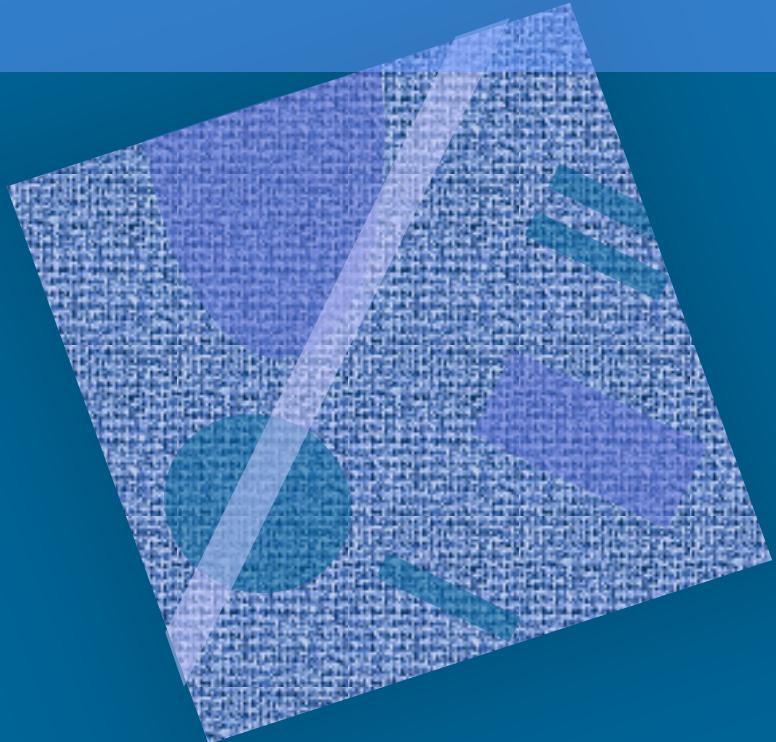


COMS 359: Interactive Media



Agenda

- Review
- Tables
- Preview

Links

- Intrasystem Links

```
<a href="calendar.html"> Calendar </a>
```

- Intersystem Links

```
<a href="http://www.google.com"> Search </a>
```

- Email Link

```
<a href="mailto:cdanger@gmail.edu"> email me </a>
```

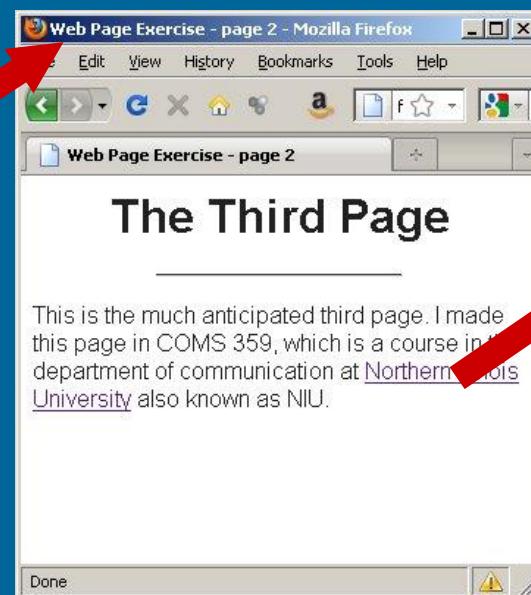
Links



```
<a href="page2.html"> page 2 </a>
```

Exercise: Modify two web pages

- Link page 1 to page 2 using an intrasystem link
- Link page 2 to the NIU page using intersystem link



```
<a href="http://www.niu.edu"> NIU </a>
```



Images

- Image Basics



Images

- Basic Image tag

```

```

- alt | width | height

```

```

- align = top | middle | bottom
align = left | right

```

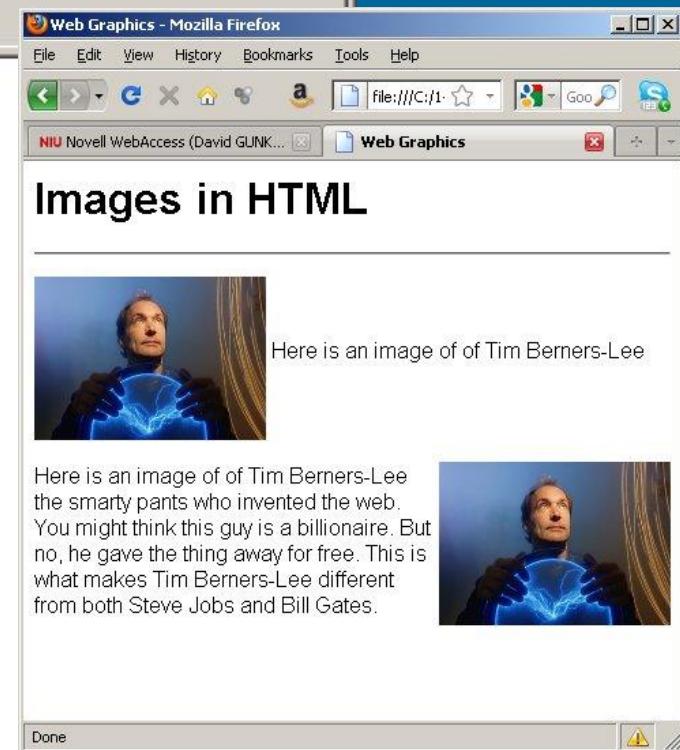
```

Notepad++ - C:\1-DavidStuff\niu-classes\coms359\exercises2\graphics1.html

File Edit Search View Format Language Settings Macro Run Plugins ?

