

OVERVIEW: HTML TABLES

IN THIS LESSON

About HTML Tables

`<table>` `<tr>` `<td>`

`<thead>` `<th>` `<tbody>`

`colspan` & `rowspan`

ABOUT HTML TABLES

In early, pre-CSS HTML, tables were often used to position content

Today, CSS is used for layout and tables have returned to their original purpose: to display data in tabular format

BASIC HTML TABLE: <table> <tr> <td>

```
<table>
  <tr>
    <td>1</td>
    <td>2</td>
    <td>3</td>
  </tr>
  <tr>
    <td>4</td>
    <td>5</td>
    <td>6</td>
  </tr>
</table>
```

All HTML tables start with the `<table>` element
Inside it, rows are declared with `<tr>` (table row)
Inside it, cells are declared with `<td>` (table data)
Table content goes in `<td>` cells only

1	2	3
4	5	6

```
<table>
  <thead>
    <tr>
      <th>Title</th>
      <th>Author</th>
      <th>Year</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Idoru</td>
      <td>William Gibson</td>
      <td>1996</td>
    </tr>
    <tr>
      <td>Crash</td>
      <td>J.G. Ballard</td>
      <td>1973</td>
    </tr>
  </tbody>
</table>
```

<thead> <tbody> <th>

<thead> element contains at least one <tr>, which in turn contains <th> elements that hold table header info

<th> is bold and centered by default, can also be used inside <tbody> when applicable

<tbody> element holds <tr> and <td> rows containing table data

```

<table>
  <thead>
    <tr>
      <th>Title</th>
      <th>Author</th>
      <th>Year</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <td>Idoru</td>
      <td>William Gibson</td>
      <td>1996</td>
    </tr>
    <tr>
      <td>Crash</td>
      <td>J.G. Ballard</td>
      <td>1973</td>
    </tr>
  </tbody>
</table>

```

<thead> <tbody> <th>

Title	Author	Year
Idoru	William Gibson	1996
Crash	J.G. Ballard	1973

Title	Author	Year
Idoru	William Gibson	1996
Crash	J.G. Ballard	1973

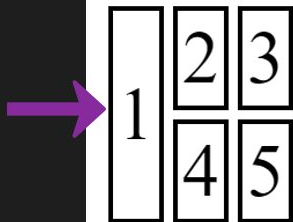
(styled version - code not shown)

ROWSPAN & COLSPAN

Add a **rowspan** or **colspan** attribute to a `<th>` or `<td>` element to cause it to span X number of cells. e.g. **rowspan="2"**

rowspan spans vertically (over rows)

```
<table>
  <tr>
    <td rowspan="2">1</td>
    <td>2</td>
    <td>3</td>
  </tr>
  <tr>
    <td>4</td>
    <td>5</td>
  </tr>
</table>
```



colspan spans horizontally (across columns)

```
<table>
  <tr>
    <td colspan="2">1</td>
    <td>2</td>
  </tr>
  <tr>
    <td>3</td>
    <td>4</td>
    <td>5</td>
  </tr>
</table>
```

