Chapter 9

DOM manipulation
and traversal methods

Section 9-10

How to use the DOM Manipulation Methods

The methods for working with attributes

```
attr(name)
attr(name, value)
attr(map)
attr(name, function)
removeAttr(name)
```

Attribute examples

Set the value of the src attribute of an image to the value of a variable

```
$("#image").attr("src", "book1.jpg");
```

Use a map to set the values of two attributes

```
$("#image").attr( {"src": "book1.jpg", "alt": "Book 1" } );
```

Remove the id attribute from all h2 elements within the "faqs" element

```
$("#faqs h2").removeAttr("id");
```

The methods for DOM replacement

```
val()
val(value)
val(function)


text()
text(textString)
text(function)


html()
html(htmlString)
html(function)


replaceWith(content)
replaceAll(target)
```

DOM replacement examples

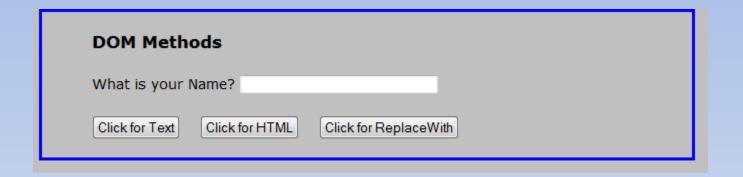**Display all of the HTML in the aside element**

```
alert($("aside").html());
```

Put an h2 element into an aside element

```
$("aside").html("<h2>Table of contents</h2>");
```

DEMO: Setting the HTML for an Element

The methods for DOM insertion, removing, and cloning

```
prepend(content)
prepend(function)
prependTo(target)

append(content)
append(function)
appendTo(target)

before(content)
before(function)
insertBefore(target)

after(content)
after(function)
insertAfter(target)

clone([withEvents])
remove([selector])
```

DOM insertion and Removing examples

Insert an h2 element at the end of an aside element

```
$("aside").append("<h2>Table of contents</h2>");
```

Insert an <a> element after the last <p> element in an article

```
$("article p:last").after(
 "<a href='#top'>Back to top</a>");
```

Remove a p element with an id of "mypara"

```
$("#mypara").remove();
```

Clone an img element and store the copy in a variable

```
Var myImageCopy = $("#myimage").clone(false);
```

DEMO: Placing and Removing Elements

DOM Clone Insert Remove

I really like this paragraph. Click me for another

[Remove Last]

Exercise 9-1

- Do the exercises for this section

  (shown to the right for the link to this presentation)

End of Lesson