

HTML TABLE

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HTML Tables

- A table in HTML consists of table cells inside rows and columns.
- Each table's cell is defined by a `<td>` and a `</td>`.
- Each table's row starts with a `<tr>` and ends with a `</tr>`.

```
<table>  
  <tr>  
    <td>Email</td>  
    <td>Name</td>  
    <td>Regd. No</td>  
  <tr>  
</table>
```

Table Sizes

HTML tables can have different sizes for each column, row or the entire table.

HTML Table Width or height

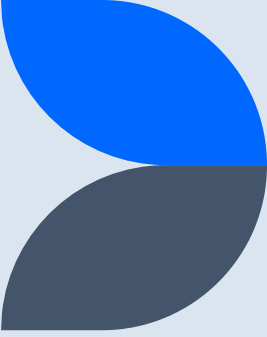
To set the width of a tables ,add the style attribute to the `<table>` element.

```
<table style="width:100%">
<tr>
  <th style="width:70%">Firstname</th>
  <th>Lastname</th>
  <th>Age</th>
</tr>
<tr>
  <td>Jill</td>
  <td>Smith</td>
  <td>50</td>
</tr>
<tr>
  <td>Eve</td>
  <td>Jackson</td>
  <td>94</td>
</tr>
</table>
```

HTML Tables Header

Table headers are defined with `th` elements ,each `th` element represent a table cell.

```
<table>
  <tr>
    <th>Firstname</th>
    <th>Lastname</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
</table>
```



HTML tables -colspan

To make a cell span over multiple columns, use the Colspan attributes.

```
<table>
  <tr>
    <th colspan="2">Name</th>
    <th>Age</th>
  </tr>
  <tr>
    <td>Chinmaya</td>
    <td>Biswal</td>
    <td>21</td>
  </tr>
  <tr>
    <td>Amarendra</td>
    <td>Sahoo</td>
    <td>21</td>
  </tr>
</table>
```

| Name | | Age |
|-----------|--------|-----|
| Chinmaya | Biswal | 21 |
| Amarendra | Sahoo | 21 |

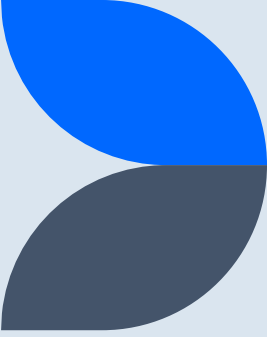
HTML Tables -rowspan

To make a cell span over multiple rows, use the rowspan attribute.

```
<table>
  <tr>
    <th>Name</th>
    <td>Kishan</td>
  </tr>
  <tr>
    <th rowspan="2">Phone</th>
    <td>8984307377</td>
  </tr>
  <tr>
    <td> 8984307377 </td>
  </tr>
</table>
```

| Name | Kishan |
|-------|------------|
| Phone | 8984307377 |
| | 8984307377 |

HTML Table - Cell Spacing



Cell spacing is the space between each cell.
To change the space between table cells, use the CSS
Border -spacing property on the tables element.

```
table {  
    border-spacing: 30px;  
}
```


HTML Table Padding & Spacing:-

HTML tables can adjust the padding inside the cells, and also the space between the cells.

HTML Table - Cell Padding:-

- Cell padding is the space between the cell edges and the cell content.
- To add padding on table cells, use the CSS `padding` property.
- To add padding only above the content, use the `padding-top` property.
- And the other sides with the `padding-bottom`, `padding-left`, and `padding-right` properties.

```
th, td {  
    padding-top: 10px;  
    padding-bottom: 20px;  
    padding-left: 30px;  
    padding-right: 40px;  
}
```

Table Styling

1. Zebra Stripes

```
tr:nth-child(even) {  
    background-color: #D6EEEE;  
}
```

| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |

2. Vertical Zebra Stripes

```
td:nth-child(even), th:nth-child(even) {  
    background-color: #D6EEEE;  
}
```

| | | | |
|----|----|----|----|
| 1 | 2 | 3 | 4 |
| 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 |
| 17 | 18 | 19 | 20 |

HTML Table Colgroup

The `<colgroup>` element is used to style specific columns of a table.

```
<table style="width: 100%;">
<colgroup>
  <col span="2" style="background-color: #D6EEEE">
</colgroup>
<tr>
<th>MON</th><th>TUE</th><th>WED</th><th>THU</th><th>FRI</th><th>SAT</th><th>SUN</th>
</tr>
<tr>
<td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td>
</tr>
<tr>
<td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td>
</tr>
<tr>
<td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td>
</tr>
<tr>
<td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td>
</tr>
</table>
```

| MON | TUE | WED | THU | FRI | SAT | SUN |
|-----|-----|-----|-----|-----|-----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 |

Thank you

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