

Lecture #6

NEWM N510: Web-Database Concepts

HTML (2)

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Review Last Lecture

- Web Server Overview
- HTML Editor (NotePad+ +)
- FTP Client (FileZilla)
- HTML Introduction
- HTML: Elements
- HTML: Basic Tags
- HTML: Formatting
- HTML: Entities
- HTML: Links (URLs)
- HTML: Fonts
- HTML: Colors
- HTML: Body Attributes

HTML in a Nutshell

1. Web Server Overview
2. HTML Editor (NotePad++)
3. FTP Client (FileZilla)
4. HTML Introduction
5. HTML: Elements
6. HTML: Basic Tags
7. HTML: Formatting
8. HTML: Entities
9. HTML: Links (URLs)
10. HTML: Fonts
11. HTML: Colors
12. HTML: Body Attributes
13. HTML: Images
14. HTML: Lists
15. HTML: Tables
16. HTML: Block Elements
17. HTML: Head
18. HTML: DTD (Meta)
19. HTML: Styles (CSS)
20. HTML: Scripts (JS)
21. HTML: Forms (Get/Post)

Lecture in a Nutshell

1. HTML: Images
2. HTML: Lists
3. HTML: Tables
4. HTML: Block Elements

1. HTML Image

- **The Image Tag and the Src Attribute**

In HTML, images are defined with the `` tag. The `` tag is empty, which means that it contains attributes only and it has no closing tag.

To display an image on a page, you need to use the `src` attribute. `Src` stands for "source". The value of the `src` attribute is the URL of the image you want to display on your page.

The syntax of defining an image:

```

```

HTML Image (cont.)

- **The Image Tag and the Src Attribute**

The URL points to the location where the image is stored. An image named "PICT0005.JPG" located in the directory "tpl/images/pics" on "in-info-web4.informatics.iupui.edu/~kharrazi" has the URL: <http://in-info-web4.informatics.iupui.edu/~kharrazi/tpl/images/pics/PICT0005.JPG>.

The browser puts the image where the image tag occurs in the document. If you put an image tag between two paragraphs, the browser shows the first paragraph, then the image, and then the second paragraph.

HTML Image (cont.)

```
<html>
  <head></head>
  <body>

    <p>This is the first paragraph</p>

    <p>This is the second paragraph</p>

  </body>
</html>
```

HTML Image (cont.)



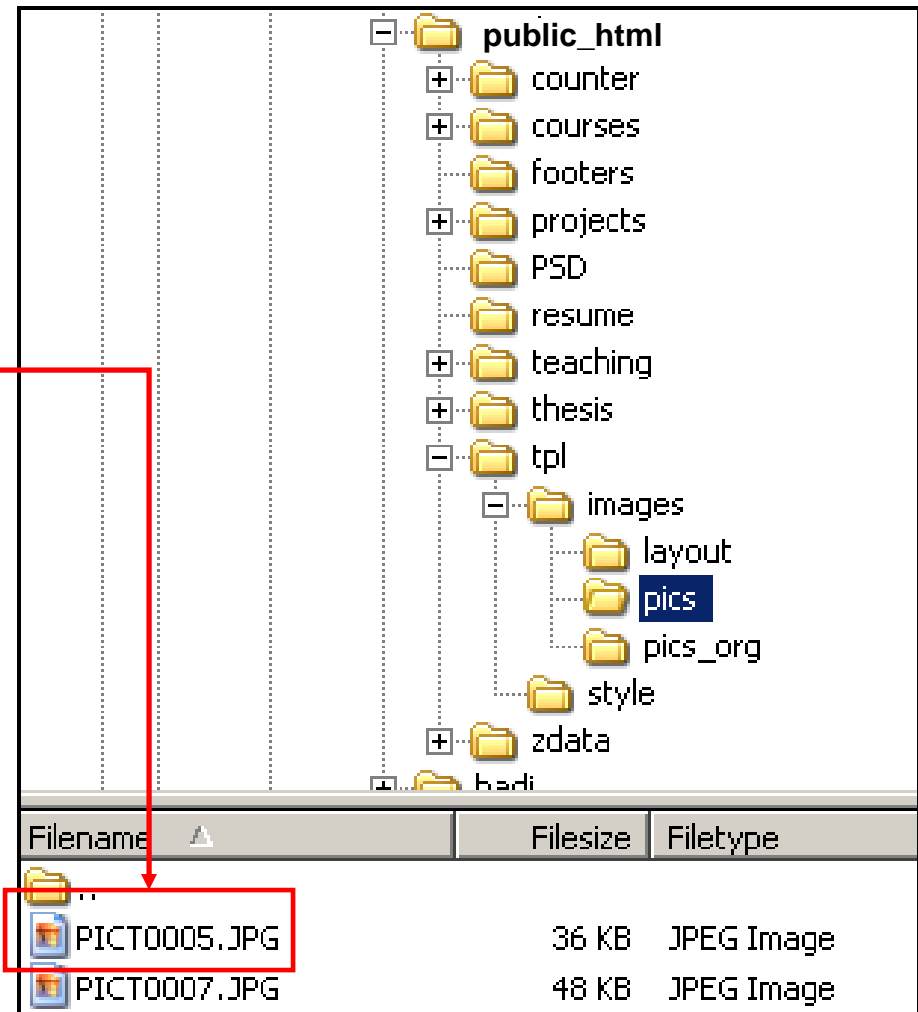
HTML Image (cont.)

