Day 7 #60DaystoFullStack

Article of the Day: **Object Oriented Programming in JavaScript**

Vocabulary: this, constructor, instance, object;

This article from reputable tutorial hub, scotch.io, speaks about the usage of object oriented programming in JavaScript.

Summary: Object Oriented Programming(OOP) in JavaScript is slightly different than other programming languages. It is a way to simplify longwinded code, but created something called an Object, and passing variables through them, just like any other function. We use “this” to reference the object, and things called methods and properties to construct the new function.

Topic of the Day: Creating individual objects from a common object

Lets Says We have want to create a human. We would make a object called human with relevant variables.

const human = {

firstName: 'Zell'

lastName: 'Liew',

age: 29,

sayName () {

console.log(`I am Zell Liew`)

}

}

human.sayName() // I am Zell Liew

But what if we want a second human? We would likely have to go through the same thing but now with variables for new person.

const human2 = {

firstName: 'Vincy',

lastName: 'Zhang',

age: 28,

sayName () {

console.log(`I am Vincy Zhang`)

}

}

Object Oriented Programming allows for the “instance” of a human to be created used a “constructor function”

function Human (firstName, lastName, age) {

// Note: Don't worry about 'this' yet. You'll understand it later. Follow along for now.

this.firstName = firstName

this.lastName = lastName

this.age = age

this.sayName = function () {

console.log(`I am ${firstName} ${lastName}`)

}

}