**HTML Tables**

HTML tables allow web developers to arrange data into rows and columns.

**Example**

*<*table border="1px black"*>// table tag*

*<*thead*>//* Groups the header content in a table

*<*tr*>//*Defines a row in a table

*<*th*>*NAME*</*th*>* //Defines a header cell in a table

*<*th*>*ROLL*</*th*>*

*<*th*>*REG*</*th*>*

*<*th*>*AGE*</*th*>*

*</*tr*>*

*<*tbody*>//*Groups the body content in a table

*<*tr*>*

*<*td*>*a*</*td*>*

*<*td*>*53*</*td*>*

*<*td*>*67373*</*td*>*

*<*td*>*54*</*td*>*

*</*tr*>*

*<*tfoot*>//*Groups the footer content in a table

*<*th colspan="3"*>*total marks*</*th*>*

*</*tfoot*>*

*</*tbody*>*

*</*thead*>*

*</*table*>*

|  |  |
| --- | --- |
| **Tag** | **Description** |
| [<table>](https://www.w3schools.com/tags/tag_table.asp) | Defines a table |
| [<th>](https://www.w3schools.com/tags/tag_th.asp) | Defines a header cell in a table |
| [<tr>](https://www.w3schools.com/tags/tag_tr.asp) | Defines a row in a table |
| [<td>](https://www.w3schools.com/tags/tag_td.asp) | Defines a cell in a table |
| [<caption>](https://www.w3schools.com/tags/tag_caption.asp) | Defines a table caption |
| [<colgroup>](https://www.w3schools.com/tags/tag_colgroup.asp) | Specifies a group of one or more columns in a table for formatting |
| [<col>](https://www.w3schools.com/tags/tag_col.asp) | Specifies column properties for each column within a <colgroup> element |
| [<thead>](https://www.w3schools.com/tags/tag_thead.asp) | Groups the header content in a table |
| [<tbody>](https://www.w3schools.com/tags/tag_tbody.asp) | Groups the body content in a table |
| [<tfoot>](https://www.w3schools.com/tags/tag_tfoot.asp) | Groups the footer content in a table |

**Add border in table**

When you add a border to a table, you also add borders around each table cell:

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

To add a border, use the CSS border property on table, th, and td elements:

**syntax**

table, th, td {  
  border: 1px solid black;  
}

**Avoid double border**

To avoid having double borders like in the example above, set the CSS border-collapse property to collapse.

This will make the borders collapse into a single border:

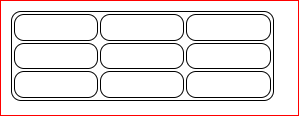
|  |  |  |
| --- | --- | --- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**syntax**

table, th, td {  
  border: 1px solid black;  
  border-collapse: collapse;  
}

## Round Table Borders

With the border-radius property, the borders get rounded corners:



table, th, td {  
  border: 1px solid black;  
  border-radius: 10px;  
}

**we can create table various type**

The following values are allowed:

* dotted
* dashed
* solid
* double
* groove
* ridge
* inset
* outset
* none
* hidden

 th, td {  
  border-style: dotted;  
}

Rowspan -:it is used to expend the rows depends upon the developer need.

<th rowspan="2">Name</th>

Colspan -:it is used to expend the coloum depends upon the developer need

<th colspan="2">Name</th>