Absolute Addressing:

```

```

We usually use absolute addressing in case we want to use an external URL (external link) or when we are sure the absolute path to that URL will not change later.



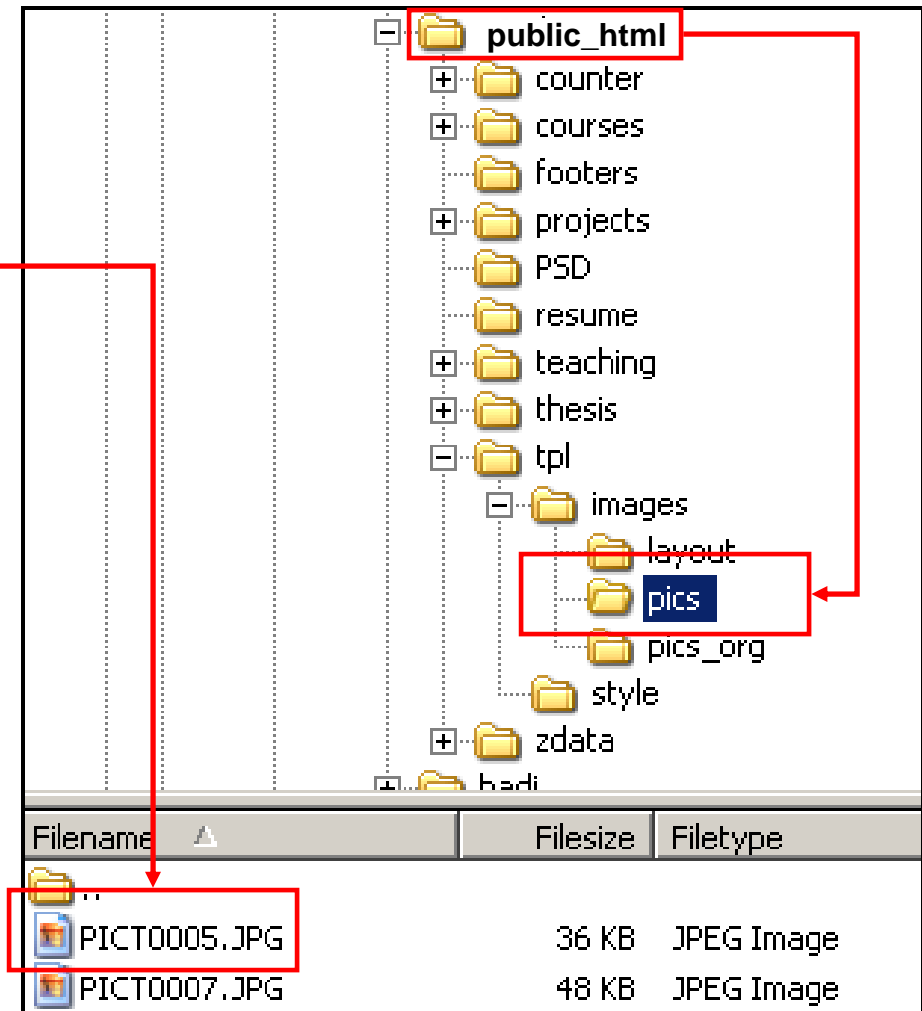
HTML Image (cont.)

