

# HTML Lists and Tables

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# Leni's Home Page

St.Michael's Academy

[SMA](#)

Adyar, Chennai

[leni@gmail](mailto:leni@gmail)

## My Favorite Stories:

- Harry Potter
- Ruskin Bond Stories
- Panchatantra Stories
- Barbie Story Collection
- Peppa Pig



List

## My Favorite Places:

### Favorite Places

LANDMARK	CITY	COUNTRY
TAJ MAHAL	AGRA	INDIA
LEANING TOWER	PISA	ITALY
EIFFEL TOWER	PARIS	FRANCE

# Leni's Home Page

St.Michael's Academy

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## My Favorite Stories:

- Harry Potter
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## My Favorite Places:

### Favorite Places

LANDMARK	CITY	COUNTRY
TAJ MAHAL	AGRA	INDIA
LEANING TOWER	PISA	ITALY
EIFFEL TOWER	PARIS	FRANCE



Table

```
<HTML>
<HEAD>
<TITLE>Leni's Page</TITLE>
</HEAD>
<BODY>
<H1>Leni's Home Page</H1>
<P><B>St.Michael's Academy</B><BR>
<A HREF="http://www.sma.edu.in/">SMA</A><BR>
Adyar, Chennai<BR>
<A HREF="mailto:leni@gmail.com">leni@gmail</A><BR></P>
<h2>My Favorite Stories:</h2>
<UL>
  <LI>Harry Potter</LI>
  <LI>Ruskin Bond Stories</LI>
  <LI>Panchatantra Stories</LI>
  <LI>Barbie Story Collection</LI>
  <LI>Peppa Pig</LI>
</UL>
```

Code for  
the list

<h2>My Favorite Places:</h2>

<TABLE BORDER=3 BORDERCOLOR="red">

<CAPTION><h3>Favorite Places</h3></CAPTION>

<TR BGCOLOR="PINK">

<TH>LANDMARK</TH>

<TH>CITY</TH>

<TH>COUNTRY</TH>

</TR>

<TR>

<TD>TAJ MAHAL</TD>

<TD>AGRA</TD>

<TD>INDIA</TD>

</TR>

<TR>

<TD>LEANING TOWER</TD>

<TD>PISA</TD>

<TD>ITALY</TD>

</TR>

<TR>

<TD>EIFFEL TOWER</TD>

<TD>PARIS</TD>

<TD>FRANCE</TD>

</TR>

</TABLE>

</BODY>

</HTML>

Code  
for the  
Table

# HTML Lists & Tables

- Lists are one way to present the data in an ordered or structured manner on Web pages
- Tables provide another - more customizable - way of displaying ordered information

# Types of Lists

1. Unordered Lists
2. Ordered Lists
3. Definition List

# Unordered List

<code>&lt;UL&gt;</code>	Un-ordered List
<code>&lt;LI&gt;</code>	Line Item



# Unordered List

## HTML Code

```
<UL>  
  <LI>Harry Potter</LI>  
  <LI>Ruskin Bond Stories</LI>  
  <LI>Panchatantra Stories</LI>  
  <LI>Barbie Story Collection</LI>  
  <LI>Peppa Pig</LI>  
</UL>
```

## Browser Display

- Harry Potter
- Ruskin Bond Stories
- Panchatantra Stories
- Barbie Story Collection
- Peppa Pig

# Unordered List Types

type	Result
“disc”	• disc (default)
“circle”	○ circle
“square”	◻ square
“none”	Items will not be marked

# UL Types

The default “bullet” for these lists is a “**disc**”

That, however, can be changed to a “**circle**” or a “**square**” with the help of the **type** attribute

# UL Square Type

## HTML Code

```
<UL type = "square">  
  <LI>Harry Potter</LI>  
  <LI>Ruskin Bond Stories</LI>  
  <LI>Panchatantra Stories</LI>  
  <LI>Barbie Story Collection</LI>  
  <LI>Peppa Pig</LI>  
</UL>
```

