



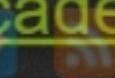
Column 1	Column 2	Column 3	Column 4
Data	Data	Data	Data
Data	Data	Data	Data
Data	Data	Data	Data
Data	Data	Data	Data

HTML Tables

HTML Basics

Telerik Software Academy

<https://telerikacademy.com>



10101010101001010101010101011
1010101010100101010101010100
10101010101010101010101110101
101010101010111010110101010111
101010101010010101010101010101
1010101010101010101010101010101
1010101010101010101010101010101
10101010101001010101011101010101
HT₅L 101
1010101010101010101010101010101
1010101010101010101010101010101
1010101010101010101010101010101

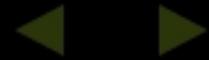




- [HTML Tables](#)
 - [Simple Tables](#)
 - [Data cells and Header cells](#)
 - [Complete HTML Tables](#)
- [Nested Tables](#)
- [Complex tables](#)
 - [Cell Spacing and Padding](#)
 - [Column and Row Span](#)



Follow us





US time	Europe date (DST) & time	T-N-D date & time	Dollar	Chinese money	IP address	Name	Numbers
28/10/1965	03-03-24	1967-06-22 06:07:36 PM	TMB 4	98.176.35.80	26.32 E+03		
Fri Mar 22 21:48:49 UTC +0200 1957			TMB -61.30	162.117.253.34	dysi dask		
Thu, 16 Feb 2002 08:24:20 UTC	06-07-99 06:05:01 AM	01-02-00 09:09:54 AM	TMB -108.83	322.205.50.6	borko dykse	-191.453.-05	
Monday, May 10, 199� 4:47:31 PM	06-09-05 05:11:16 AM		TMB 13.16		dysi hule	-131.203.-01	
09-28-2000	28/11/1957		\$-38.77	TMB 112.42	18.182.151.209		
		97-08-13 00:01:33 AM	\$14.45	TMB -1.75	99.91.147.150	dysi tschai	-187.283.-05
		87-09-16	\$84.66	TMB 61.14		clite mire	-125.198.-05
Sat, 9 Jan 1982 05:45:06 UTC	04-06-68	74-10-20	\$20.47		121.169.225.22	dyna bama	138.11E-02
04/05/78		2009-03-20	\$88.84	TMB 88.19	299.133.227.88	made lete	185.44 E+03
Monday, July 15, 2002 10:53:02 AM	01-02-1961 09:40:16 AM		\$97.9	TMB 44.28	223.46.228.116	mava sone	-187
This is footer	now	number	0\$NE!	ad!	ad!	ad!	ad!

HTML Tables

htmltable1 - notepad

```
<html>
  <head>
    <title>How To Create HTML Tables</title>
  </head>
  <body>
    <table border=1 cellspacing=0 cellpadding=0>
      <tr>
        <td width=110 valign=top>
          <br>upper left corner
        </td>
        <td width=110 valign=top>
          <br>upper right corner
        </td>
      </tr>
      <tr>
        <td width=110 valign=top>
          <br>left center cell
        </td>
        <td width=110 valign=top>
          <br>right center cell
        </td>
      </tr>
      <tr>
        <td width=110 valign=top>
          <br>lower left corner
        </td>
        <td width=110 valign=top>
          <br>lower right corner
        </td>
      </tr>
    </table>
  </body>
</html>
```

Title	Title	Title	Title	Title	Title
Data	Data	Data	Data	Data	Data
Data	Data	Data	Data	Data	Data
Data	Data	Data	Data	Data	Data
Data	Data	Data	Data	Data	Data
Data	Data	Data	Data	Data	Data





- **Tables represent tabular data**
 - A table consists of one or several rows
 - Each row has one or more columns
- **Tables are comprised of several core tags:**
 - `<table></table>`: begin/end table definition
 - `<tr></tr>`: create a table row
 - `<td></td>`: create tabular data (cell)
- **Tables should not be used for layout**
 - Use CSS floats and positioning styles instead