Relative Addressing:

```

```

We usually use relative addressing in case we want to use an internal URL (residing on our website) or when we are sure the absolute path to that URL will change later but not the relative path.

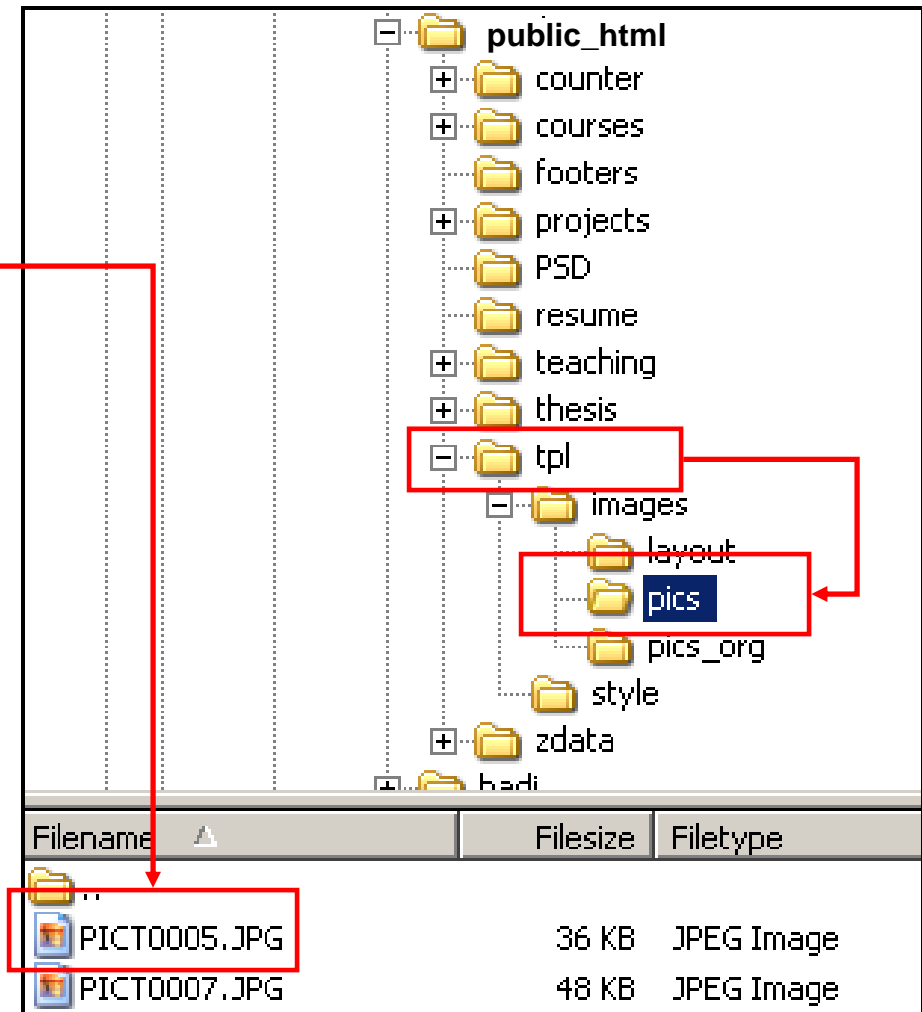


HTML Image (cont.)

