HTML&CSS
design and build websites

CHAPTER 6
TABLES

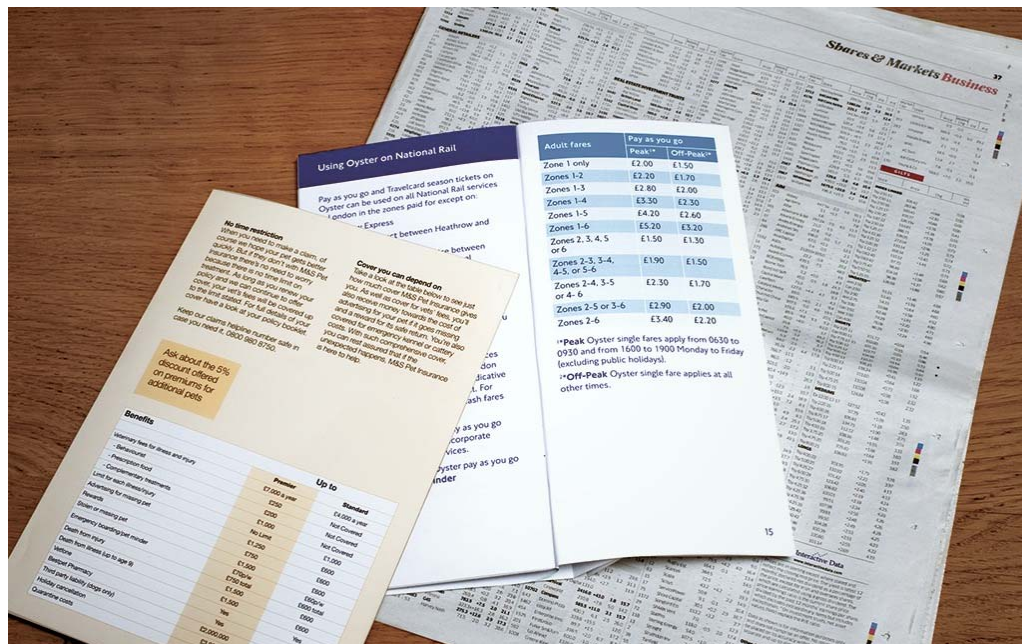# WHAT'S A TABLE?

BASIC TABLE STRUCTURE

```html
<table>
  <tr>
    <td>15</td>
    <td>15</td>
    <td>30</td>
  </tr>
  <tr>
    <td>45</td>
    <td>60</td>
    <td>90</td>
  </tr>
</table>
```

HTML

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    <td>15</td>
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  </tr>
</table>
```

RESULT

15 15 30
45 60 45

TABLE HEADINGS

```html
<table>
  <tr>
    <th></th>
    <th scope="col">Saturday</th>
    <th scope="col">Sunday</th>
  </tr>
  <tr>
    <th scope="row">Tickets sold</th>
    <td>120</td>
    <td>135</td>
  </tr>
</table>
```
HTML

TABLE HEADINGS

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    <td>120</td>
    <td>135</td>
  </tr>
</table>
```
HTML

RESULT

	Saturday	**Sunday**
Tickets sold:	120	135

SPANNING COLUMNS

```
...
  <tr>
    <th>Monday</th>
    <td colspan="2">Geography</td>
    <td>Math</td>
    <td>Art</td>
  </tr>
...
```

SPANNING COLUMNS

HTML

```
...
  <tr>
    <th>Monday</th>
    <td colspan="2">Geography</td>
    <td>Math</td>
    <td>Art</td>
  </tr>
...
```

RESULT

	9am	10am	11am	12am
Monday	Geography		Math	Art

SPANNING ROWS

HTML

```
...
  <tr>
    <th>6pm - 7pm</th>
    <td rowspan="2">Movie</td>
    <td>Comedy</td>
    <td>News</td>
  </tr>
  <tr>
    <th>7pm - 8pm</th>
    <td>Sport</td>
    <td>Current Affairs</td>
  </tr>
```

SPANNING ROWS

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  <tr>
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```

6pm - 7pm	Movie	Comedy	News
7pm - 8pm		Sport	Current Affairs

LONG TABLES

```
<thead>
  <tr>
    <th>Date</th>
    <th>Income</th>
    <th>Expenditure</th>
  </tr>
</thead>

<tbody>...</tbody>

<tfoot>...</tfoot>
```

Date	Income	Expenditure
18th January	212	39
19th January	234	36
20th January	221	43
21st January	259	38
22nd January	246	31
23rd January	248	17
24th January	229	45
25th January	263	34
26th January	258	41
27th January	283	22
28th January	256	30
29th January	278	47
30th January	251	15
31st January	129	64
	7824	1241

```html
<table width="400"
       cellpadding="10"
       cellspacing="10">
  <tr>
    <th width="150"></th>
    <th>Withdrawn</th>
    <th>Credit</th>
    <th>Balance</th>
  </tr>

  <tr> ... </tr>
</table>
```

`HTML`

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`HTML`

RESULT

	Withdrawn	Credit	Balance
January	250.00	660.50	410.50
February	135.55	895.20	1170.15

OLD CODE: BORDER & BACKGROUND

HTML

```html
<table border="2"
       bgcolor="#efefef">
  <tr>
    <th width="150"></th>
    <th>Withdrawn</th>
    <th>Credit</th>
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	Withdrawn	Credit	Balance
January	250.00	660.50	410.50
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SUMMARY

The `<table>` element is used to add tables to a web page.

SUMMARY

A table is drawn out row by row. Each row is created with the `<tr>` element.

SUMMARY

Inside each row are cells represented by the `<td>` element (or `<th>` if it is a header).

SUMMARY

You can make cells of a table span more than one row or column using the `rowspan` and `colspan` attributes.

SUMMARY

For long tables you can split the table into a `<thead>`, `<tbody>`, and `<tfoot>`.