

HTML and Web Pages

Tables

- Text can be aligned into rows and columns using a TABLE element
 - `<table>` and `</table>` encapsulate the table data
 - `<tr>` and `</tr>` encapsulate a row within the table
 - `<td>` and `</td>` encapsulate table data within a row (i.e., a column entry)
 - `<th>` and `</th>` represent the table header

Tables

```
1 <!doctype html>
2 <html>
3 |   <body>
4     <table>
5       <tr> <td> Institute: </td> <td> IIIT Sricity </td> </tr>
6       <tr> <td> Campus: </td> <td> Sricity </td> </tr>
7       <tr> <td> Class: </td> <td> UG1 </td> </tr>
8       <tr> <td> Course: </td> <td> ITWS1 </td> </tr>
9     </table>
10   </body>
11 </html>
```

Institute: IIIT Sricity

Campus: Sricity

Class: UG1

Course: ITWS1

Tables with Borders

```
1 <!doctype html>
2 <html>
3   <head><style>
4     table,td {border: 1px solid black;}
5   </style></head>
6   <body>
7     <table>
8       <tr> <td> Institute: </td> <td> IIIT Sricity </td> </tr>
9       <tr> <td> Campus: </td> <td> Sricity </td> </tr>
10      <tr> <td> Class: </td> <td> UG1 </td> </tr>
11      <tr> <td> Course: </td> <td> ITWS1 </td> </tr>
12    </table>
13  </body>
14</html>
```

Institute:	IIIT Sricity
Campus:	Sricity
Class:	UG1
Course:	ITWS1

Tables with Collapsed Borders

```
1 <!doctype html>
2 <html>
3   <head><style>
4     table,td {border: 1px solid black;border-collapse: collapse;}
5   </style></head>
6   <body>
7     <table>
8       <tr> <td> Institute: </td> <td> IIIT Sricity </td> </tr>
9       <tr> <td> Campus: </td> <td> Sricity </td> </tr>
10      <tr> <td> Class: </td> <td> UG1 </td> </tr>
11      <tr> <td> Course: </td> <td> ITWS1 </td> </tr>
12    </table>
13  </body>
14</html>
```

Institute:	IIIT Sricity
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Course:	ITWS1

HTML Table - Adding Cell Padding

Cell padding specifies the space between the cell content and its borders.

```
th, td {  
    padding: 15px;  
}
```

HTML Table - Left-align Headings

```
th {  
    text-align: left;  
}
```

HTML Table - Adding Border Spacing

Border spacing specifies the space between the cells.

```
table {  
    border-spacing: 5px;  
}
```


Colspan & Rowspan Attributes

Table Colspan Attributes –

- Colspan attribute helps to merge two or more columns into a single column.

Table Rowspan Attributes –

- Rowspan can be used to merge two or more rows into one row.

Colspan

```
<table style="width:100%">
  <tr>
    <th>Name</th>
    <th colspan="2">Telephone</th>
  </tr>
  <tr>
    <td>Bill Gates</td>
    <td>55577854</td>
    <td>55577855</td>
  </tr>
</table>
```

Rowspan

```
<table style="width:100%">
  <tr>
    <th>Name:</th>
    <td>Bill Gates</td>
  </tr>
  <tr>
    <th
rowspan="2">Telephone:</th>
    <td>55577854</td>
  </tr>
  <tr>
    <td>55577855</td>
  </tr>
</table>
```

HTML Table - Adding a Caption

```
<table style="width:100%">
  <caption>Monthly savings</caption>
  <tr>
    <th>Month</th>
    <th>Savings</th>
  </tr>
  <tr>
    <td>January</td>
    <td>$100</td>
  </tr>
  <tr>
    <td>February</td>
    <td>$50</td>
  </tr>
</table>
```

HTML Table - More Styles

```
table#t01 tr:nth-child(even) {  
    background-color: #eee;  
}  
table#t01 tr:nth-child(odd) {  
    background-color: #fff;  
}  
table#t01 th {  
    color: white;  
    background-color: black;  
}
```

