

Introduction - Mozilla Firefox

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Introduction

www.pgrocer.net/Cis17/HTML/HTML5/HTML5list.html

Most Visited

This is an introduction to HTML.

Review of lists in HTML.

Now I am going to make an ordered list followed by an unordered list!

1. First item in the list
2. Second item in the list
3. Third item in the list

This is the unordered list.

- First item in the list
- Second item in the list
- Third item in the list

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Introduction</title>
5 </head>
6 <body>
7 <p>This is an introduction to HTML.<br><br>
8 Now I am going to make an ordered list followed by an unordered list!</p>
9 <ol>
10 <li>First item in the list</li>
11 <li>Second item in the list</li>
12 <li>Third item in the list</li>
13 </ol>
14 This is the unordered list.<br>
15 <ul>
16 <li>First item in the list</li>
17 <li>Second item in the list</li>
18 <li>Third item in the list</li>
19 </ul>
20 </body>
21 </html>
```

12:39 PM
9/4/2014

The image shows a Mozilla Firefox browser window titled "Linking - Mozilla Firefox". The address bar shows the URL "www.pgrocer.net/Cis17/HTML/HTML5/HTML5linkpage.html". The page content includes:

Here are some links: `` is used to link to another page.

[Another page](#)
[New page](#)

Note that `anotherpage.html` exists so you move to that page and `newpage.html` does not exist so you see an error.
Note also that a when a paragraph ends, a blank line is inserted.

One link is working (`anotherpage.html`) and the other is not (`newpage.html`).
The reason is that `newpage.html` does not exist in the current folder HTML5.
Note that HTML5 is located in HTML which is located in Cis17 which is in the root of my `www.pgrocer.net` website.

The source code view window shows the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Linking</title>
5 </head>
6 <body>
7 <p>Here are some links:<br><br>
8 <a href="anotherpage.html">Another page</a><br>
9 <a href="newpage.html">New page</a>
10 </p>
11 <p>
12 Note that anotherpage.html exists so you move to that page and newpage.html
13 does not exist so you see an error.<br>
14 Note also that a when a paragraph ends, a blank line is inserted.
15 </p>
16 </body>
17 </html>
```

A handwritten red note in the source code view window says: "no addr current directory".

The screenshot shows a Mozilla Firefox browser window with the address bar containing `www.pgrocer.net/Cis17/HTML/HTML5/HTML5linkpage.html`. The page content includes two links: [Another page](#) and [New page](#). Below the links, a note states: "Note that anotherpage.html exists so you move to that page and newpage.html does not exist so you see an error. Note also that a when a paragraph ends, a blank line is inserted."

An inset window titled "Source of: http://www.pgrocer.net/Cis17/HTML/HTML5/HTML5linkpage.html - Mozilla Firefox" displays the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Linking</title>
5 </head>
6 <body>
7 <p>Here are some links:<br><br>
8 <a href="anotherpage.html">Another page</a><br>
9 <a href="newpage.html">New page</a>
10 </p>
11 <p>
12 Note that anotherpage.html exists so you move to that page and newpage.html
13 does not exist so you see an error.<br>
14 Note also that a when a paragraph ends, a blank line is inserted.
15 </p>
16 </body>
17 </html>
```

Handwritten red text next to the code reads: "no addr current directory".

Linking - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Linking

www.pgrocer.net/Cis17/HTML/HTML5/HTML5linkpage.html

Most Visited

Here are some links:

[Another page](#)

[New page](#)

Note that `anotherpage.html` exists so you move to that page and `newpage.html` does not exist so you see an error.
Note also that a when a paragraph ends, a blank line is inserted.

Looking at the address (shown below as well) you can see that `HTML5linkpage.html` is located in the `HTML5` folder and the `HTML5` folder is located in the `HTML` folder which is located in the `Cis17` folder.

Untitled - Notepad

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`http://www.pgrocer.net/Cis17/HTML/HTML5/HTML5linkpage.html`

root of `www.pgrocer.net`
contains `Cis17` folder
contains `HTML` folder
contains `HTML5` folder
which contains `HTML5linkpage.html`

Linking - Mozilla Firefox

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Linking

www.pgrocer.net/Cis17/HTML/HTML5/HTML5morelinks.html

Most Visited

Here are some links:

[Link to the CIS120 page](#)

[Link to a file in a subfolder](#)

[Link to the first page about links](#)

Note that anotherpage.html exists so you move to that page and newpage.html does not exist so you see an error.
 Note also that a when a paragraph ends, a blank line is inserted.

root of www.pgrocer.net
 contains Cis17 folder
 contains HTML folder
 contains HTML5 folder
 which contains HTML5linkpage.html
 and also contains subHTML5
 which contains fileInSubHTML5.html

Source of: http://www.pgrocer.net/Cis17/HTML/HTML5/HTML5morelinks.html - Mozilla Firefox

File Edit View Help

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Linking</title>
5 </head>
6 <body>
7 <p>Here are some links:<br><br>
8 <a href="http://www.pgrocer.net/PFGCIS120.html">Link to the CIS120 page</a><br>
9 <a href="subHTML5/fileInSubHTML5.html">Link to a file in a subfolder</a><br>
10 <a href="HTML5linkpage.html">Link to the first page about links</a><br>
11
12 </p>
13 <p>
14 Note that anotherpage.html exists so you move to that page and newpage.html
15 does not exist so you see an error.<br>
16 Note also that a when a paragraph ends, a blank line is inserted.
17 </p>
18 </body>
19 </html>

