DOM Demo Creation, Deletion, Manipulation

Create & Attach Elements

1. view the document
2. get the body
   1. `var body = document.getElementsByTagName("body")`
   2. look at what you got `body`. What do you see?

3. create a header
   1. `var title = document.createElement("h2")`
   2. look at what you got `title`
   3. add text to the h2 tag `title.innerText="Learn the DOM"`

4. create a p element
   1. `var paragraph1 = document.createElement("p")`
   2. look at what you got `paragraph1`
   3. add text to the p tag `paragraph1.innerText`

5. create another p element
   1. `var paragraph2 = document.createElement("p")`
   2. look at what you got `paragraph2`
   3. add text to the p tag `paragraph2.innerText`
   4. change the color of the p tag `paragraph2.style.color = "blue"`

6. Attach elements to the body
   1. `body` what do you see?
   2. `body.appendChild(title)`
   3. `body.appendChild(paragraph1)`
   4. `body.appendChild(paragraph2)`
   5. `body` what do you see?

Delete an Element

1. Delete one of the paragraphs in the body
   `body.removeChild(paragraph1);`
2. Delete everything in the body `body.innerHTML = "";`

Manipulate an Element

1. change the text color of paragraph2 `paragraph2.style.color = "red"`

Create Nested Elements

1. create a ul element `var ul = document.createElement("ul");`
2. create an li element `var li = document.createElement("li");`
3. append the li element to the ul element
   `ul.appendChild(li)`
4. append the ul element to the body so it is now attached to the DOM `body.appendChild(ul);`

Getting started from nothing

1. Make html and js files
2. link the js file to the html file

Looping Over Elements

1. get the elements
2. iterate over the array you get back