

## HTML TABLES

HTML Tables represent data in the form of tables.

Table consists of rows and columns.

To provide table in webpage we have to use `<table>` tag.

Each row of table is represented by using `<tr>` tag whereas each column is represented by using `<td>` tag.

Table contains heading which can be represented by using `<th>` tag.

Table title can be provided by using `<caption>` tag.

The diagram shows a table with the following structure:

Contact Details		
No.	Name	Contact
1	Kashim	9847327438
2	Tanvi	8420392384

Annotations in the diagram:

- `<table>` points to the entire table structure.
- `<caption>` points to the "Contact Details" header.
- `<th>` points to the "No." header.
- `<tr>` points to the first row (headers).
- `<tr>` points to the second row (data).
- `<tr>` points to the third row (data).
- `<td>` points to the "1" cell in the second row.

```
<table>
<caption>Contact Details</caption>
<tr>
<th>No.</th> <th>Name</th> <th>Contact</th>
</tr>
<tr>
<td>1</td> <td>Kashim</td> <td>9847327438</td>
</tr>
<tr>
<td>2</td> <td>Tanvi</td> <td>8420392384</td>
</tr>
</table>
```

To provide border for table we have to use border attribute in `<table>` and provide value 1. ( It is valid in HTML 4.1 )

In HTML 5 to provide border for table we have to use border-width and border-style property in style attribute in `<table>`, `<th>` , `<td>`. To provide single border we have to use border-collapse property in style of `<table>`.

`<thead>` tag is used to define block for table heading `<tbody>` is used to define block for table body and `<tfoot>` is used to define block for footer for table.

## HTML Table Padding & Spacing

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

With Padding

hello	hello	hello
hello	hello	hello
hello	hello	hello

With Spacing

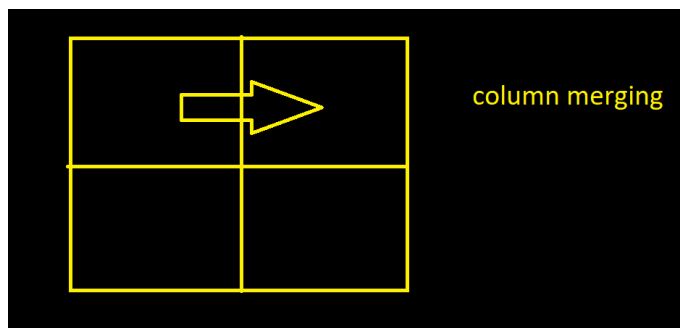
hello	hello	hello
hello	hello	hello
hello	hello	hello

**Cellspacing:** this is an attribute which is used to increase the space between two cells.

**Cellpadding:** this is an attribute which is used to increase the surrounding area of cell.

## HTML Table Colspan & Rowspan

**Colspan :** This is an attribute which is used to merge two or more than two columns.



**Rowspan** : This is an attribute which is used to merge two or more than two rows.

row merging