## Browser Display

- Harry Potter
- Ruskin Bond Stories
- Panchatantra Stories
- Barbie Story Collection
- Peppa Pig

# Nested List

```
<UL>
  <LI>Harry Potter</LI>
  <LI>Ruskin Bond Stories</LI>
    <UL type="circle">
      <LI>Crazy Times With Uncle Ken</LI>
      <LI>Rusty, the Boy from the Hills</LI>
      <LI>The Day Grandfather Tickled a Tiger</LI>
      <LI>The Room On The Roof</LI>
      <LI>The Blue Umbrella</LI>
      <LI>The Cherry Tree</LI>
    </UL>
  <LI>Panchatantra Stories</LI>
  <LI>Barbie Story Collection</LI>
  <LI>Peppa Pig</LI>
</UL>
```

# Nested List

1. Different bullets
2. Additional tab

Another list starts  
before the first list is  
finished, are called  
**Nested Lists**

## Browser Display

- Harry Potter
- Ruskin Bond Stories
  - Crazy Times With Uncle Ken
  - Rusty, the Boy from the Hills
  - The Day Grandfather Tickled a Tiger
  - The Room On The Roof
  - The Blue Umbrella
  - The Cherry Tree
- Panchatantra Stories
- Barbie Story Collection
- Peppa Pig

# Ordered List

<code>&lt;OL&gt;</code>	Ordered List
<code>&lt;LI&gt;</code>	Line Item

# Ordered List

## HTML Code

OL  
instead  
of UL

```
<OL>  
  <LI>Harry Potter</LI>  
  <LI>Ruskin Bond Stories</LI>  
  <LI>Panchatantra Stories</LI>  
  <LI>Barbie Story Collection</LI>  
  <LI>Peppa Pig</LI>  
</OL>
```

## Browser Display

1. Harry Potter
2. Ruskin Bond Stories
3. Panchatantra Stories
4. Barbie Story Collection
5. Peppa Pig

Numbers instead  
of discs, circles or  
squares



# Ordered List Types

<b>type</b>	<b>Result</b>
<b>“A”</b>	A, B, C, ...
<b>“a”</b>	a, b, c, ...
<b>“I”</b>	I, II, III, IV, ...
<b>“i”</b>	i, ii, iii, iv, ...
<b>“1”</b>	1, 2, 3, ...

# OL type="A"

## HTML Code

```
<OL type= "A" >  
  <LI>Harry Potter</LI>  
  <LI>Ruskin Bond Stories</LI>  
  <LI>Panchatantra Stories</LI>  
  <LI>Barbie Story Collection</LI>  
  <LI>Peppa Pig</LI>  
</OL>
```

## Browser Display

- A. Harry Potter
- B. Ruskin Bond Stories
- C. Panchatantra Stories
- D. Barbie Story Collection
- E. Peppa Pig

# OL-Nested List

```
<OL>
  <LI>Harry Potter</LI>
  <LI>Ruskin Bond Stories</LI>
    <OL type="i">
      <LI>Crazy Times With Uncle Ken</LI>
      <LI>Rusty, the Boy from the Hills</LI>
      <LI>The Day Grandfather Tickled a Tiger</LI>
      <LI>The Room On The Roof</LI>
      <LI>The Blue Umbrella</LI>
      <LI>The Cherry Tree</LI>
    </OL>
  <LI>Panchatantra Stories</LI>
  <LI>Barbie Story Collection</LI>
  <LI>Peppa Pig</LI>
</OL>
```

# OL-Nested List

1. Harry Potter
2. Ruskin Bond Stories
  - i. Crazy Times With Uncle Ken
  - ii. Rusty, the Boy from the Hills
  - iii. The Day Grandfather Tickled a Tiger
  - iv. The Room On The Roof
  - v. The Blue Umbrella
  - vi. The Cherry Tree
3. Panchatantra Stories
4. Barbie Story Collection
5. Peppa Pig

