

# JavaScript and DOM

In this lab, you'll manipulate the DOM to change the currently displayed HTML page.

Short story – the page you used in the *Browser Tools* lab dynamically drew HTML elements when you clicked buttons. Your job is to **use existing code as a guide in DomExercise.html** and complete the page.

In particular, complete code to *get price of Harry's books* and *Creating the two column table*.

Here is the **before**:

## Doin' DOM Stuff

'Everyday Italian' 'Harry Potter'

'cooking' 'children'

You code this...if you like

Everyday Italian
Harry Potter

You code this...IF YOU DARE!!!

The XML String for reference

```
<bookstore>
  <book category="cooking">
    <title lang="en">Everyday Italian</title>
    <author>Giada De Laurentiis</author>
    <year>2005</year>
    <price>30.00</price>
  </book>
  <book category="children">
    <title lang="en">Harry Potter</title>
    <author>J K. Rowling</author>
    <year>2005</year>
    <price>29.99</price>
  </book>
</bookstore>
```

Next page shows the **after**:

# Doin' DOM Stuff

Get Book Titles

'Everyday Italian' 'Harry Potter'

Get Book Categories

'cooking' 'children'

Get The Price of Harry Potter Book

29.99

Create 1 column table showing book titles

Everyday Italian
Harry Potter

Create 2 column table showing title, price

Everyday Italian	30.00
Harry Potter	29.99

Reset Page

The XML String for reference

```
<bookstore>
  <book category="cooking">
    <title lang="en">Everyday Italian</title>
    <author>Giada De Laurentiis</author>
    <year>2005</year>
    <price>30.00</price>
  </book>
  <book category="children">
    <title lang="en">Harry Potter</title>
    <author>J K. Rowling</author>
    <year>2005</year>
    <price>29.99</price>
  </book>
</bookstore>
```

The file **DomExercise.html** has the code that produces the display shown on Page 1. Look at how the code manipulates the DOM and use that code as a model for the missing entries.