

Using JavaScript Classes



Jim Cooper

Software Engineer

@jimthecoop | jcoop.io



What is Object-oriented Programming?



Course Introduction



Jim Cooper

Software Engineer

@jimthecoop | jcoop.io

**What is
Object-oriented
Programming?**



Understanding JavaScript Prototypes



Jim Cooper
Software Engineer
@jimthecoop | jcoop.io

Using JavaScript Constructor Functions



Jim Cooper
Software Engineer
@jimthecoop | jcoop.io

Inheritance with Constructor Functions and Prototypes



Jim Cooper
Software Engineer
@jimthecoop | jcoop.io



```
class Person {  
  firstName;  
  lastName;  
  age;
```

```
  constructor(firstName, lastName, age) {  
    this.firstName = firstName;  
    this.lastName = lastName;  
    this.age = age;  
  }  
}
```

```
let jim = new Person('Jim', 'Cooper', 29);
```

1. Creates a new object
2. Binds **this** to the new object
3. Adds the properties to **this**
4. Calls the Class' constructor
5. Implicitly returns the new object

firstName: 'Jim'
lastName: 'Cooper'
age: 29