```

The first link is to a page in my root directory.

The second link is to a subfolder and a page within the subfolder

The third link is to a page in HTML5 (the current folder)

HTML5
 subHTML5
 fileInSubHTML5.html

Linking - Mozilla Firefox

File Edit View History Bookmarks Tools Help

Linking

www.pgrocer.net/Cis17/HTML/HTML5/subHTML5/fileInSubHTML5.html

Most Visited

This is the beginning!

Here are some links:

[Link to my home page](#)

[Link back to the previous page](#)

Note that anotherpage.html exists so you move to that page and newpage.html does not exist so you see an error.
Note also that a when a paragraph ends, a blank line is inserted.

This is the end!

Source of: http://www.pgrocer.net/Cis17/HTML/HTML5/subHTML5/fileInSubHTML5.html - Mozilla Firefox

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Linking</title>
5 </head>
6 <body>
7 <h2>This is the beginning!</h2>
8 <p>Here are some links:<br><br>
9   <a href="http://www.pgrocer.net">Link to my home page</a><br>
10  <a href=" ../HTML5morelinks.html">Link back to the previous page</a><br>
11 </p>
12 <p>
13 Note that anotherpage.html exists so you move to that page and newpage.html
14 does not exist so you see an error.<br>
15 Note also that a when a paragraph ends, a blank line is inserted.
16 </p>
17 <h2>This is the end!</h2>
18 </body>
19 </html>
```

index.html

This is the page in the subfolder. It has two links. The first link goes to my root directory and since it does not specify a page it shows the default page which is index.html.
The second link simply backs up one directory and then loads the page if it is there.

Linking - Mozilla Firefox

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Linking

www.pgrocer.net/Cis17/HTML/HTML5/subHTML5/fileInSubHTML5.html

Most Visited

This is the beginning!

Here are some links:

[Link to my home page](#)

[Link back to the previous page](#)

Note that anotherpage.html exists so you move to that page and newpage.html does not exist so you see an error.
Note also that a when a paragraph ends, a blank line is inserted.

This is the end!

