

Keet Health Coding Challenge

Write a class called `Copier` which copies the given argument. The solution should be written in Javascript.

- You should be able to initialize the class using `new`
- The class should take 1 argument.
- The argument will be a value of type string, integer, or object, which can be a plain object or an instance of Array.
- If no argument is given, the argument should default to `undefined`
- The class should implement a method `get()`, which returns the original object after 1 second.
- `get()` should return a Promise
- The class should implement a method `delete()`, which throws an Error object after 2 seconds with the message Cannot delete!
- `delete()` should return a Promise
- The class should implement a method called `copy()`.
- If source value is an object, it should return a deep copy of the original object.
- `copy()` method should iterate over the source object recursively.

Example Code:

```
const src = 'a';
const copier = new Copier(src);
const dest = copier.copy();
// => a
const src = { a: 'b', c: { d: 'e', f: ['g', { h: 'i' }] } };
const copier = new Copier(src);
const dest = copier.copy();
// => { a: 'b', c: { d: 'e', f: ['g', { h: 'i' }] } }
dest === src;
// => false
```

Submitting

- Create a separate file called `copy.js` that uses the class that you've written, and write a few lines demonstrating each method
- Create a README file that contains instructions on how to run your code.
- Package up your files into a GitHub repository and provide the link to the repo.

Requirements and Comments

- Do not use a utility library such as `lodash`.
- If the source value is an object, the resulting value should not equal the source.
- Above instructions specified Promise, but you are free to use either the class or `async/await` syntax.

Additional Notes

- We just want to see how you code, so this exercise is not meant to be too hard or take too long.
- If you spend more than an hour on this, stop coding and finalize by adding some notes in the included README about what you would do if you had more time.