**Q:** How would one start an ordered list with something other than 1

## Browser Display

5. Harry Potter
6. Ruskin Bond Stories
7. Panchatantra Stories
8. Barbie Story Collection
9. Peppa Pig

# OL start="5"

## HTML Code

```
<OL start= "5" >  
  <LI>Harry Potter</LI>  
  <LI>Ruskin Bond Stories</LI>  
  <LI>Panchatantra Stories</LI>  
  <LI>Barbie Story Collection</LI>  
  <LI>Peppa Pig</LI>  
</OL>
```

## Browser Display

5. Harry Potter
6. Ruskin Bond Stories
7. Panchatantra Stories
8. Barbie Story Collection
9. Peppa Pig

# Definition List

<DL>	Definition List
<DT>	Term
<DD>	Definition

# Definition List

<DL>

<DT>HTML</DT>

<DD>Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser. </DD>

<DT>WWW</DT>

<DD> The World Wide Web (WWW), commonly known as the Web, is an information system where documents and other web resources are identified by Uniform Resource Locators which may be interlinked by hypertext, and are accessible over the Internet.</DD>

</DL>

# Browser Display

Term

HTML

Hypertext Markup Language (HTML) is the standard markup language for documents designed to be displayed in a web browser.

WWW

The World Wide Web (WWW), commonly known as the Web, is an information system where documents and other web resources are identified by Uniform Resource Locators which may be interlinked by hypertext, and are accessible over the Internet.

Definition



# HTML tables

## Browser Display

LANDMARK	CITY	COUNTRY
TAJ MAHAL	AGRA	INDIA
LEANING TOWER	PISA	ITALY
EIFFEL TOWER	PARIS	FRANCE

<b>&lt;TABLE&gt;</b>	<b>Table</b> (made up of rows)
<b>&lt;TR&gt;</b>	<b>Row</b> (made up of data cells)
<b>&lt;TH&gt;</b>	<b>Heading Data Cell</b> (Can contain paragraphs, images, lists, forms, tables)
<b>&lt;TD&gt;</b>	<b>Data Cell</b> (Can contain paragraphs, images, lists, forms, tables)

# HTML Code

```
<TABLE BORDER=3>
<TR>
  <TH>LANDMARK</TH>
  <TH>CITY</TH>
  <TH>COUNTRY</TH>
</TR>
<TR>
  <TD>TAJ MAHAL</TD>
  <TD>AGRA</TD>
  <TD>INDIA</TD>
</TR>
<TR>
  <TD>LEANING TOWER</TD>
  <TD>PISA</TD>
  <TD>ITALY</TD>
</TR>
<TR>
  <TD>EIFFEL TOWER</TD>
  <TD>PARIS</TD>
  <TD>FRANCE</TD>
</TR>
</TABLE>
```

# Browser Display

LANDMARK	CITY	COUNTRY
TAJ MAHAL	AGRA	INDIA
LEANING TOWER	PISA	ITALY
EIFFEL TOWER	PARIS	FRANCE

# HTML Code

```
<TABLE>
<TR>
  <TH>LANDMARK</TH>
  <TH>CITY</TH>
  <TH>COUNTRY</TH>
</TR>
<TR>
  <TD>TAJ MAHAL</TD>
  <TD>AGRA</TD>
  <TD>INDIA</TD>
</TR>
<TR>
  <TD>LEANING TOWER</TD>
  <TD>PISA</TD>
  <TD>ITALY</TD>
</TR>
<TR>
  <TD>EIFFEL TOWER</TD>
  <TD>PARIS</TD>
  <TD>FRANCE</TD>
</TR>
</TABLE>
```

