

## Corey Gumbs - JavaScript Sprint

1. Describe the biggest difference between `.forEach` & `.map`.

The difference of `.forEach()` & `.map` is that `.map()` creates an “array like” object containing the specified array elements. `forEach` will just list out each array element individually.

2. What is the difference between a function and a method?

A method is a function that is apart of an object, a function is a code block that executes commands.

3. What is closure?

Closure is when variables scopes are accessible within the context of a function or function within a function.

4. Describe the four rules of the 'this' keyword

The four rules of 'this' key word are:

**Global Binding or Window Binding** - when its a global scope, this will refer to the `window.object`.

**Implicit Binding** - the object to the left of the “dot” in a function call is what 'this' refers to.

**Explicit Binding** - uses the `apply`, `call`, `bind` methods. Use of this immediately binds this to the objects being called on.

**New Binding** - 'this' refers to an instance that is created of an object that is or contains a constructor function. .

5. Why do we need `super()` in an extended class?

We need `super()` in an extended class so that the class can inherit the parent's class properties for use in the extended class.