Follow us





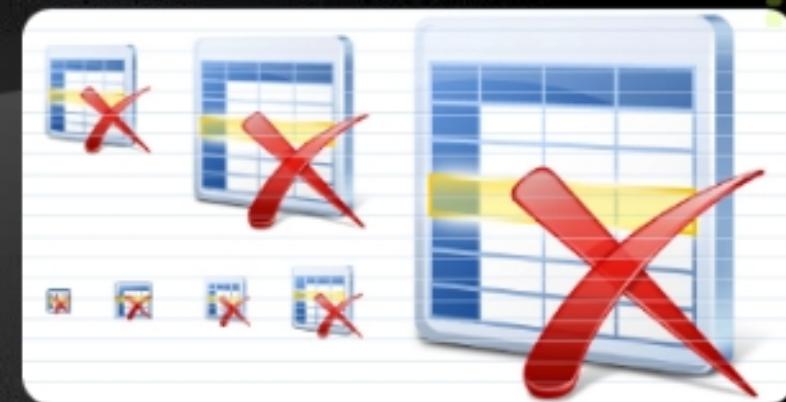
Simple HTML Tables – Example

```
<table cellspacing="0" cellpadding="5">
  <tr>
    <td></td>
    <td><a href="lecture1.ppt">Lecture 1</a></td>
  </tr>
  <tr>
    <td></td>
    <td><a href="lecture2.ppt">Lecture 2</a></td>
  </tr>
  <tr>
    <td></td>
    <td>
      <a href="lecture2-demos.zip">Lecture 2 - Demos</a>
    </td>
  </tr>
</table>
```

Follow us



Important Birthdays		
Name	Age	Date of Birthday
Emily	8 years	3 September
Jack	12 years	28 April

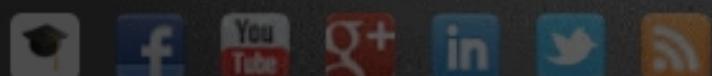


Simple HTML Tables

Demo



Follow us



First Name	Last Name	Date of Birth	Account Balance	Gender
A	B	20-Feb-1962	12,345.67	<input checked="" type="checkbox"/>
C	D	6-Jan-1987	23,456.779	<input checked="" type="checkbox"/>
E	F	31-Aug-1989	34,567.891	<input type="checkbox"/>
G	H	16-Jan-1945	-456.7	<input type="checkbox"/>
I	J	2-Aug-1907	567	<input type="checkbox"/>





Data Cells and Header Cells

- Two kinds of cells in HTML tables
 - Data **cells** – containing the table data
 - Header **cells** – used for the column names or some more important cells
- Why two kinds of cells?
 - Used to semantically separate the cells

```
<tr>
    <th>Full Name</th> <th>Mark</th>
</tr>
<tr>
    <td>Doncho Minkov</td> <td>Very good (5)</td>
</tr>
<tr>
    <td>Georgi Georgiev</td> <td>Excellent (6)</td>
</tr>
```



Data and Header Cells

Demo



Follow us





Complete HTML Tables

With Header, Footer and Body



Follow us





- Table rows split into three semantic sections:
header, body **and** footer
 - `<thead>` denotes table header and contains `<th>` elements, instead of `<td>` elements
 - `<tbody>` denotes collection of table rows that contain the very data
 - `<tfoot>` denotes table footer but comes **BEFORE** the `<tbody>` tag
 - `<colgroup>` and `<col>` define columns (used to set column widths)

Follow us





Complete HTML Table: *Example*

```
<table>
  <colgroup>
    <col style="width:100px" /><col />
  </colgroup>
  <thead>
    <tr><th>Column 1</th><th>Column 2</th></tr>
  </thead>
  <tfoot>
    <tr><td>Footer 1</td><td>Footer 2</td></tr>
  </tfoot>
  <tbody>
    <tr><td>Cell 1.1</td><td>Cell 1.2</td></tr>
    <tr><td>Cell 2.1</td><td>Cell 2.2</td></tr>
  </tbody>
</table>
```

Follow us





Complete HTML Table: *Example*

```
<table>
  <colgroup>
    <col style="width:200px" /><col />
  </colgroup>
  <thead>
    <tr><th>Column 1</th><th>Column 2</th></tr>
  </thead>
  <tfoot>
    <tr><td>Footer 1</td><td>Footer 2</td></tr>
  </tfoot>
  <tbody>
    <tr><td>Cell 1.1</td><td>Cell 1.2</td></tr>
    <tr><td>Cell 2.1</td><td>Cell 2.2</td></tr>
  </tbody>
</table>
```

Follow us





Complete HTML Table: *Example*

```
<table>
  <colgroup>
    <col style="width:2
  </colgroup>
  <thead>
    <tr><th>Column 1</t
  </thead>
  <tfoot>
    <tr><td>Footer 1</ta
  </tfoot>
  <tbody>
    <tr><td>Cell 1.
    <tr><td>Cell 2.
  </tbody>
</table>
```

Column 1	Column 2
Cell 1.1	Cell 1.2
Cell 2.1	Cell 2.2
Footer 1	Footer 2

Although the footer is before the data in the code, it is displayed last

Follow us





Complete HTML Tables

Demo



Follow us



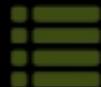


Nested Tables

Tables in Tables in Tables in Tables...