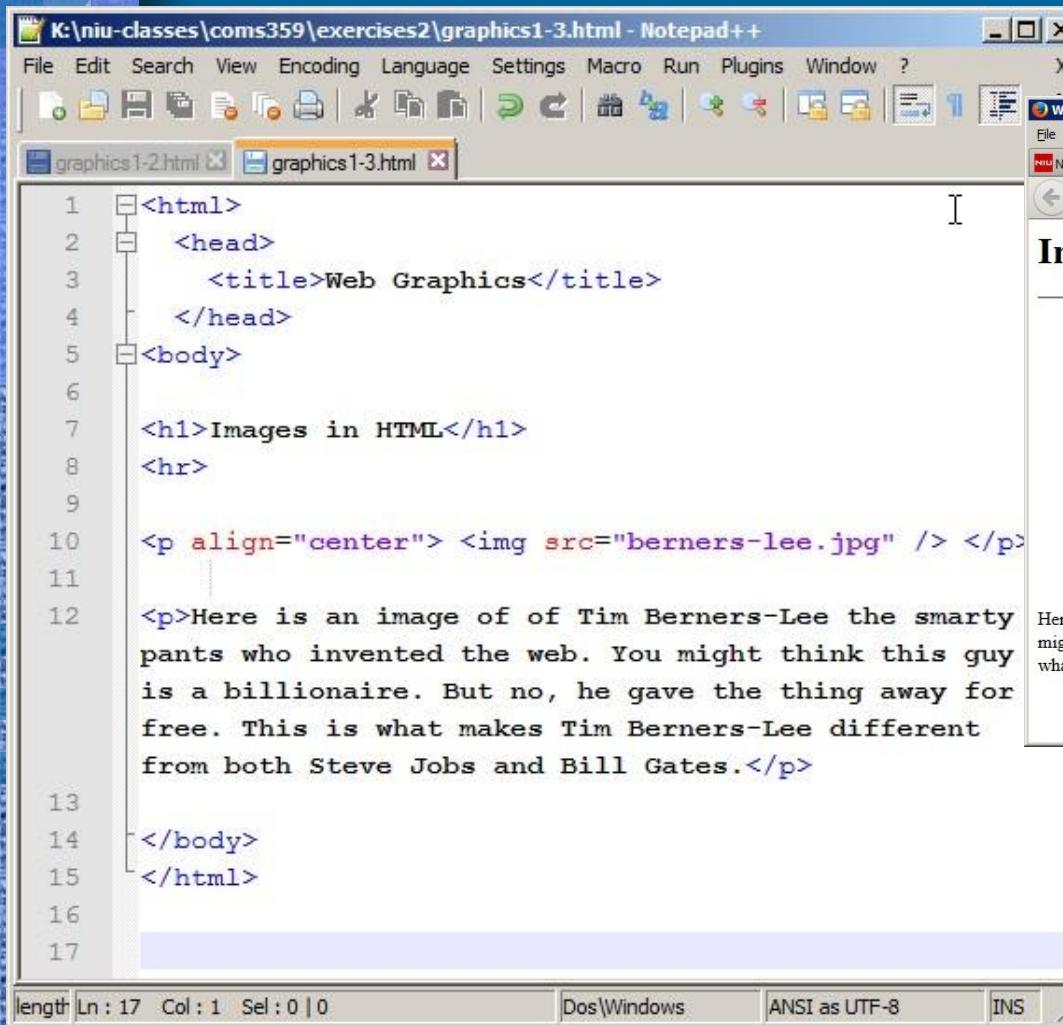
new 3 graphics1.html

```
1 <html>
2   <head>
3     <title>Web Graphics</title>
4   </head>
5
6 <body>
7
8   <h1>Images in HTML</h1>
9   <hr>
10
11  <p>
12    
15  Here is an image of of Tim Berners-Lee</p>
16
17  <p>
18    
21  Here is an image of of Tim Berners-Lee the smarty pants who invented
22  the web. You might think this guy is a billionaire. But no, he gave
23  the thing away for free. This is what makes Tim Berners-Lee different
24  from both Steve Jobs and Bill Gates.</p>
25
26
27 </body>
28 </html>
```



Images in HTML

```
<p align="center">  </p>
```

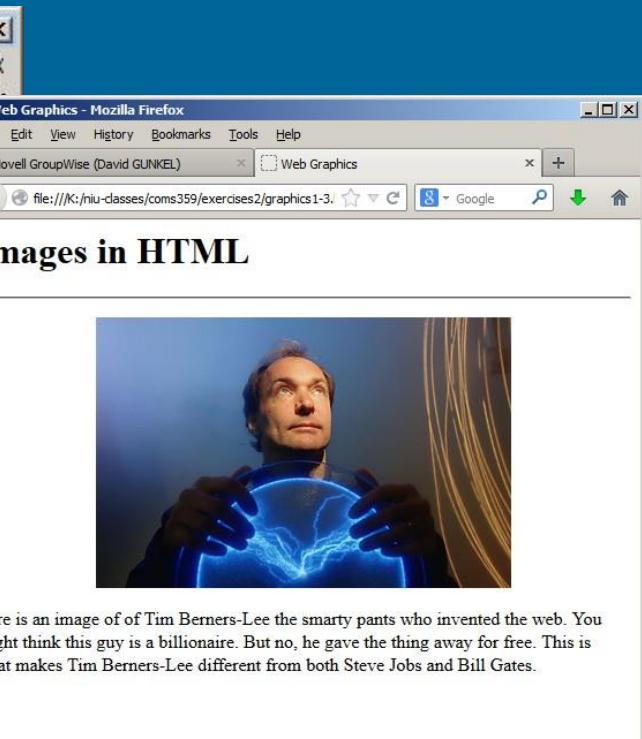


The screenshot shows a Notepad++ window displaying an HTML file named "graphics1-3.html". The code includes a title, a heading, a horizontal line, and a paragraph containing an image tag. The paragraph text describes Tim Berners-Lee as the inventor of the web.

```
K:\niu-classes\coms359\exercises2\graphics1-3.html - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
graphics1-2.html graphics1-3.html

1 <html>
2   <head>
3     <title>Web Graphics</title>
4   </head>
5   <body>
6
7     <h1>Images in HTML</h1>
8     <hr>
9
10    <p align="center">  </p>
11
12    <p>Here is an image of of Tim Berners-Lee the smarty pants who invented the web. You might think this guy is a billionaire. But no, he gave the thing away for free. This is what makes Tim Berners-Lee different from both Steve Jobs and Bill Gates.</p>
13
14   </body>
15 </html>
16
17

length Ln : 17 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS
```



The screenshot shows a Mozilla Firefox browser window displaying the rendered HTML content. The page title is "Web Graphics". The main content area displays the heading "Images in HTML" and the paragraph text. Below the text is an image of Tim Berners-Lee holding a glowing blue sphere with a circuit board pattern, symbolizing the early days of the web.

Web Graphics - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Novell GroupWise (David GUNKEL) Web Graphics
file:///K:/niu-classes/coms359/exercises2/graphics1-3.html Google 

Images in HTML

Here is an image of of Tim Berners-Lee the smarty pants who invented the web. You might think this guy is a billionaire. But no, he gave the thing away for free. This is what makes Tim Berners-Lee different from both Steve Jobs and Bill Gates.

Images in HTML

- HTML 5 <figure> <figcaption>

The image shows a dual-pane view. On the left is a Notepad++ window displaying the HTML code for a figure. On the right is a Mozilla Firefox browser window showing the rendered output.

Notepad++ Content:

```
*K:\niu-classes\coms359\exercises2\graphics1-2.html - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
nameanchor.html graphics1-2.html

2 <head>
3     <title>Web Graphics</title>
4 </head>
5 <body>
6
7
8     <figure>
9         
11
12         <figcaption>Tim Berners-Lee -
13             Inventor of the World Wide Web
14         </figcaption>
15
16     </figure>
17
18
19 </body>
20 </html>
21
```

Mozilla Firefox Rendered Output:

Web Graphics - Mozilla Firefox

file:///K:/niu-classes/coms359

Tim Berners-Lee - Inventor of the World Wide Web

Exercise

HTML Exercise #1

file:///O:/niu_classes/coms359/maker_exercises2019/exercise1.html

Inventing the Web

Tim Berners-Lee

Sir Timothy John Berners-Lee (born 8 June 1955) is an English engineer and computer scientist, best known as the inventor of the *World Wide Web*. He is currently a professor of computer science at the University of Oxford and the Massachusetts Institute of Technology (MIT).

