

US time	European date (D-M-Y) & time	Y-M-D date & time	Dollar	Chinese money	IP addresses	Names	Numbers
	28/10/1965	83-03-24		YMB 4	98.176.35.80		26.32 E +03
Fri Mar 22 21:48:49 UTC+0200 1957		1967-08-22 06:07:16 PM		YMB -81.38	162.117.253.34	dysc chik	
Thu 14 Feb 2002 04:24:20 UTC	06/07/99 06:46:01 AM	81-02-04 09:09:54 AM		YMB -108.83	122.205.50.6	bochai dyckas	-291.45E-05
Monday, May 30, 1994 4:47:31 PM	06/09/05 05:11:16 AM			YMB 33.16		dydy bolke	-131.20E-01
09/28/2000	24/11/1957		5-38.77	YMB 112.42	15.192.151.209		
Mon, 29 Oct 1979 00:44:03 UTC		97-06-13 00:01:33 AM	114.5	YMB -1.75	99.93.147.150	dychai touchai	-187.28E-05
Sat, 9 Jan 1982 05:45:06 UTC	04/06/68	87-10-16	\$14.86	YMB 61.14		chite make	-125.19 E -03
04/05/78		74-10-20	\$20.47		121.169.224.22	dyma bmas	138.11E+02
		2006-03-20	568.84	YMB 88.19	239.133.247.68	made lete	195.44 E -03
Monday, July 15, 2002 1:05:02 AM	01/02/1961 09:40:16 AM		597.9	YMB 44.28	223.66.228.116	marva sete	-107
Go to footer	row	number	ONE!	adef	adef	adef	adef
Go to page	row	number	ONE!	adef	adef	adef	adef
Go to page	row	number	ONE!	adef	adef	adef	adef

HTML Tables

Course Code: CIS121

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Lecturer (CIS),

Daffodil International University (DIU)

```

<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

HTML Tables

- ◆ Tables represent tabular data
 - ◆ A table consists of one or several rows
 - ◆ Each row has one or more columns
- ◆ Tables comprised of several core tags:
 - `<table></table>`: begin / end the table
 - `<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

HTML Tables (2)

- ◆ Start and end of a table

```
<table> ... </table>
```

- ◆ Start and end of a row

```
<tr> ... </tr>
```

- ◆ Start and end of a cell in a row

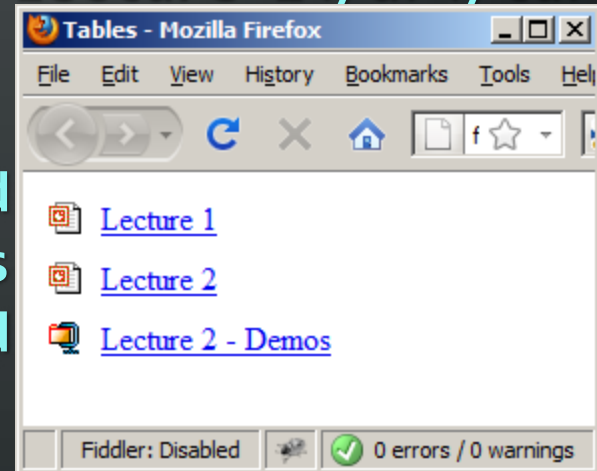
```
<td> ... </td>
```

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>
```

Simple HTML Tables – Example (2)

```
<table cellpadding="0" cellspacing="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">Lecture 2 - Demos</a></td>
  </tr>
</table>
```



Complete HTML Tables

- ◆ 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 (most often used to set column widths)

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>
```

columns

header

th

footer

Last comes the body (data)

Complete HTML Table: Example (2)

By default, header text is bold and centered.

table-full.html

