

[Lesson](#)[Weekend](#)

Intermediate JavaScript (/intermediate-javascript)

/ Object-Oriented JavaScript
(/intermediate-javascript/object-oriented-javascript)

/ Address Book: Unique IDs


[Text](#)[Cheat sheet](#)

Example

Here's how `scripts.js` will look by the end of the lesson:

```
js/scripts.js
```

```
// Business Logic for AddressBook -----  
function AddressBook() {  
    this.contacts = {};  
    this.currentId = 0;  
}  
  
AddressBook.prototype.addContact = function(contact) {  
    contact.id = this.assignId();  
    this.contacts[contact.id] = contact;  
};  
  
AddressBook.prototype.assignId = function() {  
    this.currentId += 1;  
    return this.currentId;  
};  
  
// Business Logic for Contacts -----  
function Contact(firstName, lastName, phoneNumber) {  
    this.firstName = firstName;  
    this.lastName = lastName;  
    this.phoneNumber = phoneNumber;  
}  
  
Contact.prototype.fullName = function() {  
    return this.firstName + " " + this.lastName;  
};
```

 **Example GitHub Repo for the Address Book**
(https://github.com/epicodus-lessons/oop-address-book-v2/tree/3_unique_ids)

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