Berners-Lee is the director of the World Wide Web Consortium (W3C), which oversees the continued development of the Web. He is also the founder of the World Wide Web Foundation and is a senior researcher and holder of the 3Com founders chair at the MIT Computer Science and Artificial Intelligence Laboratory (CSAIL). In 2004, Berners-Lee was knighted by Queen Elizabeth II for his pioneering work. And he was named one of the 100 Most Important People of the 20th century by *Time* magazine.

- [World Wide Web Consortium](#)
- [Oxford University](#)
- [Time Magazine](#)



exercise1.html

```
1 <html>
2   <head>
3     <title>HTML Exercise #1</title>
4   </head>
5
6 <body bgcolor="#d5d8d8" text="#717a78">
7 <br><br><br>
8 <h1 align="center">Inventing the Web</h1>
9 <hr align="center" noshade size="8" width="60%" color="#616d72">
10 <br>
11 <blockquote>
12
13 
15
16 <h2>Tim Berners-Lee</h2>
17 <p><b>Sir Timothy John Berners-Lee</b> (born 8 June 1955) is an English engineer and computer
18 scientist, best known as the inventor of the <i>World Wide Web</i>. He is currently a
19 professor of computer science at the University of Oxford and the Massachusetts Institute of
Technology (MIT).<p>
20
21 <ul>
22   <li><a href="https://www.w3.org/">World Wide Web Consortium</a></li>
23   <li><a href="http://www.ox.ac.uk/">Oxford University</a></li>
24   <li><a href="http://time.com/">Time Magazine</a></li>
25 </ul>
26
27 </blockquote>
28 </body>
29 </html>
30
```

Tables

- Introduction
 - Two reasons to use tables
 1. Present data in an organized fashion (i.e. spread sheets, charts, etc.)
 2. Format content

Using ADO to access SQL Server in an Active Server Page

Title	Author First Name	Author Last Name	Price
Beginning Commerce Server 2000	Tim	Huckaby	49.99
Beginning Site Server 3.0 Commerce	Tim	Huckaby	39.99
But Is It User Friendly?	Cheryl	Carson	22.95
Computer Phobic AND Non-Phobic Individuals: Behavior Variations	Stearns	MacFeather	21.59

Architectural Renderings - Mozilla Firefox

HOME PROFILE GALLERY ORDER CONTACT

:: ARCHITECTURAL RENDERINGS ::
HOUSE RENDERINGS BY SCOTT BERGER ::

A house is a source of great pride in the lives of most people. Be it large or small, old or new - houses own a piece of everyone's heart. Capture the essence of the special home you want to remember as an Architectural Rendering. Renderings are created from photos provided by you. Generally, only one good photo is needed to complete the sketch.

Be sure that there is plenty of light in the photo so that as many details as possible are visible. However, this is a sketch, so the smallest of details will likely be excluded from the sketch. To get the best sketch, take an interesting portrait. If your photo is taken at a slight angle, showing a part of the house, as well as the front door, and how the house needs to stand, try to get one shot of the whole building including at least 10-20 ft. of landscaping on each side of the house.

I will render the exact picture provided, so make sure to leave surrounding space around the house. This means the rendering is not completely filled by only the house. To the extent possible, avoid having large trees block any view of the house if there is.

Tables

- Basic Terminology
 - *Rows & Columns*
 - *Cell* = intersection of a row and column

C
R O W
L
U
M
N

Tables

- **Basic tags**

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

Encloses the table

`<th>...</th>`

Defines table headers

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

Defines table rows

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

Surrounds table data

`<caption>...</caption>`

Places caption above or below table

- **Alternative table tags**

`<tbody>...</tbody>`

Identifies scrollable area of a table

`<tfoot>...</tfoot>`

Appears below the scrolling body

`<thead>...</thead>`

Appears above the scrolling body

*K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7   <table>
8
9   <tr>
10    <td>One</td>
11    <td>Two</td>
12  </tr>
13
14  <tr>
15    <td>Three</td>
16    <td>Four</td>
17  </tr>
18
19  </table>
20
21  </body>
22
23  </html>
```

length Ln : 24 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS



*K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7   <table>  
8
9     <tr>
10       <td>One</td>
11       <td>Two</td>
12     </tr>
13
14     <tr>
15       <td>Three</td>
16       <td>Four</td>
17     </tr>
18
19   </table>  
20
21   </body>
22 </html>
```

Table begins and ends with a **<table>** container. All other table tags are situated inside this container tag.

*K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7   <table>
8
9     <tr>
10       <td>One</td>
11       <td>Two</td>
12     </tr>
13
14     <tr>
15       <td>Three</td>
16       <td>Four</td>
17     </tr>
18
19   </table>
20
21   </body>
22
23 </html>
```

Rows are defined by the <TR> container tag. If you want two rows, you need two sets of <TR> tags.

*K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7   <table>
8
9   <tr>
10    <td>One</td>
11    <td>Two</td>
12  </tr>
13
14  <tr>
15    <td>Three</td>
16    <td>Four</td>
17  </tr>
18
19  </table>
20
21  </body>
22
23  </html>
```

Columns are defined by successive **<TD>** tags inside a **<TR>** container. If you want two columns, you need two sets of **<TD>** tags inside each **<TR>** container.

*K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7   <table>
8
9     <tr>
10       <td>One</td>
11       <td>Two</td>
12     </tr>
13
14     <tr>
15       <td>Three</td>
16       <td>Four</td>
17     </tr>
18
19   </table>
20
21   </body>
22
23 </html>
```

length Ln : 24 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS

The screenshot shows a Mozilla Firefox window titled "Tables - Mozilla Firefox". The address bar displays "NIU Novell WebAccess" and the tab bar shows "Tables". The main content area contains a 2x2 table with the following data:

One	Two
Three	Four

Exercise: Create a simple 2x2 table

Tables

- Attributes
 - Each table tag supports a number of different attributes that adjusts the appearance of the table
 - Even though the basic tags are rather easy, the attributes complicate their employment

Table Attributes

- **border**
 - Border is the line around the table and between the cells
 - **border** attribute indicates whether there is a border around the table and how wide it is
 - Default = 0
 - Alterations
 - `<table border="5">` Border of 5 pixels
 - `<table border="0">` No border

K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5 <body>
6
7 <table border="10">
8
9   <tr>
10    <td>One</td>
11    <td>Two</td>
12  </tr>
13
14 <tr>
15    <td>Three</td>
16    <td>Four</td>
17  </tr>
18
19 </table>
20
21 </body>
22 </html>
```

Firefox & IE

Tables - Mozilla Firefox

File Edit View History Bookmarks Tools Help

NIU Novell WebAccess Tables

One Two
Three Four

Table Attributes

- **border**
 - **border** is sub-divided into
 - **rules** = Specifies which horizontal and vertical rules appear between cells with a table
 - Several values (none, all, rows, cols)
 - Displayed differently by IE and Mozilla/Firefox
 - **frame** = Specifies which sides of a table's border (the frame) are visible
 - Several values (box, void, above, below, etc.)
 - Displayed differently by IE & Mozilla/Firefox

K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5 <body>
6
7 <table rules="cols">
8
9   <tr>
10    <td>One</td>
11    <td>Two</td>
12  </tr>
13
14 <tr>
15   <td>Three</td>
16   <td>Four</td>
17 </tr>
18
19 </table>
20
21 </body>
22 </html>
```

Acceptable Values
none, rows, cols, all



*K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5 <body>
6
7 <table frame="hsides">
8
9 <tr>
10   <td>One</td>
11   <td>Two</td>
12 </tr>
13
14 <tr>
15   <td>Three</td>
16   <td>Four</td>
17 </tr>
18
19 </table>
20
21 </body>
22 </html>
```

Acceptable Values
box, hsides, lhs, rhs,
vsides, below, void

Tables - Windows Internet Expl...