Relative Addressing:

```

```

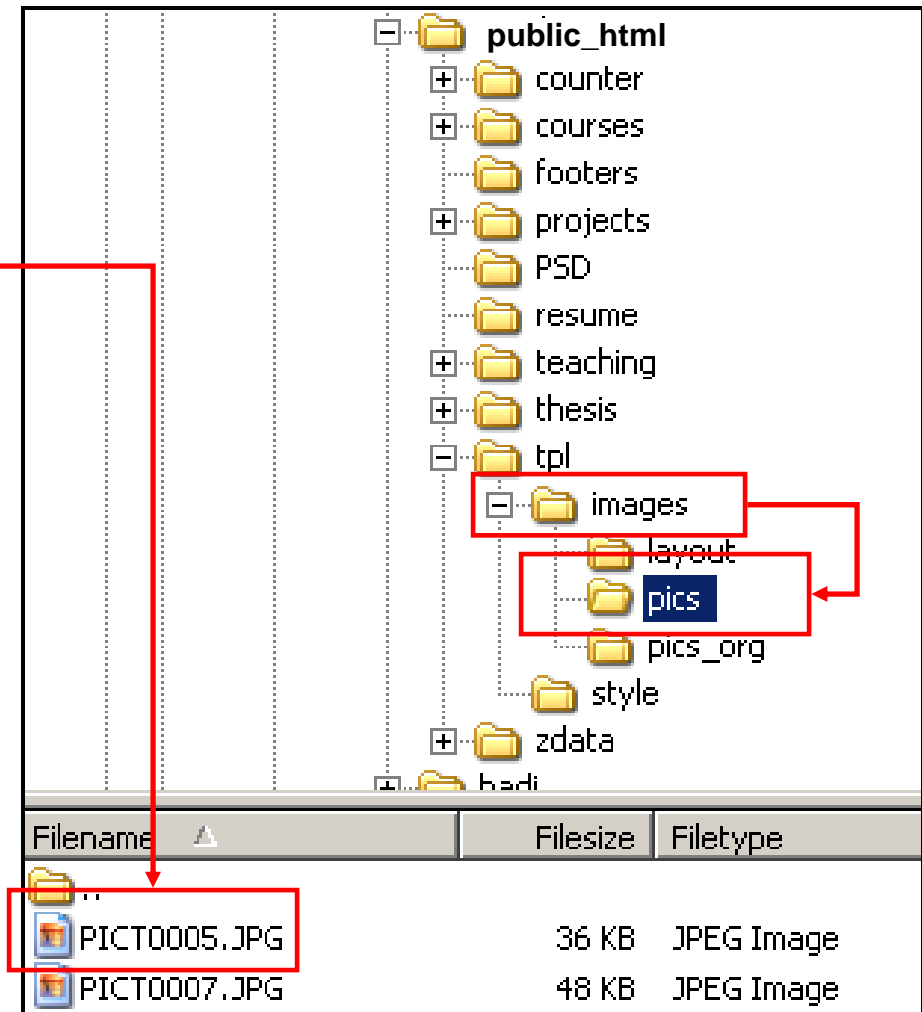


HTML Image (cont.)

