JavaScript

- first class functions
- numbers/strings/booleans
- objects
  - prototypes
Prototypes vs "simple objects"

3 separate ideas
- object creation
- object behavior
- method resolution

"functions with multiple entry points"

0.x

(o "x" (l))

inheritance via classes
let b = { greet: () => { name: Ben } }, s = { greet: () => { name: Shriram } }
b. greet = s. greet
b. leave = s. leave
b. greet () → Does b have "greet"?
Does b."."--proto--"." have "greet"?
Call that on b.
Building objects

- literals: \{ x: 5, y: function() \{ \ldots \} \}

- constructor functions

```javascript
x = new Foo()

function Foo() {
    this.name = "a Foo";
}
```
A Foo

`aFoo = new Foo()`

`aFoo.__proto__ = Foo.prototype`

`"proto foo"`