File Edit View Favorites Tools Help

Favorites Tables

One	Two
Three	Four

My Computer 100%

Tables - Mozilla Firefox

NIU Novell WebAcc... Tables

One	Two
Three	Four

length Ln : 23 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS

Table Attributes

- **width & height**
 - Specifies horizontal & vertical size of the table
 - Default - wide and high enough to present the data
 - Changes - cannot make the table smaller than the default but can make it larger
 - Two specifications – exact pixels or percentage

```
<table width="200" height="300">  
<table width="80%" height="75%">
```

K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5 <body>
6
7   <table border="10"
8     width="300" height="300">
9
10  <tr>
11    <td>One</td>
12    <td>Two</td>
13  </tr>
14
15  <tr>
16    <td>Three</td>
17    <td>Four</td>
18  </tr>
19
20  </table>
21
22  </body>
23 </html>
```

length Ln : 25 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS

Tables - Mozilla Firefox

File Edit View History Bookmarks Tools Help

NIU Novell WebAccess (David GUNKEL) Tables file:///C:/1-DavidStuff/niu-classes/ Google

One	Two
Three	Four

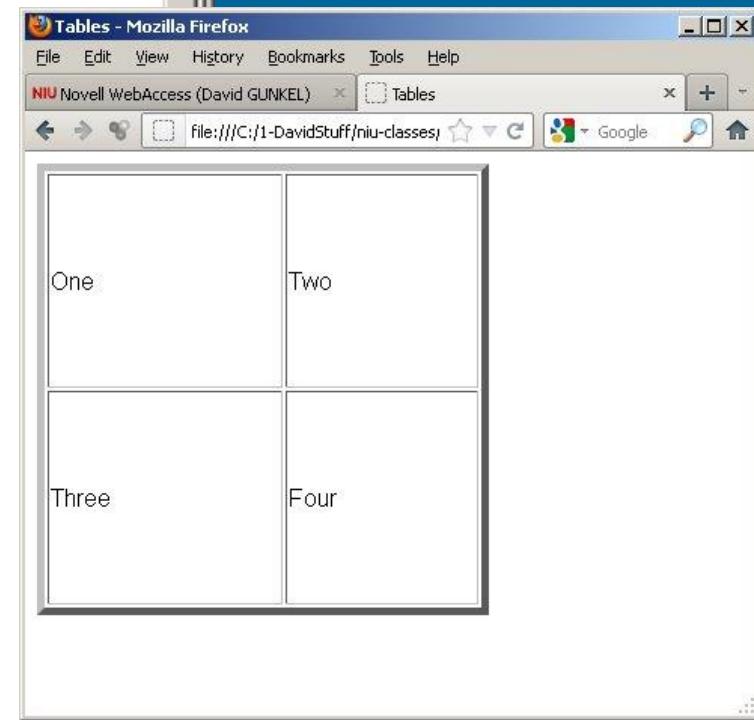
K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5 <body>
6
7   <table border="10"
8     width="300" height="300">
9
10  <tr>
11    <td>One</td>
12    <td>Two</td>
13  </tr>
14
15  <tr>
16    <td>Three</td>
17    <td>Four</td>
18  </tr>
19
20  </table>
21
22  </body>
23 </html>
```