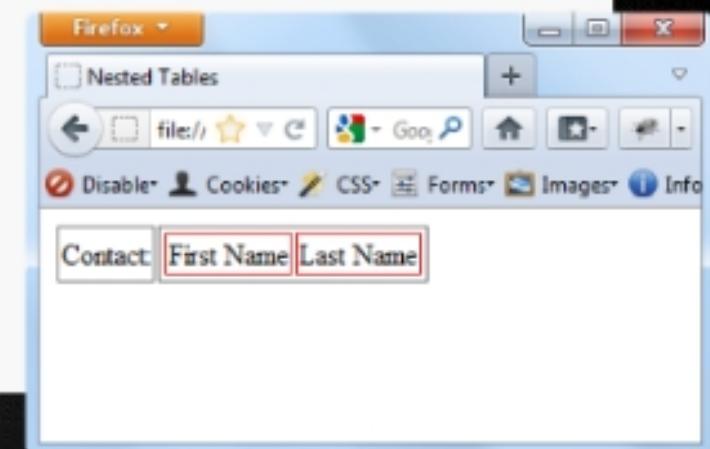
Follow:



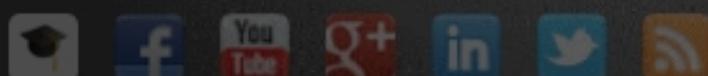
Nested Tables

- Table **cells** (`<td>`) can contain **nested tables** (tables within tables):

```
<table>
  <tr>
    <td>Contact:</td>
    <td>
      <table>
        <tr>
          <td>First Name</td>
          <td>Last Name</td>
        </tr>
      </table>
    </td>
  </tr>
</table>
```



Follow us





Order ID	Customer ID	Shipper ID	Order Date	Ship Via	Freight
No client info.					
10000	FRANS	6	Friday, May... 3	UPS	4.65
Order ID	Product ID	Unit Price	Quantity		
10000	27	27	4		
10001	MEREP	3	1	Mond... 3	79.45
Order ID	Product ID	Unit Price	Quantity		
10001	25	18	38		
10001	40	12.8	40		
10001	59	28.5	8		
10001	64	23	15		
10002	FOLKO	3	1	Tuesday, M... 3	36.38
10003	SCBGB	3	1	Wednesday, M... 1	18.59

Nested Tables

Demo



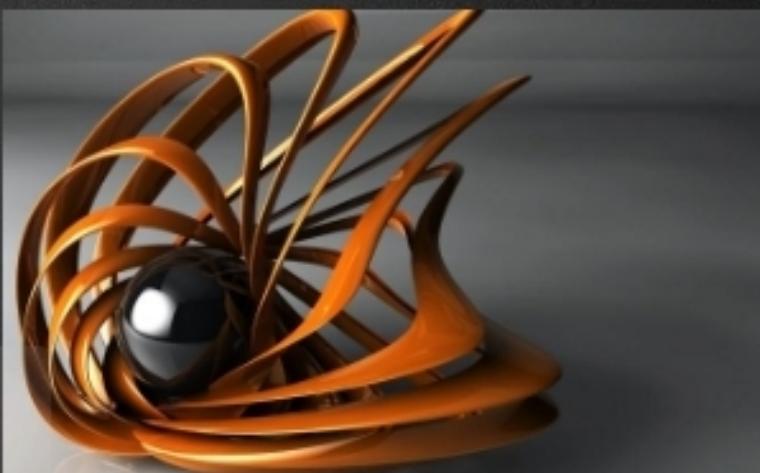
Follow us





Complex Tables

With Padding, Spacing and Stuff



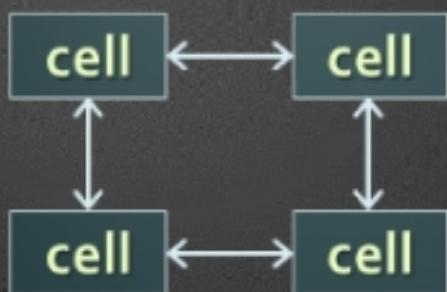
Follow us





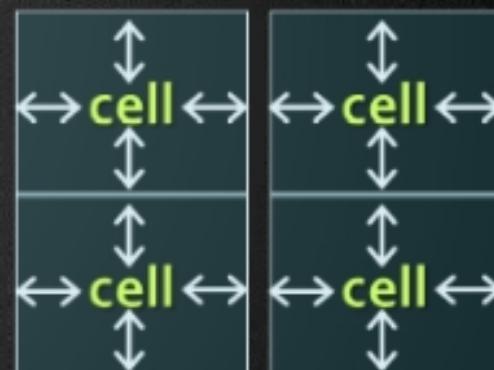
Cell Spacing and Padding

cell spacing



Defines the empty space between cells

cell padding



Defines the empty space around the cell content

Follow us





Cell Spacing and Padding – Example

```
<html>
  <head><title>Table Cells</title></head>
  <body>
    <table cellspacing="15" cellpadding="0">
      <tr>
        <td>First</td>
        <td>Second</td>
      </tr>
    </table>
    <br/>
    <table cellspacing="0" cellpadding="10">
      <tr>
        <td>First</td>
        <td>Second</td>
      </tr>
    </table>
  </body>
</html>
```