# Browser Display

LANDMARK	CITY	COUNTRY
TAJ MAHAL	AGRA	INDIA
LEANING TOWER	PISA	ITALY
EIFFEL TOWER	PARIS	FRANCE

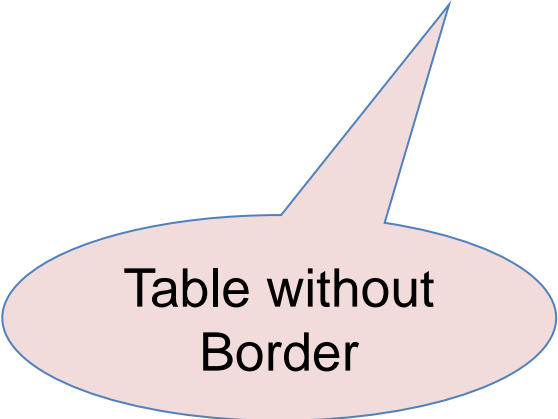


Table without  
Border

# <TABLE> Attributes

- BORDER
  - Determines the thickness of the table border
  - Example: `<TABLE BORDER = "2">`
- BORDERCOLOR
  - The color of the table borders as a whole is set with the BORDERCOLOR attribute

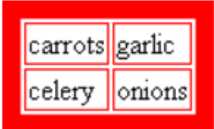
`<TABLE BORDER=10 BORDERCOLOR=RED>`

Netscape maintains the 3-D appearance.