length Ln : 25 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS



Exercise:
Add border, width,
and height attributes

Table Attributes

- Background color

```
<table bgcolor="#880021">
```

K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ? X

Length Ln : 25 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5 <body>
6
7   <table border="10"
8     width="300" height="300"
9     bgcolor="#aabb55">
10
11  <tr>
12    <td>One</td>
13    <td>Two</td>
14  </tr>
15
16  <tr>
17    <td>Three</td>
18    <td>Four</td>
19  </tr>
20
21  </table>
22
23  </body>
24 </html>
25
```

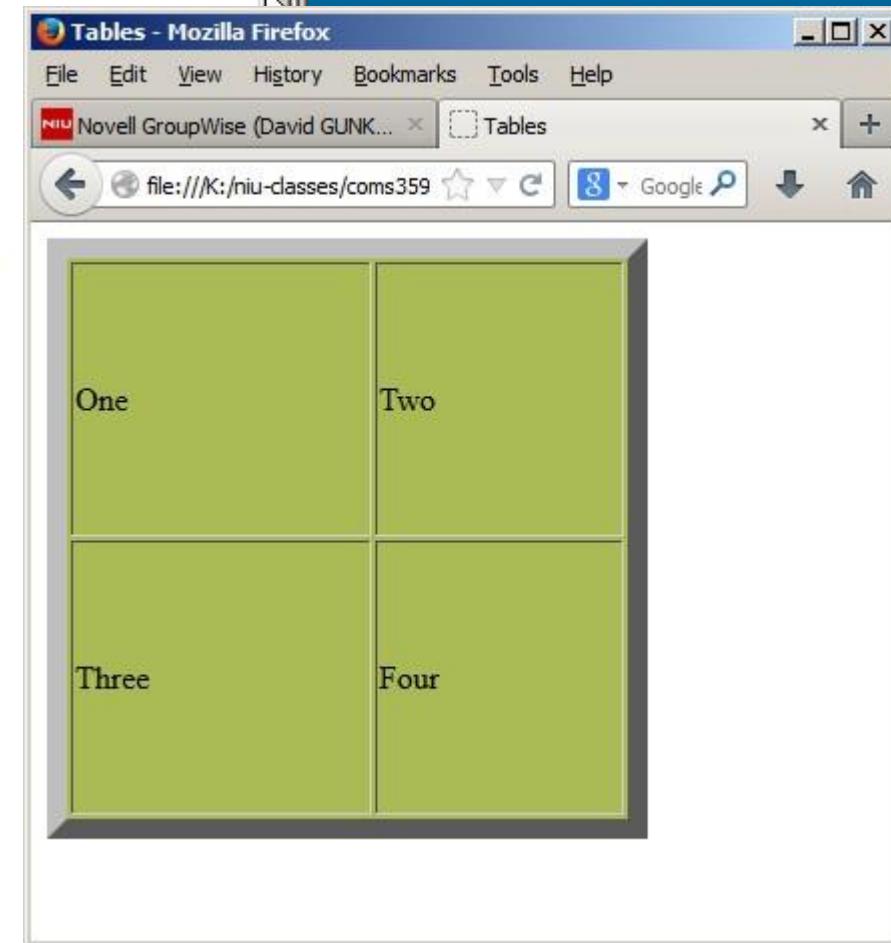


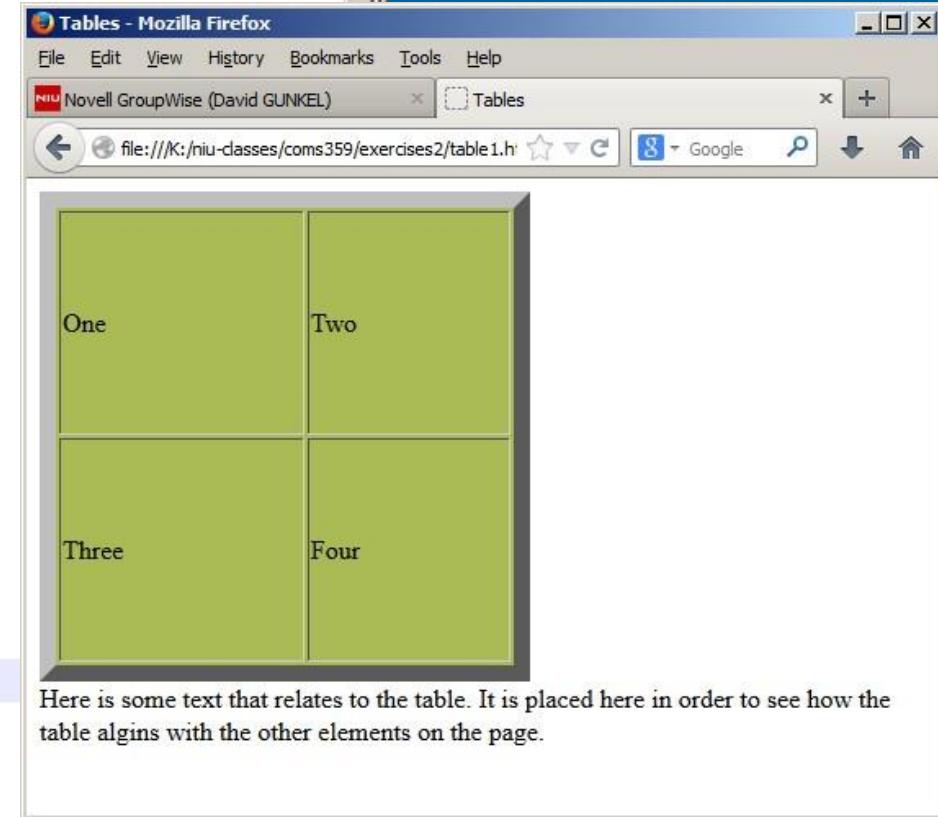
Table Attributes

- Table Alignment
 - Unlike in-line images tables are not part of the text flow; they signal a break in the text.
 - Default setting: text flows above and below the table but not along side it
 - Change the default by using the **align** attribute

```
<table align="left" >
```

Default Alignment

```
K:\niu-classes\coms359\exercises2\table1.html - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
X
table2.html table1.html
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5 <body>
6
7   <table border="10"
8     width="300" height="300"
9     bgcolor="#aabb55">
10
11  <tr>
12    <td>One</td>
13    <td>Two</td>
14  </tr>
15
16  <tr>
17    <td>Three</td>
18    <td>Four</td>
19  </tr>
20
21 </table>
22 Here is some text that relates to the table. It
23 is placed here in order to see how the table
24 aligns with the other elements on the page.
25
26 </body>
</html>
```



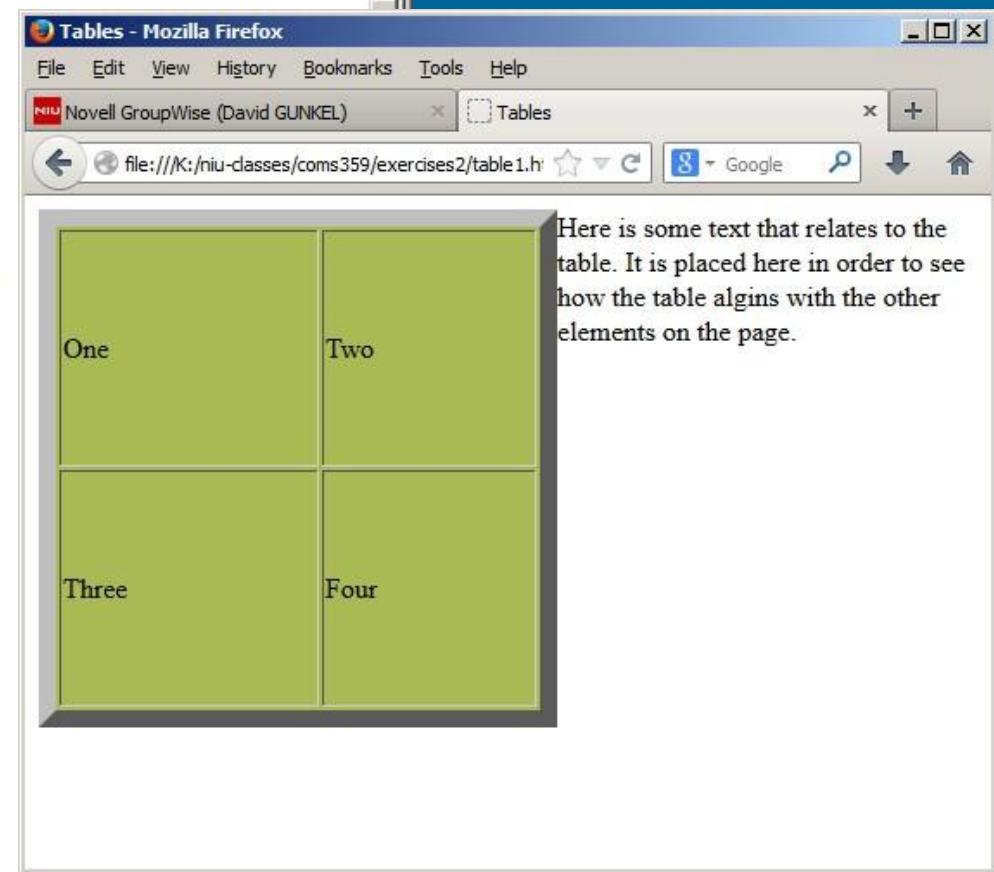
K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7     <table border="10"
8       width="300" height="300"
9       bgcolor="#aabb55"
10      align="left">
11
12       <tr>
13         <td>One</td>
14         <td>Two</td>
15       </tr>
16
17       <tr>
18         <td>Three</td>
19         <td>Four</td>
20       </tr>
21
22     </table>
23     Here is some text that relates to the table. It
24     is placed here in order to see how the table
25     aligns with the other elements on the page.
26
27   </body>
28 </html>
```

