

# HTML Table

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# HTML TABLE

- HTML Table is 2-D arrangement of data in rows and columns.
- Examples:

Books Information

NAME	Available BOOKS	PRICE
Ramayanam	1000	75
Oxford Dictionary	900	500
Novels	500	200

Exam Marksheet

Subject		Student-1	Student-2
Biology	Practical	A	A
	Theory	A+	A
Chemistry	Practical	B	C
	Theory	A	C+
Physics	Practical	C+	A
	Theory	A	B+

# HTML TABLE

- **Table elements:**
  - `<table>` - Create a table
  - `<tr>` - table row
  - `<td>` - table data/cell
  - `<th>` - table header

Header 1	Header 2
Cell 1	Cell 2
Cell 3	Cell 4



# HTML TABLE STRUCTURE

beginning of the  
table structure

first row of table

end of the table  
structure

```
<TABLE>
<TR>
  <TD></TD>
  <TD></TD>
  <TD></TD>
  <TD></TD>
  <TD></TD>
</TR>
<TR>
  <TD></TD>
  <TD></TD>
  <TD></TD>
  <TD></TD>
  <TD></TD>
</TR>
<TR>
  <TD></TD>
  <TD></TD>
  <TD></TD>
  <TD></TD>
  <TD></TD>
</TR>
</TABLE>
```

table cells



# HTML TABLE EXAMPLE

- **Syntax:**

```
<table border="1">
```

```
<tr>
```

```
<td>Cell1</td>
```

```
<td>Cell2</td>
```

```
</tr>
```

```
<tr>
```

```
<td>Cell3</td>
```

```
<td>Cell4</td>
```

```
</tr>
```

```
</table>
```

Cell1	Cell2
Cell3	Cell4



# HTML TABLE: <TABLE> ATTRIBUTES

Attribute	Description	Value	Syntax
border	Specify table border	pixels	<table border="1">
bordercolor	Specify color of table border	Color name or hexadecimal RGB code	<table bordercolor = "green" >
bgcolor	background color of the table	Color name or hexadecimal RGB code	<table bgcolor="yellow">
background	set background image for whole table	Image path	<table background = "/images/test.png">



# HTML TABLE: <TABLE> ATTRIBUTES

Attribute	Description	Value	Syntax
cellpadding	Space between the cell contents and it's border	Pixels or %	<table cellpadding="2">
cellspacing	Space between cells	Pixels or %	<table cellspacing="2">
align	Alignment of table	right left center	<table align="right">
Width height	Specifies the width and height of the table	Pixels or %	<table width="100%">

# HTML TABLE CAPTION

- **<caption> tag** defines a table **caption (title)**
- Must be inserted after the **<table>** tag
- Caption appearance(default) - Top of the table with center alignment.
- **Syntax:**  
`<table>`  
`<caption> Title </caption>`  
`<tr>.....</tr>`  
`</table>`





# HTML TABLE CAPTION: ATTRIBUTE

Attribute	Description	Value
align	Alignment of caption in the table	left - caption appears to the left of the table top - caption appears above the table right - caption appears to the right of the table bottom - caption appears below the table



# HTML TABLE CAPTION: EXAMPLE

```
<table border="1" bordercolor="green" width="100%">
```

```
  <caption> Cost of Fruits </caption>
```

```
</table>
```



# HTML TABLE: <TR> ELEMENTS

- <tr> element defines a row of table
- <tr> element contains one or more <th> or <td> elements

- **Syntax:**

```
<table>
```

```
<tr>
```

```
    <th> header1 </th>
```

```
</tr>
```

```
<tr>
```

```
    <td> cell1 </td>
```

```
</tr>
```

```
</table>
```



# HTML TABLE: <TR> ATTRIBUTES

Attribute	Description	Value	Syntax
align	Horizontal alignment of text	left, center, right, justify, char	<tr align="right">
bgcolor	background color of the row	Color name or hexadecimal RGB code	<tr bgcolor="red">
bordercolor	Sets border color of row	Color name or hexadecimal RGB code	<tr bordercolor="blue">
valign	Vertical alignment of text	top, middle, bottom, baseline	<tr valign="bottom">

# HTML TABLE :<TR> EXAMPLE

```
<table border="1" bordercolor="green" width="100%">
```

```
  <caption> Cost of Fruits </caption>
```

```
  <tr>
```

```
    </tr>
```

```
  <tr>
```

```
    </tr>
```

```
</table>
```

```
</body>
```



# HTML TABLE: <TD> ELEMENTS

- <td> element is standard data cell in an HTML table.
- Types of cells:
  - Header cells - contains header information (created with the <th> element)
  - Data cells - contains data (created with the <td> element)

- **Syntax:**

```
<table>
```

```
<tr>
```

```
    <th> header1 </th>
```

```
</tr>
```

```
<tr>
```

```
    <td> cell1 </td>
```

```
</tr>
```

```
</table>
```




# HTML TABLE :<TD> EXAMPLE

```
<table border="1" bordercolor="green">
  <caption> Cost of Fruits </caption>
  <tr>
    <th> Item </th>
    <th> Amount </th>
  </tr>
  <tr>
    <td> Bananas </td>
    <td> Rs. 20 </td>
  </tr>
  <tr>
    <td> Mangos </td>
    <td> Rs. 70 </td>
  </tr>
</table>
```



# HTML TABLE: <TD> ATTRIBUTES

Attribute	Description	Value	Syntax
align	Horizontal alignment of text	left, center, right, justify	<td align="right">
bgcolor	background color of cell	Color name or hexadecimal RGB code	<td bgcolor="pink">
valign	Vertical alignment of text	top, middle, bottom, baseline	<td valign="bottom">
Height/ width	Sets the height/width of the table cell	Pixels or %	<td height="50"> 



# HTML TABLE: <TD> ATTRIBUTES

Attribute	Description	Value	Syntax
colspan	Number of columns spanned by the current cell	number	<td colspan="2">
rowspan	Number of rows spanned by the current cell	number	<td rowspan="2">

Example:

Fruit Type	Item	Amount
Fruits price per KG		
Juicy Fruits	Orange	Rs. 20
	Mangos	Rs. 70



# HTML TABLE EXAMPLE

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	Theory	A	C+
Physics	Practical	C+	A
	Theory	A	B+



**Thank you**

