

# HTML Tables Lesson#1

## Tables

Tables were originally designed to create Word-like charts in a browser – now they are standard structure tools.

Tables are structured using `<table>` `<tr>` `<td>` tags.

`<tr>` = table row

`<td>` = table column (table data)

`<table>`

`<tr>`

`<td>first</td>`

`<td>second</td>`

`</tr>`

`<tr>`

`<td>third</td>`

`<td>fourth</td>`

`</tr>`

`</table>`

|       |        |
|-------|--------|
| First | second |
| Third | fourth |

## Table Attributes

`<th>`table headers`</th>`

Same as `<td>` tags, but content is bold and centred.

## HTML Tables Lesson#2

### Table Tag Attributes

\*\* most of these attributes are better handled with CSS

```
<table bgcolor="red" border = "10" cellspacing="5" cellpadding  
="10" align="center" valign = "middle" width="500" >
```

Width = table width

Border = border width

Cellspacing = width of internal cell walls

Cellpadding = space between the content and the cell wall

Align = centers the table

Valign = vertically places a table in a nested table

The width align and valign attributes are often put into column tags:

```
<td width =50 align = "center" valign="top" bgcolor="red">
```

|                              |                                |                               |
|------------------------------|--------------------------------|-------------------------------|
| align=left<br>valign= top    | align=left<br>valign=middle    | align=left<br>valign=bottom   |
| align= center<br>valign= top | align= center<br>valign=middle | align=center<br>valign=bottom |
| align=right<br>valign=top    | align=right<br>valign=middle   | align=right<br>valign=bottom  |

## HTML Tables Lesson#3

### Spanning Cells

As a design technique, there are many times that you might want your columns or rows to span more than one cell.

#### Row Span

|  |  |
|--|--|
|  |  |
|  |  |

If you want a cell of your table to span more than one row, you will have to use the following attribute in your column tag.

```
<tr>
  <td rowspan="2"></td>
  <td></td>
</tr>
<tr>
  <td></td> (note the dropped <TD> tag)
</tr>
```

#### Column Span

|  |  |
|--|--|
|  |  |
|  |  |

If you want the cells of your table to span more than one column, you will have to use the following attribute in your column tag.

```
<tr>
  <td colspan="2"></td>
</tr>
<tr>
  <td></td>
  <td></td>
</tr>
```