

Lesson

Monday

Intermediate JavaScript (/intermediate-javascript)

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

/ Address Book: Adding Interactivity

Text

Cheat sheet

## Best Practices

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1. We created a **separate UI function** instead of adding the code to an existing function, like our `handleFormSubmission()` function. This allows us to focus on writing one function at a time, and helps keep code modular.
2. We create a list of all elements we want to append to the DOM, and add them **all at once** instead of one a time. This is faster and more efficient.

## Examples

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Create a UI function to display contacts in an address book:

```
function listContacts(addressBookToDisplay) {  
  let contactsDiv = document.querySelector("div#contacts");  
  contactsDiv.innerText = null;  
  const ul = document.createElement("ul");  
  Object.keys(addressBookToDisplay.contacts).forEach(function(key) {  
    const contact = addressBookToDisplay.findContact(key);  
    const li = document.createElement("li");  
    li.append(contact.fullName());  
    li.setAttribute("id", contact.id);  
    ul.append(li);  
  });  
  contactsDiv.append(ul);  
}
```

 **Example GitHub Repo for the Address Book**  
([https://github.com/epicodus-lessons/oop-address-book-v2/tree/6\\_adding\\_interactivity](https://github.com/epicodus-lessons/oop-address-book-v2/tree/6_adding_interactivity))

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