length : 433 lines : Ln : 27 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS



align Attribute

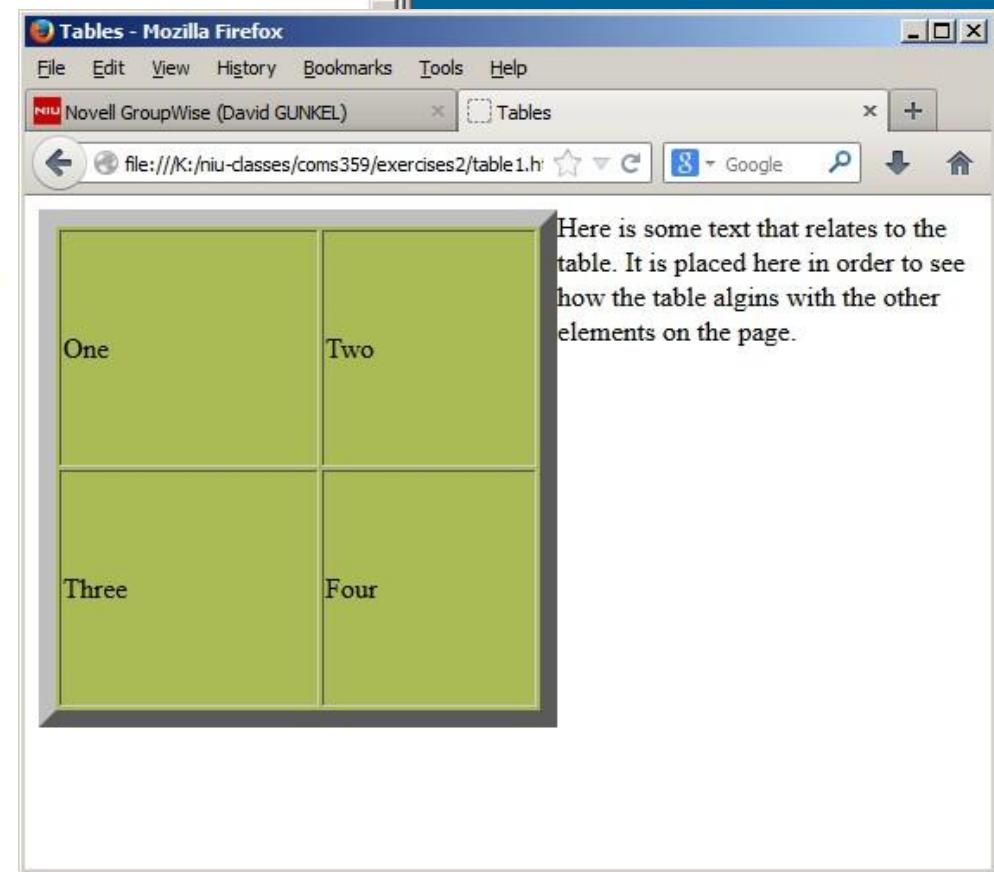
K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7     <table border="10"
8       width="300" height="300"
9       bgcolor="#aabb55"
10      align="left">
11
12       <tr>
13         <td>One</td>
14         <td>Two</td>
15       </tr>
16
17       <tr>
18         <td>Three</td>
19         <td>Four</td>
20       </tr>
21
22     </table>
23     Here is some text that relates to the table. It
24     is placed here in order to see how the table
25     aligns with the other elements on the page.
26
27   </body>
28 </html>
```

length : 433 lines : Ln : 27 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS



align Attribute

Exercise: Modify table by adding bgcolor and align attributes.

Table Attributes

- Controlling White Space
 - Appearance of a table is effected by the white space around the table, between the cells, and within the table.
 - Three ways to control white space
 - Margin
 - Cellspacing
 - Cellpadding

Table Attributes

- Margin
 - Vertical and horizontal space between a table and the other items on the page
 - Adjustments
 - `<table style="margin:20px">`
 - Values may be specified in: px, in, mm, cm, em

Table Attributes

- Cellpadding
 - Cellpadding = the space between the data in a cell and the borders of the cell
 - Adjustments
 - Default = 1 pixel
 - No cellpadding <table cellpadding="0">
 - More padding <table cellpadding="20">

Table Attributes

- Cellspacing
 - Cellspacing = distance between cells
 - Adjustment
 - <table cellspacing="0">
 - <table cellspacing="10">

K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7     <table border="10"
8       width="300" height="300"
9       bgcolor="#aabb55"
10      align="left"
11      style="margin:20px"
12      cellspacing="10"
13      cellpadding="30">
14
15   <tr>
16     <td>One</td>
17     <td>Two</td>
18   </tr>
19
20   <tr>
21     <td>Three</td>
22     <td>Four</td>
23   </tr>
24
25   </table>
26   Here is some text that relates to the table. It is
27   placed here in order to see how the table aligns
28   with the other elements on the page.
29
30   </body>
31   </html>
```

length : 502 lines : 34 Ln : 30 Col : 1 Sel : 0 | 0 Dos\Windows ANSI as UTF-8 INS

Tables - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Novell GroupWise (David GUNKEL) Tables file:///K:/niu-classes/coms359/exercises2/table1.h: Google

20 pixels table margin

10 pixels cellspacing

30 pixels cellpadding

One Two

Three Four

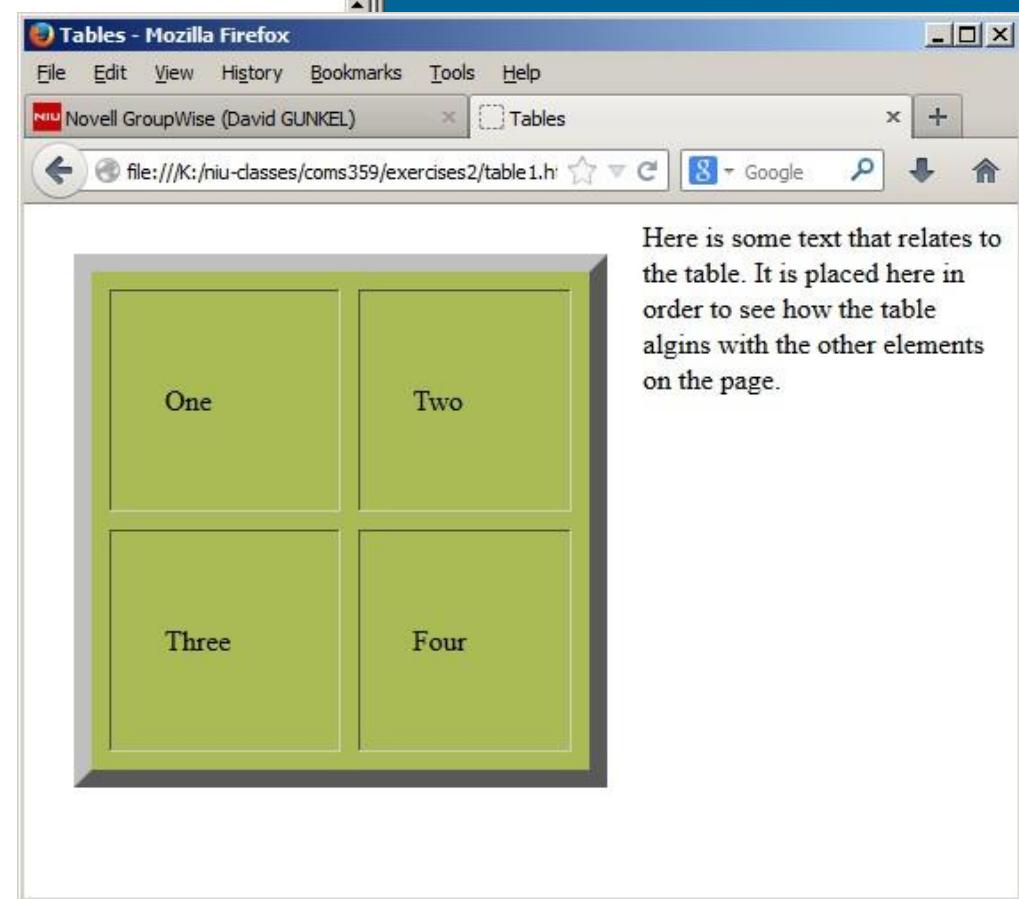
Here is some text that relates to the table. It is placed here in order to see how the table aligns with the other elements on the page.