```
<table>
<colgroup>
  <col style="width
</colgroup>
<thead>
  <tr><th>Column 1<
</thead>
<tfoot>
  <tr><td>Footer 1</td><td>Footer 2</td></tr>
</tfoot>
<tbody>
  <tr><td>Ce
  <tr><td>Ce
</tbody>
</table>
```

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

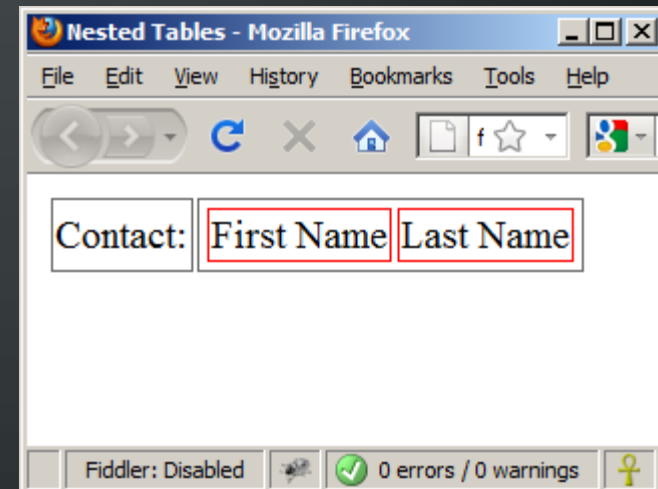
Although the footer is before the data in the code, it is displayed last

Nested Tables

- ◆ Table data “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>
```

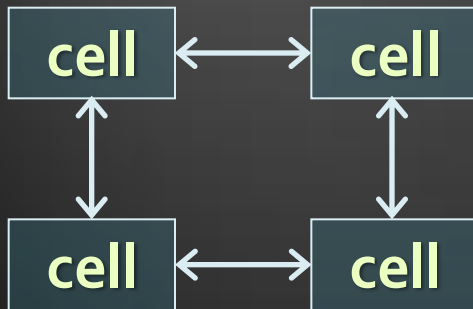
nested-tables.html



Cell Spacing and Padding

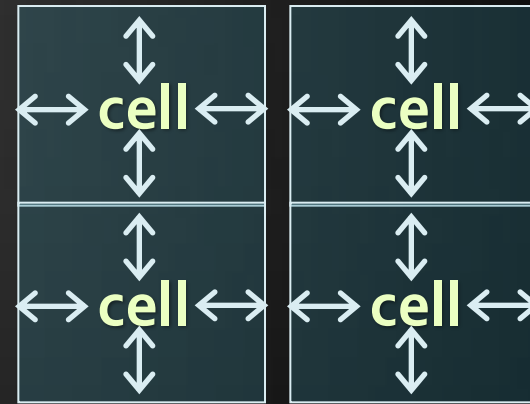
- ◆ Tables have two important attributes:

