

DWA_04.3 Knowledge Check_DWA4

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

(5.1) Use object destructuring when accessing and using multiple properties of an object.

- Destructuring saves you from creating temporary references for those properties, and saves you from repetitive code.

(13.6) Avoid using unary increments and decrements (++ , --)

- Unary increment and decrement statements are subject to automatic semicolon insertion and can cause silent errors with values within an application
- Instead of (num++) use (num += 1)

(18.4) Prefixing your comments with FIXME or TODO helps other developers quickly understand if you're pointing out a problem that needs to be revisited, or if you're suggesting a solution to the problem that needs to be implemented.

- This is good practice as it allows developers to keep track of the work they are doing instead of making mental notes on what needs to be fixed.
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2. Select three rules from the Airbnb Style Guide that you find **confusing** and explain why.

(4.3) Use array spreads ... to copy arrays

- Confused about the for...loop

// bad

```
const len = items.length;
```

```
const itemsCopy = [ ];
```

```
let i;
```

```
for (i = 0; i < len; i += 1) {  
  itemsCopy[i] = items[i];  
}
```

// good

```
const itemsCopy = [...items];
```

(9.1) Always use class. Avoid manipulating prototype directly.

// bad

```
function Queue(contents = []) {  
  this.queue = [...contents];  
}
```

```
Queue.prototype.pop = function () {  
  const value = this.queue[0];  
  this.queue.splice(0, 1);  
  return value;  
};
```

// good

```
class Queue {  
  constructor(contents = []) {  
    this.queue = [...contents];  
  }  
  pop() {  
    const value = this.queue[0];  
    this.queue.splice(0, 1);  
    return value;  
  }  
}
```