K:\niu-classes\coms359\exercises2\table1.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

table2.html table1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7     <table border="10"
8       width="300" height="300"
9       bgcolor="#aabb55"
10      align="left"
11      style="margin:20px"
12      cellspacing="10"
13      cellpadding="30">
14
15       <tr>
16         <td>One</td>
17         <td>Two</td>
18       </tr>
19
20       <tr>
21         <td>Three</td>
22         <td>Four</td>
23       </tr>
24
25     </table>
26     Here is some text that relates to the table. It is
27     placed here in order to see how the table aligns
28     with the other elements on the page.
29
30   </body>
31 </html>
```



Exercise: Modify table by adding cellspacing and cellpadding attributes and margin properties.

Table Row <tr> Attributes

- align = left | center | right
 - Horizontal alignment for the entire row
- valign = top | center | bottom
 - Vertical alignment for the entire row

```
<tr align="right" >
```

```
<tr valign="center" >
```

K:\niu-classes\coms359\exercises2\table2-0.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

table2.html table2-0.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5   <body>
6
7     <table border="10" bgcolor="#779999"
8       width="700" height="300">
9
10    <tr align="left" valign="top">
11      <td>One</td>
12      <td>Two</td>
13    </tr>
14
15    <tr align="center" valign="center">
16      <td>Three</td>
17      <td>Four</td>
18    </tr>
19
20    <tr align="right" valign="bottom">
21      <td>Three</td>
22      <td>Four</td>
23    </tr>
24
25  </table>
26
27  </body>
28
29 </html>
```

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Tables - Mozilla Firefox

File Edit View History Bookmarks Tools Help

NIU Novell WebAccess (David GUNKEL) Tables file:///C:/1-DavidStuff/niu-classes/coms359/exercises2/table2.htm Google

Left	Aligned to the left and top
Center	Aligned to the center
Right	Aligned to the right and bottom

Table Row <tr> Attributes

- **bgcolor**
 - Specifies a background color for the table row
 - Overrides <table> background color

```
<tr bgcolor="#334400" >
```



table2.html table2-1.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5 <body>
6
7   <table border="10"
8     width="700" height="300">
9
10  <tr align="left" valign="top" bgcolor="#ff0000">
11    <td>One</td>
12    <td>Two</td>
13  </tr>
14
15  <tr align="center" valign="center" bgcolor="#00ff00">
16    <td>Three</td>
17    <td>Four</td>
18  </tr>
19
20  <tr align="right" valign="bottom" bgcolor="#0000ff">
21    <td>Three</td>
22    <td>Four</td>
23  </tr>
24
25  </table>
26
27  </body>
28
29  </html>
```

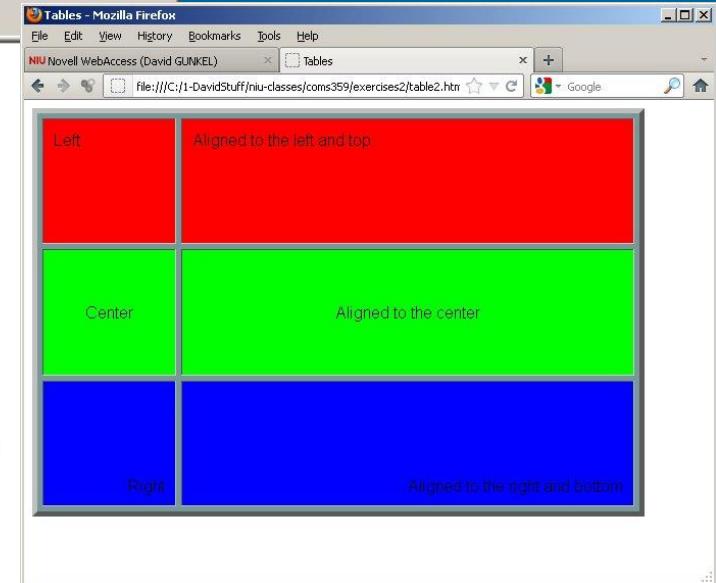


Table Data <td> & Headers <th>

- <td> and <th> describe one cell
- Default Settings
 - <th> = bold text aligned to center
 - <td> = regular text aligned left

Table Data <td> & Headers <th>

- align = left | center | right

```
<td align="right" >
```

- valign = top | center | bottom

```
<td valign="center" >
```

- bgcolor

```
<td bgcolor="#334400" >
```

Table Data <td> & Headers <th>

- **colspan**
 - There are many times, usually with headings, that some information needs to span more than one column. This can be specified with the **colspan** attribute, which tells the browser how many columns you want a particular cell to extend.
 - Specify the number of columns the cells is to span
 - i.e. `<td colspan="2">`
 - When using this make sure you have the right number of columns, otherwise it will not work.

Table Data <td> & Headers <th>

- **rowspan**
 - Permit creation of a cell that spans multiple rows
 - Specify the number of rows the cell is to span
 - i.e. <td rowspan="2">
 - When using this make sure you have the right number of rows, otherwise it will not work properly.

K:\niu-classes\coms359\exercises2\table_exercise.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

table_exercise.html

