Common elements for coding tables

- **table**

- **tr**

- **th**

- **td**

The HTML for a table

```
<table>
    <tr>
        <th>Book</th>
        <th>Year Published</th>
        <th>Sales</th>
    </tr>
    <tr>
        <td>PHP and MySQL</td>
        <td>2014</td>
        <td>$372,381</td>
    </tr>
    <tr>

        .
        .
    </tr>
    <tr>
        <th>Total Sales</th>
        <td></td>
        <td>$2,154,786</td>
    </tr>
</table>
```

Book	Year Published	Sales
PHP and MySQL	2014	$372,381
JavaScript and jQuery	2015	$305,447
Java Programming	2011	$392,444
Java Servlets and JSP	2014	$328,992
Total Sales		$2,154,786

Attributes of the <th> and <td> tags for merging cells

- **colspan**

- **rowspan**

The HTML for the table

```
<table>
    <thead>
        <tr>
            <th rowspan="2">Book</th>
            <th colspan="4">Sales</th>
        </tr>
        <tr>
            <th>North</th>
            <th>South</th>
            <th>West</th>
            <th>Total</th>
        </tr>
    </thead>
    <tbody>
        .
        .
    </tbody>
```

The HTML for the table (cont.)

```
<tfoot>
        <tr>
            <th>Sales Totals</th>
            <td>$140,775</td>
            <td>$165,550</td>
            <td>$762,794</td>
            <td>$1,069,119</td>
        </tr>
    </tfoot>
</table>
```

A table with another table nested within one of its cells

Region	YTD sales		
West	$68,684.34		
Central	North	$21,223.08	
	South	$41,274.06	
East	$72,741.06		

The HTML for the table

```
<table id="outer">
    <caption>YTD Sales by Region</caption>
    <tr>
        <th>Region</th>
        <th>YTD sales</th>
    </tr>
    <tr>
        <th>West</th>
        <td>$68,684.34</td>
    </tr>
    <tr>
        <th>Central</th>
        <td>
            <table id="inner">
                <tr>
                    <th>North</th>
                    <td>$21,223.08</td>
                </tr>
```

The HTML for the table (cont.)

```
            <tr>
                <th>South</th>
                <td>$41,274.06</td>
            </tr>
        </table>
      </td>
   </tr>
   <tr>
      <th>East</th>
      <td>$72,741.06</td>
   </tr>
</table>
```