Browser

How it Looks

Internet Explorer



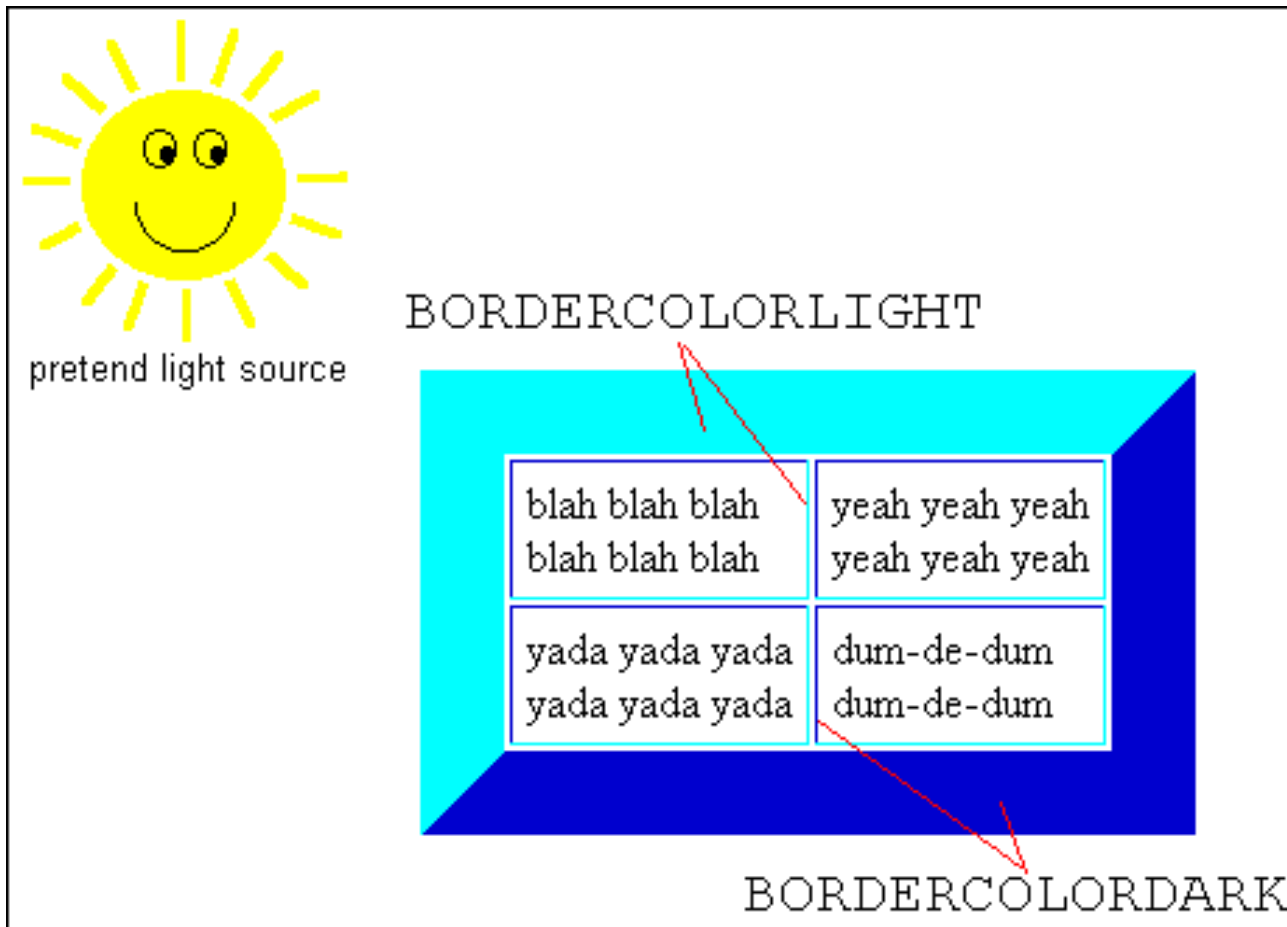
carrots	garlic
celery	onions

Netscape



carrots	garlic
celery	onions

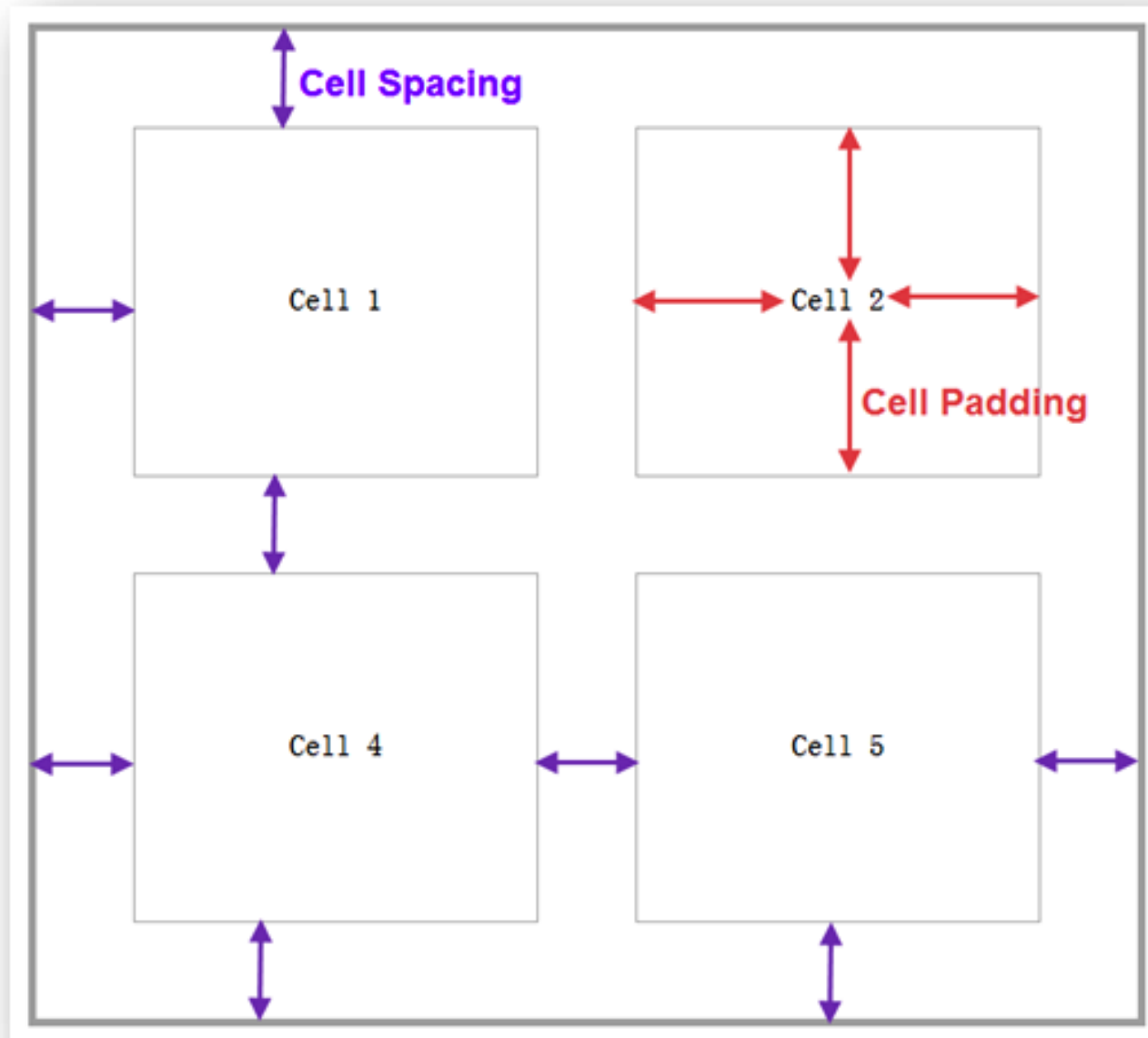
# BORDERCOLORLIGHT, BORDERCOLORDARK



```
<TABLE BORDER=10 BORDERCOLORLIGHT=YELLOW BORDERCOLORDARK=BLUE>
```