Relative Addressing:

```

```

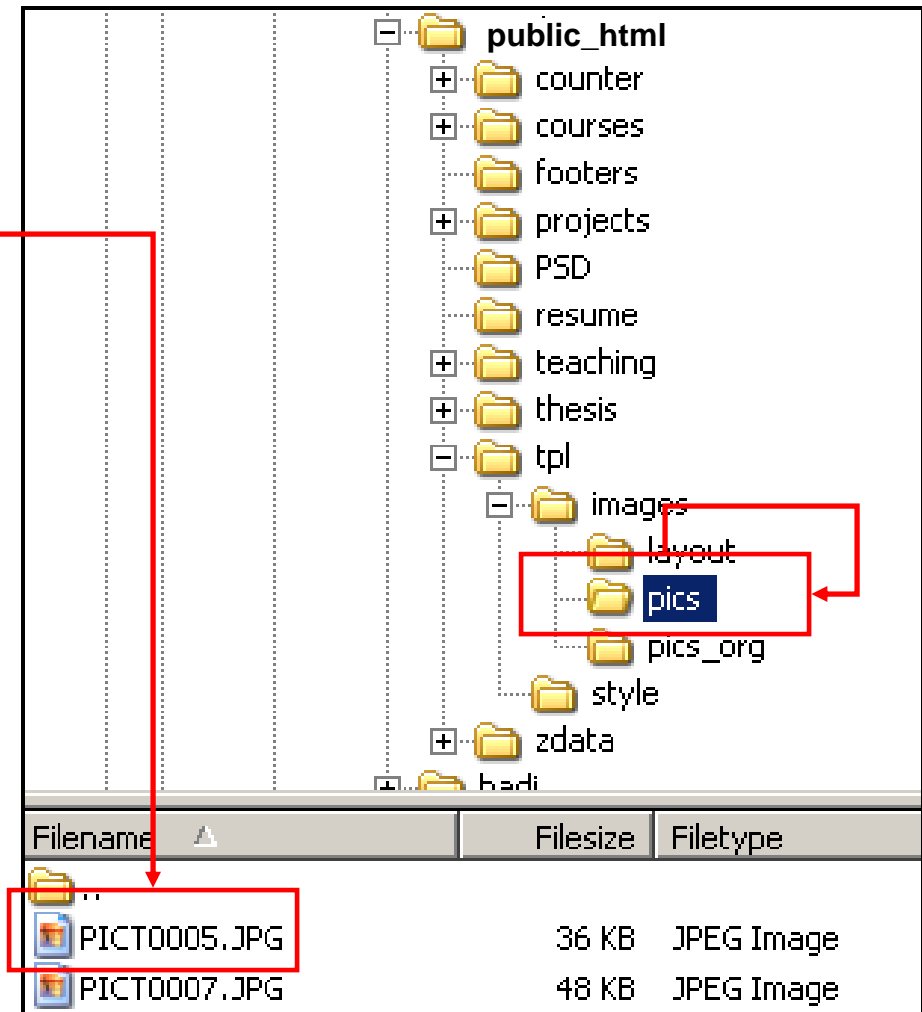


HTML Image (cont.)

Relative Addressing:

```

```



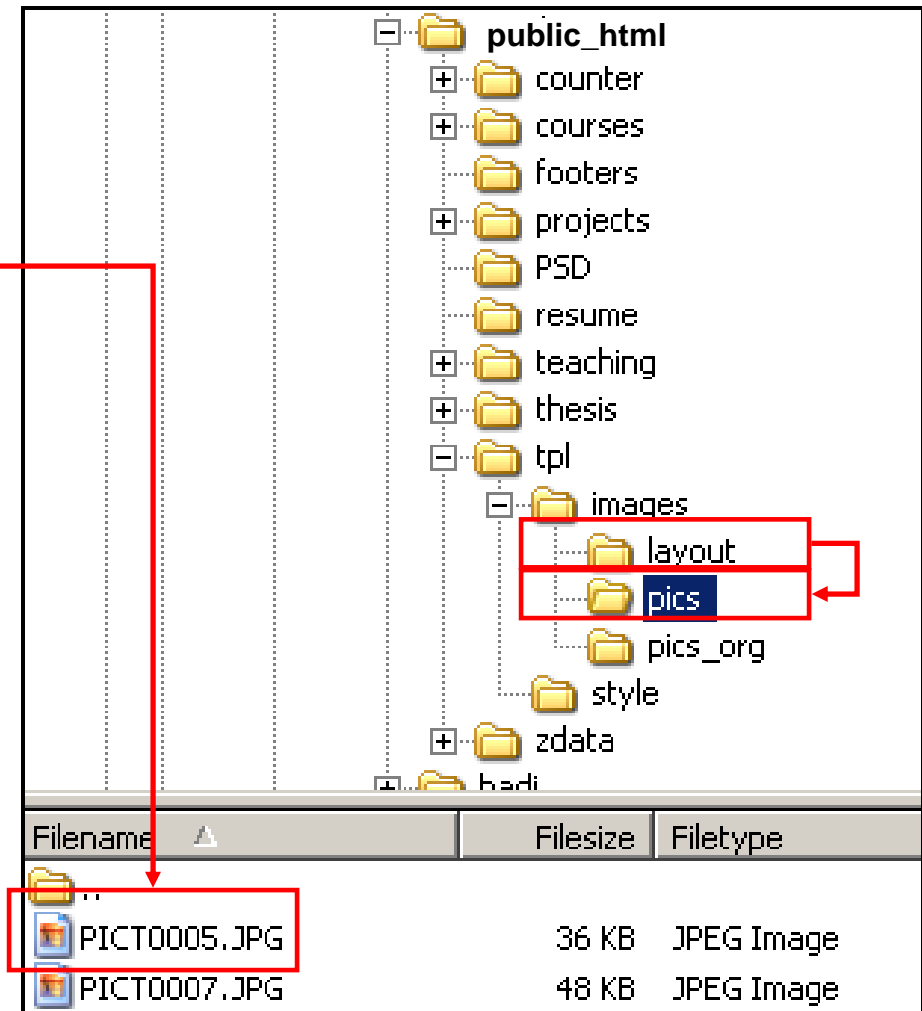
HTML Image (cont.)

