

DWA_04.3 Knowledge Check_DWA4

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

1. **Using `const` or `let` declaration per variable or assignment.**

This might seem like a simple one but there are a lot of times where giving a `const` or `let` declaration to a variable helps me see what can and cant be changed when going through code. Example:

```
const items = getItems();
const goSportsTeam = true;
let dragonball = 'z';
```

With each variable being given a declaration I can see that `dragonball` CAN be changed and `items` cannot be changed as it's a constant variable.

2. **Naming conventions go a long way: Acronyms and initialisms should always be all uppercased, or all lowercased.**

For example:

```
const httpRequests = [ ]
const SMSContainer = [ ]
```

There is going to be lots of acronyms i feel in the workplace and making sure our variables have a good naming convention is important

3. **When programmatically building up strings, use template strings instead of concatenation**

I mean there isnt a hell of alot to say about this one, you can create much easier To read and much more dynamic strings with template strings than if you were To use concatenation. Example:

Bad:

```
'How are you, ' + name + '?'
```

Good:

```
`How are you, ${ name }?`
```

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

1. Never name a parameter “arguments”. This will take precedence over the arguments object that is given to every function scope.

The arguments parameter i didn't understand had its own function which you can call in JS by itself example:

```
arguments[0]; // first argument
arguments[1]; // second argument
arguments[2]; // third argument
```

The arguments function has the ability to be used when there is a variable number of arguments being passed into a function called a Variadic Function

2. Use property value shorthand example:

```
const lukeSkywalker = 'Luke Skywalker';
```

```
// bad
const obj = {
  lukeSkywalker: lukeSkywalker,
};
```

```
// good
const obj = {
  lukeSkywalker,
};
```

What confuses me is that this use of shorthand makes it harder for me to read and I believe that comes with inexperience.

I feel if this was my code i would rather get rid of the const value above and rewrite the object as:

```
const obj {
  firstName: 'LukeSkywalker',
}
```

This way if i had an object that is to grow and use less const declarations around my code.

3. Additional trailing comma

I remember asking when we first started doing objects do we put a comma at the end of the last entry and I distinctly remember being told it doesn't matter. But now I find it's not good practice. Example:

Bad:

```
const hero = {  
  firstName: 'Dana',  
  lastName: 'Scully'  
};
```

Good;

```
const hero = {  
  firstName: 'Dana',  
  lastName: 'Scully',  
};
```
