



## **Client Side Technologies**

### **HTML Tables**



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## Quiz...?

- 1- In HTML we should always use Absolute Path. (True False)
- 2- In this sample HTML code

```
<meta http-equiv="Page-Enter" content="revealTrans(Duration=1.0,Transition=2)">
```

(meta) is Tag name, (http-equiv) is Attribute, and (Duration) is another attribute. (True – False)

3- This piece of HTML Code, will write on the page:

<div>Course Name:</div> is <span> HTML</span> Introduction.

(Course Name: is HTML introduction). (True – False)



## Table tags

### ☐ Tag:

Used to define main table layout,
 and specifies start and the end
 of the table structure.

### $\square$ Tag:

 Used to define row inside the table, and Specifies row start and end.

### $\square$ or Tag:

Used to define columns inside each row,
 and this tag contains cell data.

o used with the header cell and make it centered and bold.

Computer Models Manufacturer Model Price P325+ \$2500 City Computers MidWest CPU 586/Ultra \$2700 P133/+ \$2450 CowCity Computers CMF Computers P150z \$2610

Text in cells formatted with the tag is bold and centered above each table column.



# Table tags (Cont.)

### **☐** Simple Table Example:

two rows

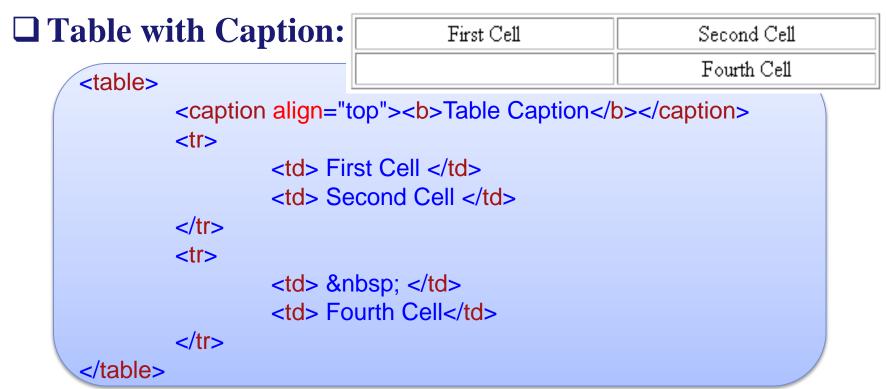
First Cell
Second Cell
Third Cell
Fourth Cell

two columns



## Table tags (Cont.)

#### **Table Caption**



#### □ Note:

o To make empty cell in table structure put **&nbsp**; in tag of the cell. If you left tag empty, the border of this cell will not appear.



# tag attributes

Attribute	Value	Description
align	left center right	Not supported in HTML5. Use styles instead. Specifies the alignment of a table according to surrounding text
bgcolor	rgb(x,x,x) #xxxxxx colorname	Not supported in HTML5. Use styles instead. Specifies the background color for a table
border	0 or 1.	Not supported in HTML5. Use styles instead. Specifies whether or not displaying a border around table cells.
bordercolor	color	Not supported in HTML5. Use styles instead. Specifies border color
cellpadding	pixels	Not supported in HTML5. Use styles instead. Specifies the space between the cell wall and the cell content
cellspacing	pixels	Not supported in HTML5. Use styles instead. Specifies the space between cells



# tag attributes (Cont.)

Attribute	Value	Description
<u>frame</u>	void above below hsides lhs rhs vsides border = box	Not supported in HTML5. Use styles instead. Specifies which parts of the outside borders that should be visible
<u>rules</u>	none rows cols all	Not supported in HTML5. Use styles instead. Specifies which parts of the inside borders that should be visible
Width Height	pixels %	Not supported in HTML5. Use styles instead. Specifies the width of a table Specifies the height of a table



# tag attributes

Attribute	Value	Description
<u>align</u>	left center right	Not supported in HTML5. Use styles instead. Specifies the alignment of a row according to surrounding text.
<u>valign</u>	TOP Middle Bottom	Not supported in HTML5. Use styles instead Specifies the alignment of a row according to surrounding text horizontally.
<u>bgcolor</u>	rgb(x,x,x) #xxxxxx colorname	Not supported in HTML5. Use styles instead. Specifies the background color for a row.
Height	pixels %	Not supported in HTML5. Use styles instead. Specifies the height of a row



# and tag attributes

Attribute	Value	Description
<u>align</u>	left center right	Not supported in HTML5. Use styles instead. Specifies the alignment of a table according to surrounding text.
valign	TOP Middle Bottom	Not supported in HTML5. Use styles instead. Specifies the alignment of a cell according to surrounding text horizontally.
<u>bgcolor</u>	rgb(x,x,x) #xxxxxx colorname	Not supported in HTML5. Use styles instead. Specifies the background color for a cell
nowrap	nowrap	Not supported in HTML5. Use styles instead. Specifies that the content inside a cell should not wrap.
Width	pixels %	Not supported in HTML5. Use styles instead. Specifies the width of a cell.
<u>Colspan</u> <u>rowspan</u>	number	To merge several cells into one.