Relative Addressing:

```

```

The "../" will go up one directory (folder) and it can be repeated such as "../../../" that means go up 2 directories.



HTML Image (cont.)

- **The Image Tag and the Alt Attribute**

The alt attribute is used to define an "alternate text" for an image. The value of the alt attribute is an author-defined text:

```

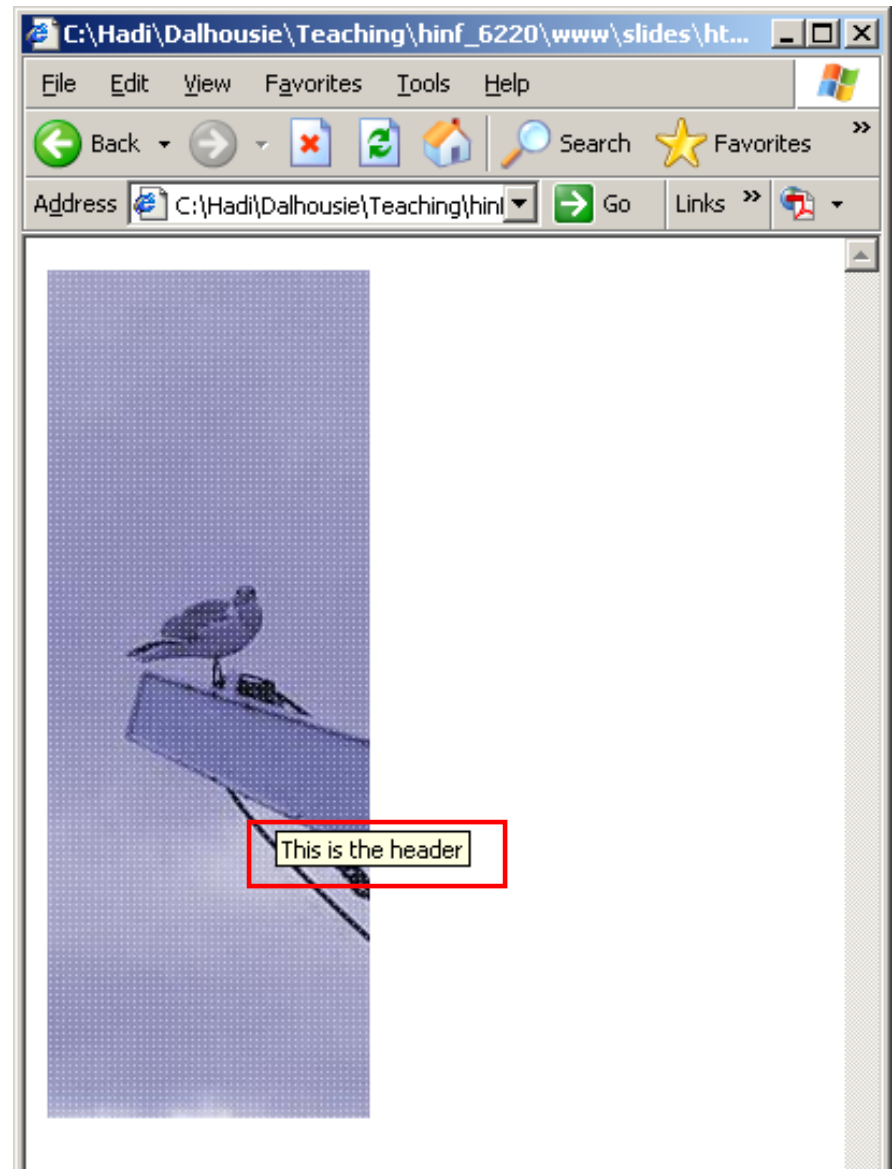
```

The "alt" attribute tells the reader what he or she is missing on a page if the browser can't load images. The browser will then display the alternate text instead of the image. It is a good practice to include the "alt" attribute for each image on a page, to improve the display and usefulness of your document for people who have text-only browsers.