# <TABLE> Attributes

- CELLPADDING
  - Determines the distance between the border of a cell and the contents of the cell
  - Example: <TABLE CELLPADDING = “3”>
- CELLSPACING
  - Determines the empty spacing between the borders of two adjacent cells
  - Example: <TABLE CELLSPACING = “1”>





# <TABLE>,<TR>,<TH>,<TD> Attributes

- ALIGN
  - Possible values: Center, Left, Right
  - Example: `<TH ALIGN = "center">`
- BGCOLOR
  - Example: `<TH BGCOLOR = "green">`
- BORDERCOLOR
  - Example: `<TD BORDERCOLOR = "red">`
- WIDTH
  - Example: `<TR WIDTH = "40%">`
- HEIGHT
  - Example: `<TABLE HEIGHT = "200">`

# <TR> Attributes

- VALIGN
  - Determines the vertical alignment of the contents of all of the cells in a particular row
  - Possible values: Top, Middle, Bottom
  - Example: `<TR VALIGN = "bottom">`

# <TH> & <TD> Attributes

- NOWRAP
  - Extend the width of a cell, if necessary, to fit the contents of the cell in a single line
  - Example: `<TD NOWRAP>`
- COLSPAN
  - No. of rows the current cell should extend itself downward
  - Example: `<TD COLSPAN = "2">`
- ROWSPAN
  - The number of columns the current cell should extend itself
  - Example: `<TD ROWSPAN = "5">`
- VALIGN
  - Same as that for <TR>

# HTML Code

```
<TABLE BORDER=3>
<TR BGCOLOR="PINK">
  <TH COLSPAN=3>HOT PLACES</TH>
</TR>
<TR>
  <TH>LANDMARK</TH>
  <TH>CITY</TH>
  <TH>COUNTRY</TH>
</TR>
<TR>
  <TD>TAJ MAHAL</TD>
  <TD>AGRA</TD>
  <TD>INDIA</TD>
</TR>
<TR>
  <TD>LEANING TOWER</TD>
  <TD>PISA</TD>
  <TD>ITALY</TD>
</TR>
<TR>
  <TD>EIFFEL TOWER</TD>
  <TD>PARIS</TD>
  <TD>FRANCE</TD>
</TR>
</TABLE>
```



