

DWA_04.3 Knowledge Check_DWA4

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

Arrow Function Parentheses :

It's useful because it improves code consistency, readability and makes the code short.

```
const foo = (x) => x * 2;
```

Object Shorthand:

Helps to write cleaner code and eliminates redundancy. It makes it easier to read and understand the object's properties.

```
const num = {  
  x,  
  y: 20,  
};
```

No Unused Variables:

Helps in maintaining code cleanliness and preventing unnecessary clutter. It ensures that variables are only declared when they are actually needed, promoting better code quality.

```
// Bad  
const x = 10;  
const y = 20;  
console.log(x);
```

```
// Good  
const x = 10;  
console.log(x);
```

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

No-else-return:

It's confusing because it implies that having an else clause after a return statement is always undesirable.

```
// Bad
function tan(condition) {
  if (condition) {
    return x;
  } else {
    return y;
  }
}
```

```
// Good
function tan(condition) {
  if (condition) {
    return x;
  }
  return y;
}
```

Disallow Reassignment of Function Parameters:

It's confusing because it goes against the output that function parameters can be treated as regular variables within the function .

```
function myFunction(param) {
  param = 'new value';
}
```

No Multi Spaces:

Can be confusing sometimes because it doesn't differentiate between spaces used for alignment and those used for indentation

```
// Bad
const x  = 10;
const y = 20;
```

```
// Good
const x = 10;
const y = 20;
.
```
