

03-domManipulation0.html

1. Console:

1. Intro `querySelector()`; `e.innerHTML`

```
var ol = document.querySelector('#response');
ol.innerHTML
ol.innerHTML = ''
ol.innerHTML = '<li>...</li>'
```

2. Intro `createElement()`; `e.appendChild()`

```
var li = document.createElement('li')
li.innerHTML = 'ANOTHER ITEM'
ol.appendChild(li)
```

2. Code

1. `addItem()`: Encapsulate (explain code)
2. `clearPage()`
3. `<button id="add-item">` `<button id="clear-page">`
`addEventListener()`
4. `<input type="text" id="content" value="ANOTHER ITEM">`
modify `addItem()` to allow input

04-fetchAPI0.html

1. Demo full app: 04-fetchAPI2.html Data source (JSON):

[https://jsonplaceholder.typicode.com/posts/\\${postId.value}/comments](https://jsonplaceholder.typicode.com/posts/${postId.value}/comments)

2. File

1. fetch() structure

```
fetch(url).then(response => {  
    return response.json()  
}).then(data =>  
    console.log(data)  
)
```

2. Expand fetch(): show queried JSON in HTML

```
fetch(url).then(response => {  
    return response.json();  
}).then(data => {  
    var ol = document.querySelector("#response");  
    ol.innerHTML = JSON.stringify(data);  
})
```

3. buildResponse()

```
function buildResponse(data) {  
    var target = document.querySelector('#response');  
  
    for (i=0; i<data.length; i++) {  
        var li = document.createElement('li');  
        li.innerHTML = `  
            <p>PostID: ${data[i].postId}</p>  
            <p>Name: ${data[i].name}</p>  
            <p>Email: ${data[i].email}</p>  
            <p>Body: ${data[i].body}</p>`  
        target.appendChild(li);  
    }  
}
```

4. (Opt) <input> to control URL source