## Colspan and Rowspan attributes

☐ Colspaned Cell:				
□ Rowspan	ned Cell:			
☐ Rowspanned and Colspanned cell:				



## Colspan and Rowspan (Cont.)

```
■ Full Example (http://w3schools.com/html/tryit.asp?filename=tryhtml_table_span)
□ Col span:
Name
 Telephone
Bill Gates
 555 77 854
 555 77 855
```

Name	Telephone	
Bill Gates	555 77 854	555 77 855



## Colspan and Rowspan (Cont.)

### ☐ Row span:

```
First Name:
Bill Gates
Telephone:
555 77 854
555 77 855
```

First Name:	Bill Gates
Tolonhonou	854 77 555
Telephone:	855 77 555



### Other tags used with tables (Self Study)

- ☐ Styling table using CSS styles (instead of deprecated attributes):
  - <a href="http://www.w3schools.com/html/html\_tables.asp">http://www.w3schools.com/html/html\_tables.asp</a>
  - <a href="http://www.w3schools.com/css/css\_table.asp">http://www.w3schools.com/css/css\_table.asp</a>

#### ☐ Other tags used with tables

Tag	Description
<caption></caption>	Defines a table caption
<colgroup></colgroup>	Specifies a group of one or more columns in a table for formatting
<col/>	Specifies column properties for each column within a <colgroup> element</colgroup>
<thead></thead>	Groups the header content in a table
	Groups the body content in a table
<tfoot></tfoot>	Groups the footer content in a table



## Table Layout of a Web Page

#### Can you see any table here?



#### Middle Age Arts

Home Page View the catalog Place an order

#### About Gargoyles

Gargovle Products Gargoyle Products (text version)

#### Other Collections

The Vatican Collection The Rodin Collection Renaissance Masters



Next week at the Dunston Retreat Center

The annual meeting of the Midwest Marriage Encounter occurs at the Dunston Retreat. Center, June 11-13. Registration center hassard and wom out is \$50 and includes room and board. A boating trip on Lake Superior is planned for Saturday night (\$10 fee).

Contact Manry Taylor at 555-2381 for reservation inflormation.

#### Up-coming Events

June 11-13 Marriage Encounter June 18-20 Recovering Alcoholics: June 25-27 Spirituality Wednisop-July 2-4 Lutheren Brotherhood: July 9-11 Recovering Alcoholics

July 16-18 Dubuth Fellowship

#### A letter from one of our guests

I'm writing to tell you how much I enjoyed my retreat at Dunston, I came to your from a long illness and jobdifficulties. I left totally refreshed. I especially want to thank Father Thomas Holloway for his support.

I've enthuniartically told all of my friends about the wonderful place you have. Some of us are hoping to organize a group retreat. Rest assured that you'll see me again. Going to Dunston will become a yearly event. for me.

Sincerely,

Doris Patternon



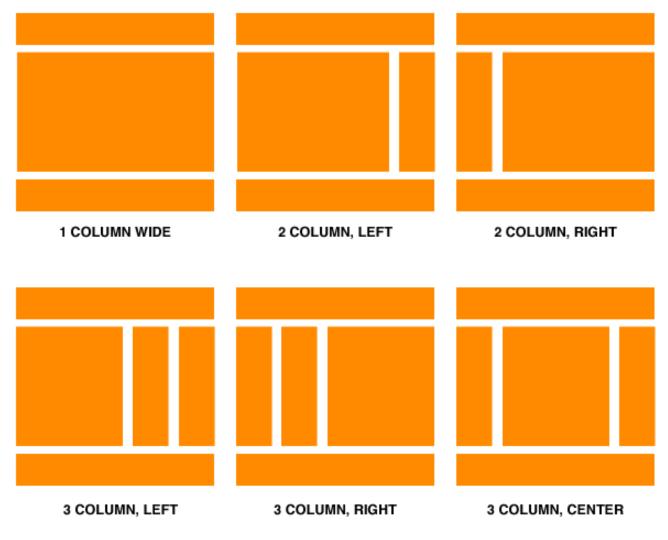
## Table Layout of Web Page (Cont.)

_	ous site layout		
<ul> <li>Sample sites</li> </ul>	layout here: http://www	w.ironspider.ca/webdesig	n102/tables4layout2.h 



## Table Layout of Web Page (Cont.)

#### **☐** Sample layouts





## Table Layout of Web Page (Cont.)

#### ☐ HTML Layout Techniques:

- o HTML tables
- CSS float property
- CSS framework
- o CSS flexbox
- ☐ The element was not designed to be a layout tool! The purpose of the element is to display tabular data. So, do not use tables for your page layout! They will bring a mess into your code.
- You can use div, span and HTML5 layout elements along with CSS for pages layout instead of tables.

#### ☐ Resources:

- o <a href="http://www.w3schools.com/html/html\_layout.asp">http://www.w3schools.com/html/html\_layout.asp</a>
- o <a href="https://www.codementor.io/css/tutorial/4-different-layout-techniques-create-single-page">https://www.codementor.io/css/tutorial/4-different-layout-techniques-create-single-page</a>
- o <a href="https://www.smashingmagazine.com/2009/08/designing-a-html-5-layout-from-scratch/">https://www.smashingmagazine.com/2009/08/designing-a-html-5-layout-from-scratch/</a>
- o <a href="http://learnlayout.com/">http://learnlayout.com/</a>
- o <a href="http://www.quackit.com/html/tutorial/html\_layouts.cfm">http://www.quackit.com/html/tutorial/html\_layouts.cfm</a>



# Self Study

### **□** Self Study Topics:

- Styling tables using CSS
- HTML pages layout.
- Page layout with tables are no longer recommended, what is recommended now in layouts (tableless layouts)?





# <Questions>? </Questions>



**Thank You...**