```
Source of: http://www.pgrocer.net/Cis17/HTML/HTML5/subHTML5/fileInSubHTML5.html - Mozilla Firefox
File Edit View Help
1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Linking</title>
5 </head>
6 <body>
7 <h2>This is the beginning!</h2>
8 <p>Here are some links:<br><br>
9   <a href="http://www.pgrocer.net">Link to my home page</a><br>
10  <a href=" ../HTML5morelinks.html">Link back to the previous page</a><br>
11 </p>
12 <p>
13 Note that anotherpage.html exists so you move to that page and newpage.html
14 does not exist so you see an error.<br>
15 Note also that a when a paragraph ends, a blank line is inserted.
16 </p>
17 <h2>This is the end!</h2>
18 </body>
19 </html>
```

HTML5
subHTML5

Introduction - Mozilla Firefox

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Now we are going to look at Cascading Style Sheets (CSS)

Introduction

www.pgrocer.net/Cis17/HTML/HTML5/HTML5CSSlist.html

Most Visited

In the <head> you declare the <style type="text/css"> and then at the end of the style you use </style>

This is an introduction to HTML.

Now I am going to make an ordered list followed by an unordered list!

1. First item in the list
 2. Second item in the list
 3. Third item in the list

- First item in the list
- Second item in the list
- Third item in the list

You then pick the tags you want to style and list them under style. For each tag you enclose the style for that tag in curly braces. You also tell the property you want to impact like color, text-size etc and how you want to effect it. These are separated with a colon and then each impact ends with a semi-colon.

Source of: http://www.pgrocer.net/Cis17/HTML/HTML5/HTML5CSSlist.html - Mozilla Firefox

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Introduction</title>
5 <style type="text/css">
6 body
7 {
8   color: red;
9 }
10 p
11 {
12   text-align: center;
13   font-size: 2em;
14 }
15 li
16 {
17   color: green;
18 }
19 </style>
20 </head>
21 <body>
22 <p>This is an introduction to HTML.<br><br>
23 Now I am going to make an ordered list followed by an unordered list!</p>
24 <ol>
25 <li>First item in the list</li>
26 <li>Second item in the list</li>
27 <li>Third item in the list</li>
28 </ol>
29 <ul>
30 <li>First item in the list</li>
31 <li>Second item in the list</li>
32 <li>Third item in the list</li>
33 </ul>
  
```

font background-color

right left

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Introduction


www.pgrocer.net/Cis17/HTML/HTML5/HTML5centeredimage.html

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This is an introduc

Now I am going to make an ordered li

 is a tag that does not end. If you just put the name of the image it has to be saved in the directory/folder with the page. If it is somewhere else you need an address.



1. First item in the list
2. Second item in the list
3. Third item in the list

- First item in the list
- Second item in the list
- Third item in the list

This shows using headers and centering an image.


Source of: http://www.pgrocer.net/Cis17/HTML/HTML5/HTML5centeredimage.html - Mozilla Firefox

File Edit View Help

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Introduction</title>
5 <style type="text/css">
6 body
7   {
8     color: red;   The default color is red - h1 and li have colors
9   }               that override the default.
10 h1
11   {
12     text-align: center;
13     color: blue;
14   }               <h1> and <h2> are headers - headers
15 h2               are followed by a blank line
16   {
17     text-align: center;
18   }
19 li
20   {
21     color: green;
22   }
23 img
24   {
25     display: block;   This is the CSS to center an image
26     margin-left: auto;
27     margin-right: auto;
28   }
29 </style>
30 </head>
31 <body>
32 <h1>This is an introduction to HTML.</h1>
33 <h2>Now I am going to make an ordered list followed by
34 
35 </p>
36 <ol>
37 <li>First item in the list</li>
38 <li>Second item in the list</li>
39
40 <li>Third item in the list</li>
41 </ol>
42 <ul>
43 <li>First item in the list</li>
44 <li>Second item in the list</li>
45 <li>Third item in the list</li>
46 </ul>
47 <p>This shows using headers and centering an image.</p>
48 </body>
49 </html>

```



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Introduction

www.pgrocer.net/Cis17/HTML/HTML5/HTML5CSStable.html

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This is an introduction to HTML.

Now I am going to make a table!

| | |
|---|---|
| This is the first cell of the table. |  |
| This is the second row and the left most cell | This is the second row and the right most cell |

The table is made up of rows using `<tr>` and the rows are made up of cells (`<td>`). Each row should have the same number of cells. Note that the cell size expands to fill what you want to store in the cell if possible.

Source of: http://www.pgrocer.net/Cis17/HTML/HTML5/HTML5CSStable.html - Mozilla Firefox

File Edit View Help

