

CREATING YOUR OWN MODULES

OBJECTIVES

- ▶ Explain what `module.exports` is
- ▶ Explain how to import and export code that you have written

HOW IS MODULE.EXPORTS LIKE CLARK KENT?





A LOT OF PEOPLE DON'T
RECOGNIZE THAT IT IS JUST
AN OBJECT.

MODULE.EXPORTS



It's just an Object!

HOW DO YOU CONNECT TWO FILES?

module.exports

+

require



run.js — ~/g49/q2/module.exports

js base.js

```
1 module.exports = "hello world!";
```

2

js run.js

```
1 var ummmmmWhat = require('./base');
```

2

```
3 console.log(ummmmmWhat);
```

4

SET MODULE.EXPORTS EQUAL TO AN OBJECT

```
module.exports = {  
  name: "Asana",  
  age:36,  
  sayHello: function(){  
    console.log("hello");  
  }  
};
```

SET PROPERTIES ON THE OBJECT

```
module.exports.name = "Alisa";
module.exports.num = 15;
module.exports.list = [1,2,3,4];
module.exports.collection = {
  dog: "fido",
  cat: "willow",
  bird: "tweetie"
};

};
```

YOU TRY IT!

Q2W1.1 NODE MODULES