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.

    a. Use object destructuring when accessing and using multiple properties of an object.
- E.g. function getFullName ({ firstName, lastName }) {
  return `${firstName} ${lastName}`
  }
- I find this useful because destructuring saves you from creating temporary references   for those properties, and from repetitive access of the object , which makes the code long and creates more opportunities for mistakes.

    b. Group your shorthand properties at the beginning of your object declaration.
- E.g. const obj = {
  lukeSkywalker;
  anakinSkywalker;
  episodeOne: 1;
  episodeThree: 3;
  mayTheFourth: 4;
  }
- I find this useful because it's easier to tell which properties are using the shorthand and which are not.

    c. Use array spreads (...) to copy arrays.
- E.g. const itemsCopy = [...items];
- This is helpful when you want to manipulate an array without modifying The original.

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

a. Don't use iterators. Prefer JavaScript higher-order functions instead of loops like for-in or for-of.
   - E.g. const increasedByOne = numbers.map((num) => num + 1);
   - I don't understand how using higher-order functions like the one above Is better than using for-in or for-of loops as I find for-in and for-of loops easier to understand and more readable.

b. Always use class. Avoid manipulating prototypes directly.
   - E.g. class queue{
     constructor (contents = [ ]){
     this.queue.splice(0,1);
     return value
       }
     }
   - I do not understand classes.

c. Do not use wildcard imports.
   - // bad
     import * as AirbnbStyleGuide from './AirbnbStyleGuide';

     // good
     import AirbnbStyleGuide from './AirbnbStyleGuide';

- I do not understand the difference between the two methods or how using import AirbnbStyleGuide from './AirbnbStyleGuide'; is better than using import * as AirbnbStyleGuide from './AirbnbStyleGuide';

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