```

1 <!DOCTYPE html>
2 <html>
3 <head>
4 <title>Introduction</title>
5 <style type="text/css">
6 body
7 {
8     color: navy;
9 }
10 p
11 {
12     text-align: center;
13     font-size: 2em;
14 }
15 li
16 {
17     color: green;
18 }
19 table {
20     border: solid thick;
21 }
22 td
23 {
24     border: solid thin;
25 }
26 </style>
27 </head>
28 <body>
29 <p>This is an introduction to HTML.<br><br>
30 Now I am going to make a table!</p>
31 <table>
32 <tr>
33 <td>This is the first cell of the table.</td>
34 <td></td>
35 </tr>
36 <tr>
37 <td>This is the second row and the left most cell</td>
38 <td>This is the second row and the right most cell</td>
39 </tr>
40 </table>
41 </body>
42 </html>

```

This puts a border around the whole table and another border (this time thin) around each cell.

Line 42, Col 8

Windows taskbar: 1:20 PM 9/4/2014

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- CSS Border**
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- CSS Pseudo-element
- CSS Navigation Bar
- CSS Image Gallery
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CSS Border

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CSS Border Properties

The CSS border properties allow you to specify the style, size, and color of an element's border.

Border Style

The border-style property specifies what kind of border to display.

Note: None of the border properties will have ANY effect unless the **border-style** property is set!

border-style values:

- none: Defines no border
- dotted: Defines a dotted border
- dashed: Defines a dashed border
- solid: Defines a solid border
- double: Defines two borders. The width of the two borders are the same as the border-width value
- groove: Defines a 3D grooved border. The effect depends on the border-color value

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CSS Border

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Border Style

The border-style property specifies what kind of border to display.

 **Note:** None of the border properties will have ANY effect unless the **border-style** property is set!

border-style values:

none: Defines no border

dotted: Defines a dotted border

dashed: Defines a dashed border

solid: Defines a solid border

double: Defines two borders. The width of the two borders are the same as the border-width value

groove: Defines a 3D grooved border. The effect depends on the border-color value

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 - CSS Color Values
 - CSS Color Names
 - CSS Color HEX

Solid: Defines a solid border

double: Defines two borders. The width of the two borders are the same as the border-width value

groove: Defines a 3D grooved border. The effect depends on the border-color value

ridge: Defines a 3D ridged border. The effect depends on the border-color value

inset: Defines a 3D inset border. The effect depends on the border-color value

outset: Defines a 3D outset border. The effect depends on the border-color value

Try it yourself: [Set the style of the border](#)

Border Width

[Checking border style for tables at w3schools.com.](#)

The border-width property is used to set the width of the border.

The width is set in pixels, or by using one of the three pre-defined values: thin, medium, or thick.

Note: The "border-width" property does not work if it is used alone. Use the "border-style" property to set the borders first.

Example

```

p.one {
  border-style: solid;
  border-width: 5px;
}

p.two {
  border-style: solid;
  border-width: medium;
}

```

Try it yourself >>

Border Color

The border-color property is used to set the color of the border. The color can be set by:

- name - specify a color name, like "red"

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- right and left borders are solid
- **border-style: dotted;**
 - all four borders are dotted

The border-style property is used in the example above. However, it also works with border-width and border-color.

Border - Shorthand property

As you can see from the examples above, there are many properties to consider when dealing with borders.

To shorten the code, it is also possible to specify all the individual border properties in one property. This is called a shorthand property.

The border property is a shorthand for the following individual border properties:

- border-width
- border-style (required)
- border-color

Example

```
p {  
  border: 5px solid red;  
}
```

[Try it yourself >>](#)

More Examples

All the top border properties in one declaration
This example demonstrates a shorthand property for setting all of the properties for the top border in one declaration.

Set the style of the bottom border
This example demonstrates how to set the style of the bottom border.

Set the width of the left border
This example demonstrates how to set the width of the left border.

Set the color of the four borders
This example demonstrates how to set the color of the four borders. It can have from one to four colors.

Set the color of the right border

Tryit Editor v2.1 - Mozilla Firefox

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Code:

```
<!DOCTYPE html>
<html>
<head>
<style>
P {
border: 5px solid red;
}
</style>
</head>
<body>

<p>This is some text in a paragraph.</p>

</body>
</html>
```

Result:

This is some text in a paragraph.

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Edit the code. Submit it to see the result. Submit w3schools.com

Code:

```
<!DOCTYPE html>
<html>
<head>
<style>
p {
  border: 10px dotted blue;
}
</style>
</head>
<body>

<p>This is some text in a paragraph.</p>

</body>
</html>
```

Result:

This is some text in a paragraph.

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