Table Background Color & Image

```
1 <!doctype html>
2 <html>
3   <head><style>
4     table,td {border: 1px solid black;border-collapse: collapse;}
5     th,td {padding: 15px;}
6     table {background-image:url("IIIT_sricity_logo.png");width:100%;}
7   </style></head>
8   <body>
9     <table>
10      <tr> <td> Institute: </td> <td> IIIT Sricity </td> </tr>
11      <tr> <td> Campus: </td> <td> Sricity </td> </tr>
12      <tr> <td> Class: </td> <td> UG1 </td> </tr>
13      <tr> <td> Course: </td> <td> ITWS1 </td> </tr>
14    </table>
15  </body>
16 </html>
```

Tables for Alignment

```
<!doctype html><!-- demo17.html -->
<html>
  <body>
    <table>
      <tr>
        <td>  </td>
        <td> <a href="http://www.iiits.ac.in"> <big> Indian Institute
            of Information Technology</a><br>
            Sricity, Chittoor District, Satyavedu Mandal<br>
            Andhra Pradesh-518541, India</big></td>
      </tr>
    </table>
  </body>
</html>
```



[Indian Institute of Information Technology](http://www.iiits.ac.in)
Sricity, Chittoor District, Satyavedu Mandal
Andhra Pradesh-518541, India

Designing Web Pages Using Tables

Banner		
Links	Space	Main Area


```

1 <!doctype html>
2 <html>
3 <head><style>
4     table,td {border:1px solid black;border-collapse:collapse;}
5     table {width:100%}
6     .c1 {background-color:blue;color:yellow;font-size:40px;text-align:center;}
7     .c2 {width:25%;vertical-align:top;font-size:30px;font-family:verdana;}
8     .c3 {vertical-align:top;font-size:30px;color:blue;font-family:verdana;}
9 </style></head>
10 <body><table>
11     <tr class=c1><td colspan="3">WELCOME TO MY WEB PAGE</td></tr>
12     <tr><td class=c2><a href="http://www.iiits.ac.in" target="_blank">IIIT Sricity</a><br/>
13         <a href ="http://www.ieee.org" target="_blank">IEEE</a><br/>
14         <a href ="http://sites.google.com/site/shivram1987/" target="_blank">
15             My Home Page</a><br/>
16         <a href ="http://www.iiit.ac.in/" target="_blank">Mentor Institute</a><br/>
17     </td>
18     <td>&nbsp;</td>
19     <td class=c3><br>
20         Shiv Ram Dubey <br> Assistant Professor <br>
21         Department of Computer Science & Engineering <br/>
22         Indian Institute of Information Technology <br>
23         Sricity, Chittoor, Andhra Pradesh, India <br>
24     </td>
25 </tr>
26 </table></body>
27 </html>

```

Designing Web Pages Using Tables

WELCOME TO MY WEB PAGE

[IIIT Sricity](#)
[IEEE](#)
[My Home Page](#)
[Mentor Institute](#)



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HTML Layout – using table

```
<!doctype html><!--demo22.html-->
<html><head><title>HTML Layout using Tables</title></head>
<body>
  <table width="100%" border="0">
    <tr><td colspan="2" bgcolor="cyan">
      <h1><center>Technical Fest</center></h1></td></tr>
    <tr valign="top">
      <td bgcolor="#F08080" width="30%">
        <b>Main Menu</b><br>About Technical Fest<br>
        Events<br>Organiser<br></td>
      <td bgcolor="#56789e" width="70%" height="200">
        About Technical Fest</td></tr>
    <tr><td colspan="2" bgcolor="#b5dcb3">
      <center>Copyright © Groupname</center></td></tr>
  </table>
</body></html>
```



Technical Fest

Main Menu

About Technical Fest

Events

Organiser

About Technical Fest