# Browser Display

HOT PLACES		
LANDMARK	CITY	COUNTRY
TAJ MAHAL	AGRA	INDIA
LEANING TOWER	PISA	ITALY
EIFFEL TOWER	PARIS	FRANCE

# HTML Code

```
<TABLE BORDER=3>
<CAPTION><h3>Favorite Places</h3>
</CAPTION>
<TR BGCOLOR="PINK">
  <TH COLSPAN=3>HOT PLACES</TH>
</TR>
<TR>
  <TH>LANDMARK</TH>
  <TH>CITY</TH>
  <TH>COUNTRY</TH>
</TR>
<TR>
  <TD>TAJ MAHAL</TD>
  <TD>AGRA</TD>
  <TD>INDIA</TD>
</TR>
<TR>
  <TD>LEANING TOWER</TD>
  <TD>PISA</TD>
  <TD>ITALY</TD>
</TR>
<TR>
  <TD>EIFFEL TOWER</TD>
  <TD>PARIS</TD>
  <TD>FRANCE</TD>
</TR>
</TABLE>
```

Caption

# Browser Display

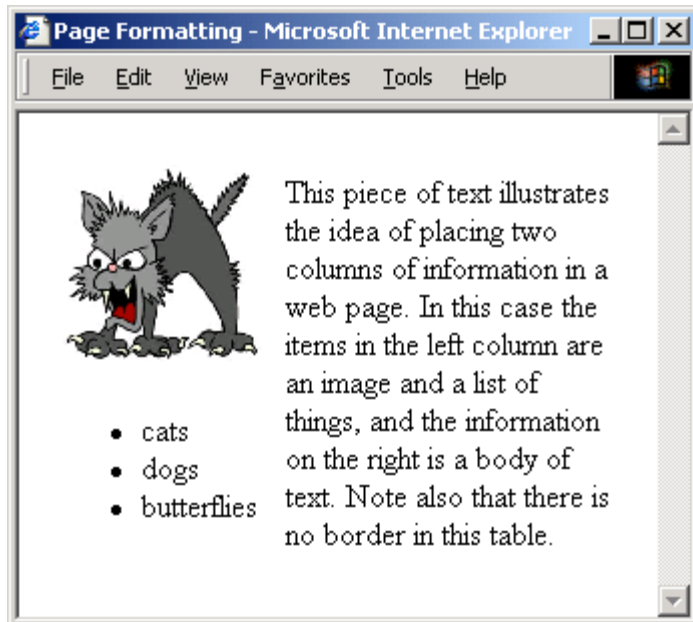
## Favorite Places

HOT PLACES		
LANDMARK	CITY	COUNTRY
TAJ MAHAL	AGRA	INDIA
LEANING TOWER	PISA	ITALY
EIFFEL TOWER	PARIS	FRANCE

Caption. Placed immediately after the<TABLE> tag

# Page formatting

- Tables can be used to organise the layout of the web page itself



```
</body>
<table border="0" cellspacing="10">
  <tr>
    <td>
      
      <ul>
        <li>cats</li>
        <li>dogs</li>
        <li>butterflies</li>
      </ul>
    </td>
    <td>
      This piece of text illustrates
      the idea of placing two columns
      of information in a web page...
      Note also that there is no
      border in this table.
    </td>
  </tr>
</table>
</body>
```

Year	Quarter	Expenses		Income	
		Quetta	Dubai	Quetta	Dubai
2001	1	1,900	8,650	9,000	7,780
	2	2,230	8,650	8,500	8,670
	3	4,000	8,650	9,900	9,870
	4	2,200	8,650	9,800	9,900
2002	1	7,780	8,650	7,780	9,000
	2	8,670	8,650	8,670	8,500
	3	9,870	8,650	9,870	9,900
	4	9,900	8,650	9,900	9,800

Time Table					
Hours	Mon	Tue	Wed	Thu	Fri
	Science	Maths	Science	Maths	Arts
	Social	History	English	Social	Sports
	Lunch				
	Science	Maths	Science	Maths	Project
	Social	History	English	Social	



## References

HTML Lists & Tables

[www.atafkhan.com › html-lists-tables](http://www.atafkhan.com/html-lists-tables)