```
1 <html>
2   <head>
3     <title>Tables</title>
4   </head>
5 <body>
6
7   <table border="5"
8     width="500" height="300"
9     cellpadding="10" cellspacing="5"
10    background="#cccccc">
11
12  <tr>
13    <td rowspan="2" bgcolor="#ccaa00" align="center">Legend</td>
14    <td colspan="2" bgcolor="#aaaabb" align="center">Heading</td>
15  </tr>
16
17  <tr>
18    <td align="center" valign="top">Item #1</td>
19    <td align="center" valign="bottom">Item #2</td>
20  </tr>
21
22  </table>
23
24 </body>
25 </html>
```

Tables - Mozilla Firefox

NIU Novell WebAccess (David GUNKEL) Tables

File:///C:/1-DavidStuff/niu-classes/coms359/e...



Exercise:

Make a new table. Use colspan, rowspan, align and valign attributes of the <td> tag.

Page Layout with Tables

The screenshot shows a Mozilla Firefox window displaying a portfolio page for Matt Mroz. The title bar reads "Portfolio for Matt Mroz - Mozilla Firefox". The address bar shows "file:///C:/Users/User/Desktop/matt_mroz.html". The page itself has a header with the name "Matthew E. Mroz" and a sidebar menu on the left with links for Home, Education, Career Experience, Activities and Interests, Personal Highlights, and Contact. The main content area is titled "Education" and includes information about Northern Illinois University, course work, and skills.

Matthew E. Mroz

[Home](#)
[Education](#)
[Career Experience](#)
[Activities and Interests](#)
[Personal Highlights](#)
[Contact](#)

Education

Northern Illinois University – DeKalb, Illinois

Bachelor of Arts: Organizational Communications
Emphasis: Organizational/Corporate Communications
Minor: Journalism

Coursework/Skills

- Introduction to Communication Studies
- External Organizational Communication
- Persuasion
- Design
- MS Word, Excel
- Use of Internet

Created by Matt Mroz
© 2003

C:\Users\User\Desktop\matt_mroz.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

graphics1-2.html | graphics1-3.html | matt_mroz.html

```
1 <html>
2   <head>
3     <title> Portfolio for Matt Mroz</title>
4   </head>
5   <body bgcolor="#999999" text="#000000" link="#000000">
6     <table cellpadding="5" align="center" border="5" width="55%">
7       <tr>
8         <td colspan="2" align="center">
9           <font face="lucida handwriting" size="7"><b><i>Matthew E. Mroz</i></b></i>
10          <hr color="#ffcc66" size="2"></td>
11        </tr>
12        <tr>
13          <td width="25%" valign="top">
14            <font face="arial" size="2">
15              <a href="index.htm">Home</a>
16              <a href="edu.htm">Education</a>
17              <a href="career.htm">Career</a>
18              <a href="activit.htm">Activities</a>
19              <a href="personal.htm">Personal</a>
20              <a href="contact.htm">Contact</a>
21            </td>
22            <td valign="top">
23              <font face="arial" size="2">
24                <center><h1><b>Education</b></h1>
25                <b>Northern Illinois University</b>
26                <blockquote>Bachelor of Arts in Organizational Communications  
Emphasis: Organizational Communications  
Minor: Journalism<br></blockquote>
27                <b>Coursework/Skills</b>
28                <ul>
29                  <li>Introduction to Communication Studies</li>
30                  <li>External Organizations</li>
31                  <li>Persuasion</li>
32                  <li>Design</li>
33                  <li>MS Word, Excel</li>
34                  <li>Use of Internet</li>
35                </ul>
36              </td>
37            </tr>
38            <tr>
39              <td colspan="2" align="center">
40                </tr>
41              </table>
42            </body>
43          </html>
```

Portfolio for Matt Mroz - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Nu Novell GroupWise (David GUNKEL) Portfolio for Matt Mroz

file:///C:/Users/User/Desktop/matt_mroz.html

Matthew E. Mroz

Education

Northern Illinois University -- DeKalb, Illinois

Bachelor of Arts: Organizational Communications
Emphasis: Organizational/Corporate Communications
Minor: Journalism

Activities and Interests

Personal Highlights

Contact

Coursework/Skills

- Introduction to Communication Studies
- External Organizations
- Persuasion
- Design
- MS Word, Excel
- Use of Internet

Created by Matt Mroz
© 2003

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*C:\Users\User\Desktop\matt_mroz.html - Notepad++

File Edit Search View Encoding Language Settings Macro Run Plugins Window ?

graphics1-2.html | graphics1-3.html | matt_mroz.html

```
1 <html>
2   <head>
3     <title> Portfolio for Matt Mroz</title>
4   </head>
5   <body bgcolor="#999999" text="#000000" link="#000000">
6     <table cellpadding="5" align="center" border="0" width="55%">
7       <tr>
8         <td colspan="2" align="center">
9           <font face="lucida handwriting" size="7"><b><i>Matthew E. Mroz</i></b></i>
10          <hr color="#ffcc66" size="2"></td>
11        </tr>
12        <tr>
13          <td width="25%" valign="top">
14            <font face="arial" size="2">
15              <a href="index.htm">Home</a>
16              <a href="edu.htm">Education</a>
17              <a href="career.htm">Career</a>
18              <a href="activit.htm">Activities</a>
19              <a href="personal.htm">Personal</a>
20              <a href="contact.htm">Contact</a>
21            </td>
22            <td valign="top">
23              <font face="arial" size="2">
24                <center><h1><b>Education</b></h1>
25                <b>Northern Illinois University</b>
26                <blockquote>Bachelor of Arts in Organizational Communications
27                Emphasis: Organizational Communications
28                Minor: Journalism<br>
29                <b>Coursework/Skills</b>
30                <ul>
31                  <li>Introduction to Communication Studies</li>
32                  <li>External Organizations</li>
33                  <li>Persuasion</li>
34                  <li>Design</li>
35                  <li>MS Word, Excel</li>
36                  <li>Use of Internet</li>
37                </ul></td>
38        </tr>
39        <tr>
40          <td colspan="2" align="center">
41        </tr>
42      </table>
43    </body>
44  </html>
```

Portfolio for Matt Mroz - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Novell GroupWise (David GUNKEL) Portfolio for Matt Mroz

file:///C:/Users/User/Desktop/matt_mroz.html

Matthew E. Mroz

Home

Education

Career Experience Northern Illinois University -- DeKalb, Illinois

Activities and Interests Bachelor of Arts: Organizational Communications
Emphasis: Organizational/Corporate Communications
Minor: Journalism

Personal Highlights

Contact Coursework/Skills

- Introduction to Communication Studies
- External Organizations
- Persuasion
- Design
- MS Word, Excel
- Use of Internet

Created by Matt Mroz
© 2003

Hyper Text Markup Language length : 1614 lines : 44 Ln : 44 Col : 1 Sel : 0 | 0 UNIX ANSI as UTF-8 INS

Table Summary

- Table Tags
 - <table>...</table>
 - <tr>...<tr>
 - <td>...<td>
- Numerous Attributes
 - <table> = border, rule, frame, bgcolor, width, height, cellspacing, cellpadding, margin
 - <tr> & <td> = align, valign, bgcolor, colspan, rowspan
- Page Layout using Tables

Preview

- Topic
 - Web Design
- Text
 - Miller - ch. 1-4
(pp. 1-117)

