

Table

HTML document Separates the document table which consist of Row and column for this purpose HTML tag is use. It consists of 3 tags.

<Table>

1. <TR> To Specify Row in a Table. <TR> tag is use </TR>
2. <TH> To Specify Heading in a Row. <TH> Tag is use </TH>
3. <TD> To specify the data in a row. <TD> To be use </TD>

</Table>

Caption Tag

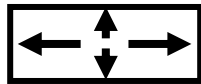

This tag is use to give the heading to the table. it can be written outside table tag or inside the table tag <caption> Student </caption>

The attribute of table tag

1. **Border:** -This attribute controls the border around the table its thickness is specify in pixel Ex: <Table border = 5> in pixels.
2. **Bgcolor:** -It Specify the background colour of the table. <Table border=5 bgcolor="yellow">

Row per colour <tr bgcolor="Red">

3. **Width:** - This Attribute set the width to a specific no of pixels. According to the browser screen. <width="500">

4. **Height:** - it's set the height of the table in pixels according to the browser screen. `<Height ="450">`
 5. **Valign:** - This attribute is use to set the alignment of the table. which consist of value. top, middle, bottom. Ex: - `<Table>`
`<valign="top">` `<tr bcolor="Purple" valign="top">`
 6. **Align:** - This attribute is use to set the alignment of the table. which consist of value. Left, Right, center. Ex: - `<Table>`
`<align="center">` `<tr bcolor="Purple" align="left">`
 7. **Cellpadding:** -This attribute controls. the distance between the data in a cell and the boundary of the cell. `<Table>` `< cellpadding="10%" >`
- 
8. **cellspacing:**-This Attribute controls the spacing between adjacent cell. `<cellspacing="10">`
- 

Using the Rowspan and colspan attribute

1. **Rowspan:** -when the cell is distributed or split in two different rows is get to be rowspan.
2. **Colspan:** -In the table when the cell is divided or split in two different columns. it is set to be colspan.

Ex:-

```
<Table align="center" border=5 Bordercolor="Red">
```

```
<TR>
```

```
<TH rowspan="2"> Roll no </TH>
```

```
<TH colspan="3"> Name </TH>
```

```
</TR>
```

```
<TR>
```

```
<TH> First Name </TH>
```

```
<TH> Middle name </TH>
```

```
<TH> Last name </TH>
```

```
</TR>
```

```
<TR>
```

```
<TD>101</TD>
```

```
<TD>Aman</TD>
```

```
<TD>Kumar</TD>
```

```
<TD>Verma</TD>
```

```
</TR></Table>
```

Nesting of Table

Nesting of table means a table inside another table. It always needs to be place between <td> tag of the outer container table.

```

<Table align="center" border=5 width="15%" height="10%"
bordercolor="blue">

  <TR> <th rowspan="4">Computer <br>Classes</th> </TR>

  <TR> <th> Table2 <table border="2" bordercolor="pink">

    <tr> <td>Hardware</td> <td>Software</td> </tr>
  </table>
  </th> </TR>

  <TR> <th> Table3 <table border="2" bordercolor="pink">
  <TR>

    <td>Application Software</td> <td>System Software</td>
  </tr> </table> </th> </TR> </Table>

```