**Creating tables in HTML**

We have two structure for creating tables in HTML. They are:

|  |
| --- |
| <table>  <tr>  <td>row1 - col1</td>  <td>row1 - col2</td>  <td>row1 - col3</td>  </tr>  <tr>  <td>row2 - col1</td>  <td>row2 - col2</td>  <td>row2 - col3</td>  </tr> </table> |

* Simple structure
* Essential structure

|  |
| --- |
| <table>  <thead>  <tr>  <td>head part - row1 - col1</td>  <td>head part - row1 - col2</td>  <td>head part - row1 - col3</td>  </tr>  </thead>  <tbody>  <tr>  <td>body part - row1 - col1</td>  <td>body part - row1 - col2</td>  <td>body part - row1 - col3</td>  </tr>  <tr>  <td>body part - row2 - col1</td>  <td>body part - row2 - col2</td>  <td>body part - row2 - col3</td>  </tr>  </tbody> </table> |

Distinguish between two structure is including extra tags like tbody and thead. It uses for divide table into two parts head, and body and makes easy manipulation of the table.

Table tag has a lot of attributes, they are:

|  |  |  |
| --- | --- | --- |
| Attribute | Value | Description |
| [align](https://www.w3schools.com/tags/att_table_align.asp) | left center right | Not supported in HTML5. Specifies the alignment of a table according to surrounding text |
| [bgcolor](https://www.w3schools.com/tags/att_table_bgcolor.asp) | *rgb(x,x,x) #xxxxxx colorname* | Not supported in HTML5. Specifies the background color for a table |
| [border](https://www.w3schools.com/tags/att_table_border.asp) | 1 0 | Not supported in HTML5. Specifies whether or not the table is being used for layout purposes |
| [cellpadding](https://www.w3schools.com/tags/att_table_cellpadding.asp) | *pixels* | Not supported in HTML5. Specifies the space between the cell wall and the cell content |
| [cellspacing](https://www.w3schools.com/tags/att_table_cellspacing.asp) | *pixels* | Not supported in HTML5. Specifies the space between cells |
| [frame](https://www.w3schools.com/tags/att_table_frame.asp) | void above below hsides lhs rhs vsides box border | Not supported in HTML5. Specifies which parts of the outside borders that should be visible |
| [rules](https://www.w3schools.com/tags/att_table_rules.asp) | none groups rows cols all | Not supported in HTML5. Specifies which parts of the inside borders that should be visible |
| [summary](https://www.w3schools.com/tags/att_table_summary.asp) | *text* | Not supported in HTML5. Specifies a summary of the content of a table |
| [width](https://www.w3schools.com/tags/att_table_width.asp) | *pixels %* | Not supported in HTML5. Specifies the width of a table |

Example for essential table:

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

Example for cellspacing & cellpadding:

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

Example for colspan & rowspan:

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