Cell Spacing and Padding – Example

```
<html>
  <head><title>Table Cells</title></head>
  <body>
    <table cellspacing="15" cellpadding="0">
      <tr>
        <td>First</td>
        <td>Second</td>
      </tr>
    </table>
    <br/>
    <table cellspacing="0" cellpadding="10">
      <tr>
        <td>First</td>
        <td>Second</td>
      </tr>
    </table>
  </body>
</html>
```

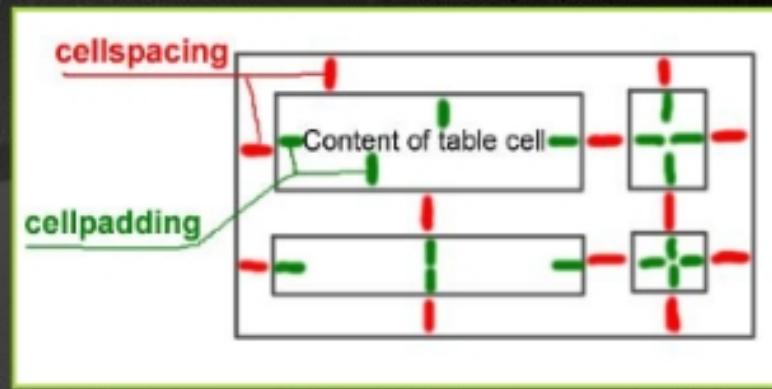
The screenshot shows a web browser window titled "Cell Spacing and Cell Padding". The address bar indicates the file is located at "file:///C:/COURS". The browser interface includes standard navigation buttons (back, forward, search, etc.) and a toolbar.

This table has cellspacing 15 and cellpadding 0

First	Second
-------	--------

This table has cellspacing 0 and cellpadding 10

First	Second
-------	--------



Cell Spacing and Cell Padding

Demo

Address C:\fycenter\cellspacing.html

cellspacing="0"

Description	Qty	Price
Email Account	10	\$9.90
FYIcenter.com Ad	1	\$99.00
1-year Access	1	\$199.00

cellspacing="8"

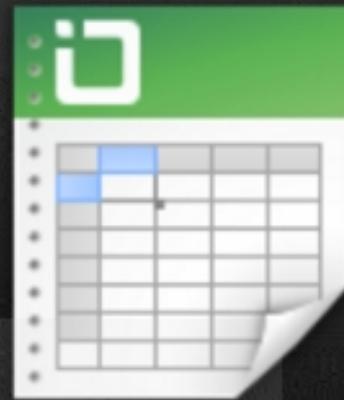
Description	Qty	Price
Email Account	10	\$9.90
FYIcenter.com Ad	1	\$99.00
1-year Access	1	\$199.00





Row and Column Spans

How to Make a Two-Cells Column or Row?



Follow us





Column and Row Span

colspan

colspan="1"

cell[1,1]

colspan="1"

cell[1,2]

cell[2,1]

colspan="2"

Defines how
many columns
the cell occupies

rowspan

rowspan="2"

cell[1,1]

rowspan="1"

cell[1,2]

cell[2,1]

rowspan="1"

Defines how
many rows the
cell occupies

Follow us



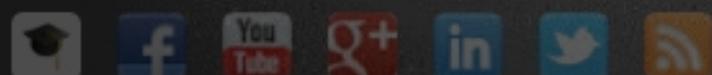


Column and Row Span – *Example -->*

```
<table cellspacing="0">
  <tr class="1">
    <td>Cell[1,1]</td>
    <td colspan="2">Cell [2,1]</td>
  </tr>
  <tr class="2">
    <td>Cell[1,2]</td>
    <td rowspan="2">Cell [2,2]</td>
    <td>Cell[3,2]</td>
  </tr>
  <tr class="3">
    <td>Cell[1,3]</td>
    <td>Cell [2,3]</td>
  </tr>
</table>
```

Cell[1,1]	Cell[2,1]
Cell[1,2]	Cell[3,2]
Cell[1,3]	Cell[2,3]

Follow us





Row and Column Spans

Demo

123			
1	2	3	+
4	5	6	-
7	8	9	*
0	.		/

Follow us

