

RULE#1

2.1 Use `const` for all of your references; avoid using `var`. eslint: `prefer-const`, `no-const-assign`

Why? This ensures that you can't reassign your references, which can lead to bugs and difficult to comprehend code.

// bad
var a = 1;
var b = 2;

// good
const a = 1;
const b = 2;

If you want the value not be changed you use const so using var may cause unintended bugs like redeclaring something

RULE#2

17.1 In case your control statement (`if`, `while` etc.) gets too long or exceeds the maximum line length, each (grouped) condition could be put into a new line. The logical operator should begin the line.

Why? Requiring operators at the beginning of the line keeps the operators aligned and follows a pattern similar to method chaining. This also improves readability by making it easier to visually follow complex logic.

Everything becomes neat and i don't get lost on my code.It will be organized

RULE#3

[23.1](#) Avoid single letter names. Be descriptive with your naming. eslint: `id-length`

```
// bad
function q() {
  // ...
}

// good
function query() {
  // ...
}
```
Being descriptive helps a lot when you have to revisit your ,it will be very easy to know the exact area to fix ,But if you don't describe your variables ,functions etc on what they do exactly it maybe difficult to identify them later

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

RULE#1

[6.1](#) Use single quotes `''` for strings. eslint: `quotes`

```
// bad
const name = "Capt. Janeway";

// bad - template literals should contain interpolation or newlines
const name = `Capt. Janeway`;

// good
const name = 'Capt. Janeway';
```

I understand that template literals require interpolation but in terms of single / double quotes that is where i am confused because as far as i know,Javascript accepts single & double quotes but according to the guidelines double quotes are "bad"

RULE#2

16.1 Use braces with all multiline blocks. eslint: `nonblock-statement-body-position`

```
// bad
function foo() { return false; }

// good
function bar() {
  return false;
}
```

To be honest i think the first line is more clearer and cleaner

RULE#3

10.10 Do not include JavaScript filename extensions eslint: `import/extensions`

```
// bad
import foo from './foo.js';
import bar from './bar.jsx';
import baz from './baz/index.jsx';

// good
import foo from './foo';
import bar from './bar';
import baz from './baz';
```

I've had a lot of problem when i dont put .js extension on my imported files because they are not read by the browser