- ◆ `cellspacing`



- ◆ Defines the empty space between cells

- ◆ `cellpadding`



- ◆ Defines the empty space around the cell content

Cell Spacing and Padding – Example

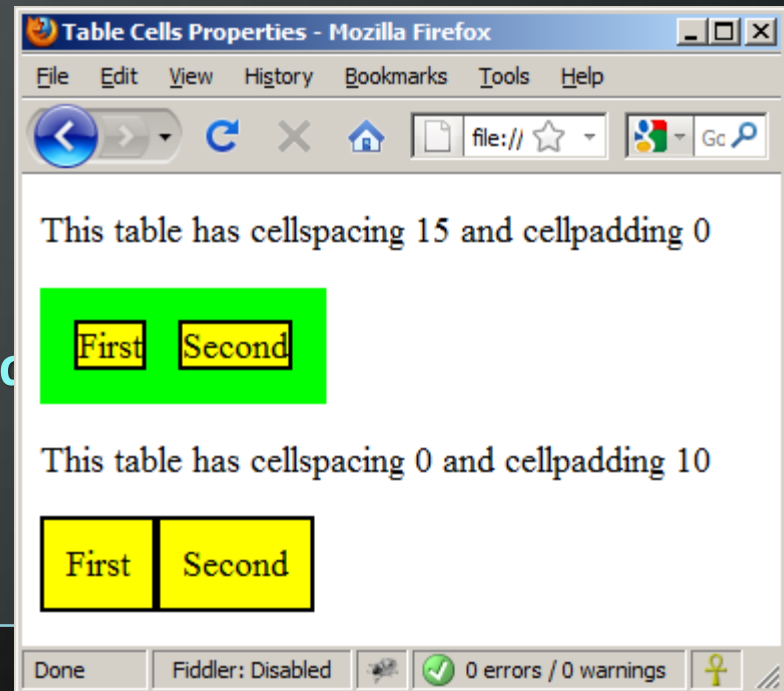
table-cells.html

```
<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 (2)

table-cells.html

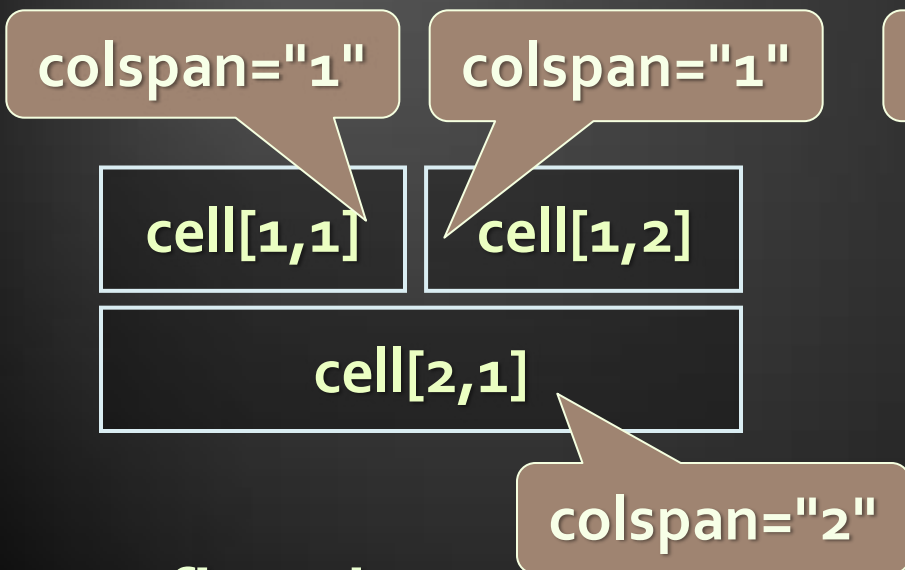
```
<html>
  <head><title>Table Cells</title></head>
  <body>
    <table cellspacing="15" cellpadding="0">
      <tr><td>First</td>
      <td>Second</td></tr>
    </table>
    <br/>
    <table cellspacing="0" cellpadding="10">
      <tr><td>First</td><td>Second</td></tr>
    </table>
  </body>
</html>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



Column and Row Span

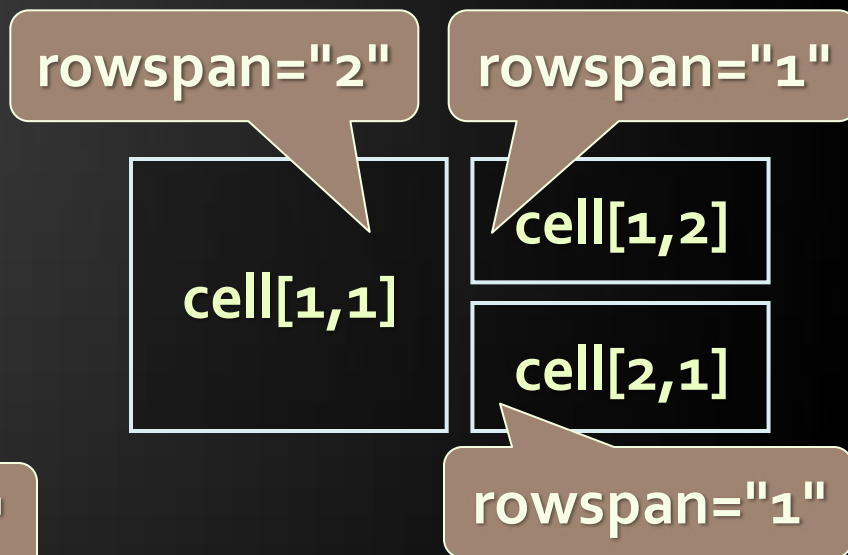
- ◆ Table cells have two important attributes:

- ◆ colspan



- ◆ Defines how many columns the cell occupies

- ◆ rowspan



- ◆ Defines how many rows the cell occupies

Column and Row Span – Example

table-colspan-rowspan.html

```
<table cellpadding="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>
```

Column and Row Span – Example (2)

table-colspan-rowspan.html

```
<table cellpadding="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[2,2]	Cell[3,2]
Cell[1,3]		Cell[2,3]