

# 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.

1. Re: Types. *"Primitives: When you access a primitive type you work directly on its value."* and *"Complex: When you access a complex type you work on a reference to its value"* I understand the difference between accessing primitive data and complex data. Knowing that when I access a complex type, I am working on a reference to its value, I can avoid reassigning values to variables when I did not intend to
2. Re: Strings. *"When programmatically building up strings, use template strings instead of concatenation."* It is easier to read and type out, as opposed to the rather cryptic looking concatenation.
3. Re: Arrays. *"Use array spreads ... to copy arrays"*. It is simply much more concise than the multiline iterative method.

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

1. Re: Objects: *"Use computed property names when creating objects with dynamic property names"*

I don't understand what is meant by computed property names. That is probably why I don't understand the bold line of code in the example given:

```
function getKey(k) {...  
  ....}  
  
// bad  
const obj = {...  
  obj[getKey('enabled')] = true;
```

```
// good
const obj = {...
  [getKey('enabled')]: true,
};
```

2. Re: Functions. *"Use named function expressions instead of function declarations."* I do not fully understand the reason behind this recommendation, which includes concepts such as hoisting. For this reason I may be not sure when to avoid or when i need to use function declarations.
  3. Re: Classes & Constructors: *"Always use class. Avoid manipulating prototype directly"*. I haven't fully grasped the use of classes, constructors and the this keyword. For this reason I keep forgetting how to make use of constructors.
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