

HTML Tables

Tables are defined with the `<table>` `</table>` tags.

Table Headers are defined with the `<th>` `</th>` tags.

Table Rows are defined with the `<tr>` `</tr>` tags.

Table Data are defined with the `<td>` `</td>` tags.

A table is divided into rows (with the `<tr>` tag), and each row is divided into data cells (with the `<td>` tag). `td` stands for "table data," and holds the content of a data cell. A `<td>` tag can contain text, links, images, lists, forms, other tables, etc.

Table Example

```
<table border="1">  
  <tr>  
    <td>row 1, cell 1</td>  
    <td>row 1, cell 2</td>  
  </tr>  
  <tr>  
    <td>row 2, cell 1</td>  
    <td>row 2, cell 2</td>  
  </tr>  
</table>
```

How the HTML code above looks in a browser:

row 1, cell 1	row 1, cell 2
row 2, cell 1	row 2, cell 2

HTML Tables and the Border Attribute

If you do not specify a border attribute, the table will be displayed without borders. Sometimes this can be useful, but most of the time, we want the borders to show.

To display a table with borders, specify the border attribute:

```
<table border="1">  
  <tr>  
    <td>Row 1, cell 1</td>  
    <td>Row 1, cell 2</td>  
  </tr>  
</table>
```

How the HTML code above looks in a browser:

row 1, cell 1	row 1, cell 2
---------------	---------------

Complete the Code for the table shown below

```
<html>  
<body>  
<_____>  
  <____>  
    <____>Red<____>  
    <____>Yellow<____>  
  <____>  
  <____>  
    <____>Blue<____>  
    <____>Purple<____>  
  <____>  
<_____>  
</html>  
</body>
```

How the HTML code above looks in a browser:

Red	Yellow
Blue	Purple

HTML Table Headers

Table Header information in a table are defined with the `<th></th>` tags. The text in a th element will be bold and centered.

```
<table border="1">
  <tr>
    <th>Header 1</th>
    <th>Header 2</th>
  </tr>
  <tr>
    <td>row 1, cell 1</td>
    <td>row 1, cell 2</td>
  </tr>
  <tr>
    <td>row 2, cell 1</td>
    <td>row 2, cell 2</td>
  </tr>
</table>
```

How the HTML code above looks in a browser:

Header 1	Header 2
row 1, cell 1	row 1, cell 2
row 2, cell 1	row 2, cell 2

HTML Table Captions

Table Caption information for a table is defined with the `<caption></caption>` tags.

```
<table border="1">
<caption>Monthly savings</caption>
  <tr>
    <th>Month</th>
    <th>Savings</th>
  </tr>
  <tr>
    <td> January </td>
    <td>$100</td>
  </tr>
  <tr>
    <td>February</td>
    <td>$50</td>
  </tr>
</table>
```

How the HTML code above looks in a browser:

Monthly savings

Month	Savings
January	\$100
February	\$50

Complete the Code for the table shown below

```
<html>
<body>
  <______>
  <_____>_____<_____>
  <____>
    <____>_____<____>
    <____>_____<____>
  <____>
  <____>
    <____>_____<____>
    <____>_____<____>
  <____>
  <____>
    <____>_____<____>
    <____>_____<____>
  <____>
  <____>
    <____>_____<____>
    <____>_____<____>
  <____>
</body>
</html>
```

How the HTML code above looks in a browser:

Amount Earned

Month	Earnings
January	\$500
February	\$600

HTML Table Column Span and Row Span

Table cells that span more than one row **rowspan=""** or one column **colspan=""**.

```
<html>
<body>

<h4>Cell that spans two columns:</h4>
<table border="1">
  <tr>
    <th>Name</th>
    <th colspan="2">Telephone</th>
  </tr>
  <tr>
    <td> Bill Gates </td>
    <td> 555 77 8549</td>
    <td> 555 77 8559</td>
  </tr>
</table>

</body>
</html>
```

Cell that spans two columns:

Name	Telephone	
Bill Gates	555 77 8549	555 77 8559

```
<html>
<body>

<h4>Cell that spans two rows:</h4>
<table border="1">
  <tr>
    <th>First Name:</th>
    <td> Bill Gates</td>
  </tr>
  <tr>
    <th rowspan="2">Telephone:</th>
    <td> 555 77 8549</td>
  </tr>
  <tr>
    <td> 555 77 8559</td>
  </tr>
</table>

</body>
</html>
```

Cell that spans two rows:

First Name:	Bill Gates
Telephone:	555 77 8549
	555 77 8559

Complete the Code for the table shown below. Type it into a notepad. Save it as *yournametable.html* and view it in your browser.

```

<html>
<body>
<_____>
  <_____>
    <_____>_____<_____>
  <_____>
  <_____>
    <_____>_____<_____>
    <_____>_____<_____>
    <_____>_____<_____>
  <_____>
  <_____>
    <_____>_____<_____>
    <_____>_____<_____>
    <_____>_____<_____>
  <_____>
  <_____>
    <_____>_____<_____>
    <_____>_____<_____>
  <_____>
  <_____>
  </body>
</html>

```

Schedule		
Staff	Monday	Tuesday
Mike	8-12	12-4
	4-8	8-12