





# Welcome to JavaScript part deux

(oh yeah!)



# Let's Recap

- Java and JavaScript are different (important to know for googling reasons)
- JavaScript is a programming language used in browsers
- Based around HTML & CSS
- Makes webpages fancy
- Can't make tacos or babies with it (that we've tried)



So, like.... what it look like again?





# Data Types - String

```
// Strings
```

```
"Hello, People"
```

```
"taco"
```

```
"OMG! Look at all the things I can do... 234523$%@$%"
```

```
"1-21-1982"
```

```
"702-555-1212"
```

```
"@hipsterhackers"
```

```
"no-reply@hipsterhackers.com"
```

```
"82yr old"
```

```
"98 degrees"
```

```
"You can't do that on television"
```



# Data Types - Number

```
// Numbers
```

```
1
```

```
-45
```

```
386745
```

```
0.01
```

```
3.1415926
```



# Variables

// Variables. A way to store a value for later use

```
var x = 1;
```

```
var person = "Jeremy";
```

```
var email = "something@something.co";
```

```
var birthday = "7-4-1775";
```

```
var ssn = "123-45-6789";
```

```
var phone = "(702) 123-1234";
```

← End the line with ;

Variable value

Assignment operator

Variable name

keyword to define a variable



So, like.... is that it?









# Data Types - Array

```
// Arrays
```

```
[] // empty array
```

```
[1, 2, 3, 4]
```

```
["a", "b", "c", "d"]
```

```
["Jeremy", "Russ"]
```

```
[1, "burger", 10, "tacos", 4, "large drinks"]
```

```
[[], [1234], ["billy", []]]
```

Separated by comma



Left square bracket



Right square bracket



Arrays are collections of data. Think of it like a bucket!



# Uses for an array

- list of people
- list of names
- list of dates
- list of links
- list of html divs (ohh... clicking yet?)



# Data Types - Object

```
// Objects
{} // empty object
{"name": "Jeremy", "age": 33, "occupation": "Doer"}
{"numbers": [1, 2, 3], "letters": ["a", "b", "c"]}
{"version": 1.1, "title": "Cool App", "platforms": ["ios",
"android"]}
[{"language": "JavaScript"}, {"language": "Ruby"}]
{"id": "wrap", "class": "span12"}
{"color": "white", "font-size": "12px", "padding": "5px"}
```

Left curly brace

Right curly brace

A collection of key/value pairs. Similar to html attributes, and css properties!



# Uses for an object

- list of a person's attributes
- list of html attributes with their values
- list of css properties
- Configuration settings



# Data Types - Boolean

```
// Boolean
```

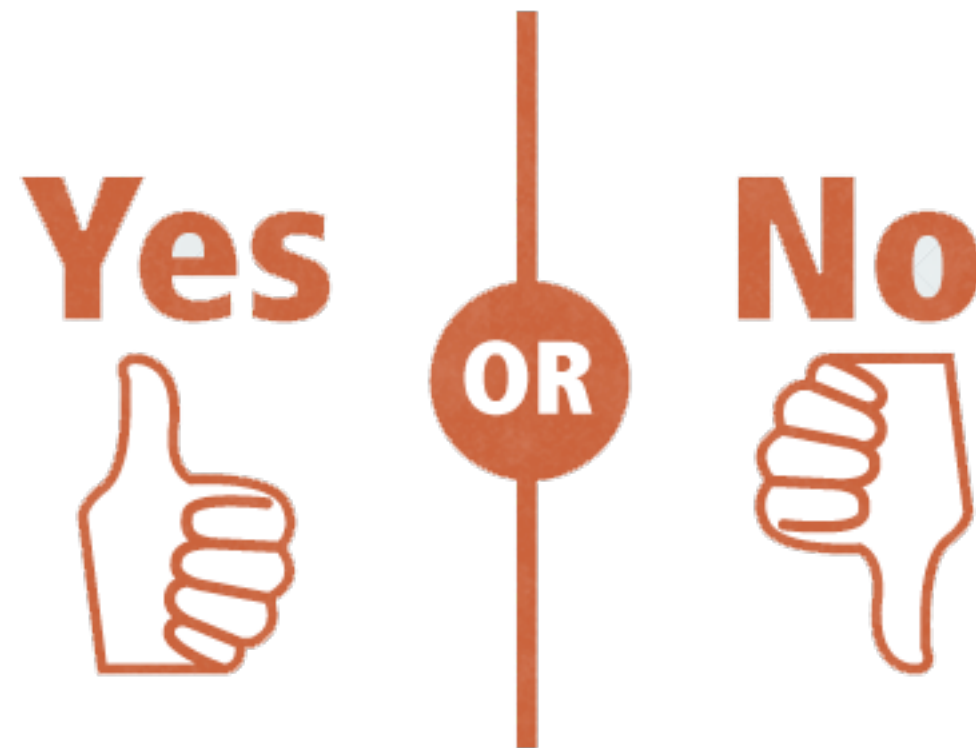
```
true
```

```
false
```

Yup, that's it. Only 2 booleans. true and false. yes, or no. this or that. 0 or 1. You get the point.



# Uses for a boolean



- Asking a yes/no question
- Setting something with an on/off property
- Anything where there's only 2 possible choices like "Hungry?"



What the what?







# Conditionals

```
// if statements
```

```
var i_am_hungry = true;
```

```
if(i_am_hungry) {
```

```
    // get food to eat
```

```
} else {
```

```
    // don't get food
```

```
}
```

If keyword

Anything that is truthy

```
if ( conditional ) {
```

```
}
```

Left parenthesis

Right parenthesis



# “Truthy” conditions

- true
- any number except 0
- any array or object
- any non-empty string
- anything not “falsey”



# “Falsey” conditions

- false
- 0
- null
- undefined
- “”



So, like... this is some real ish?





# Questions?

! ? ?