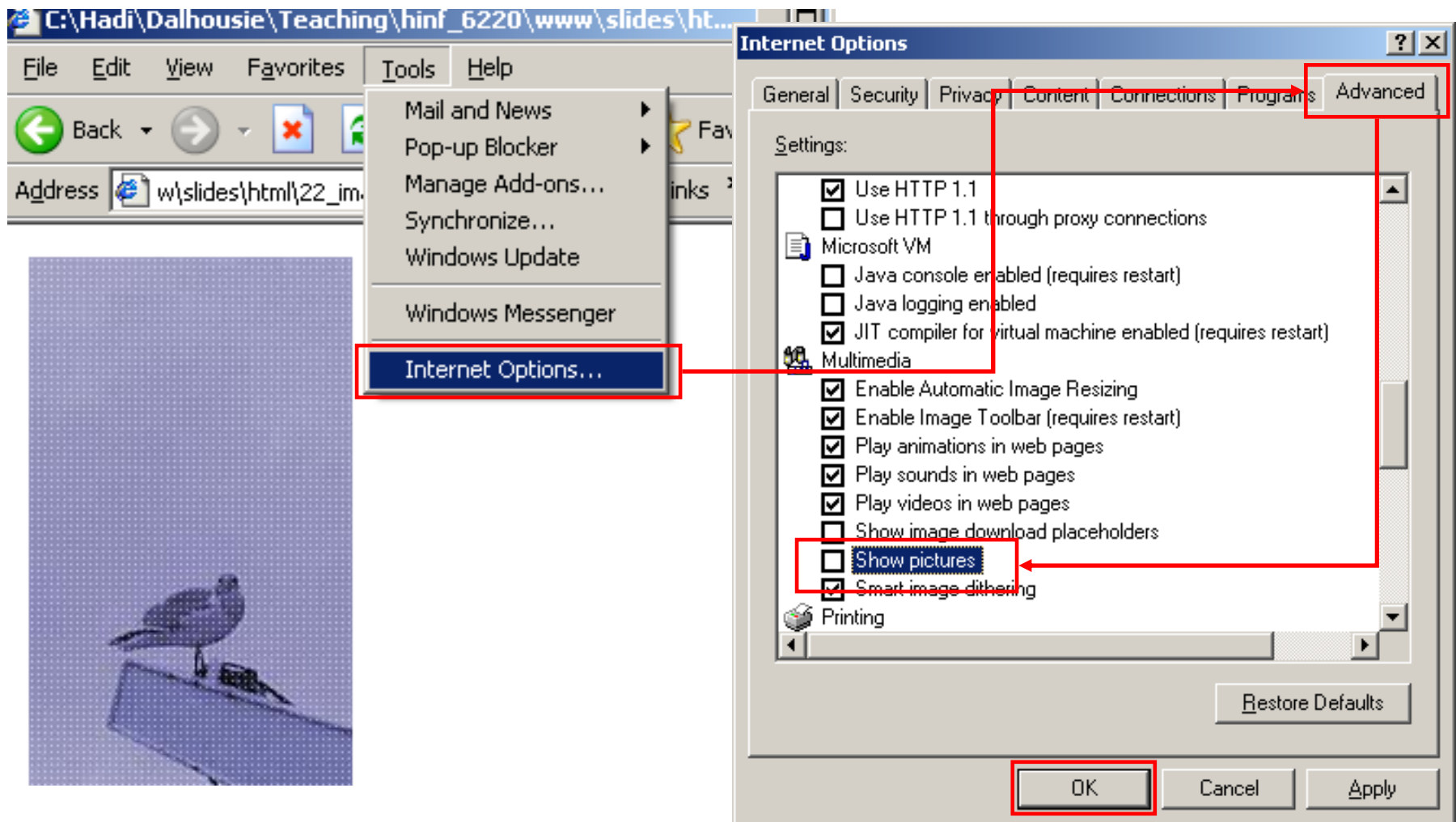
HTML Image (cont.)

```
<html>  
  <head></head>  
  <body>  
  
      
  
  </body>  
</html>
```

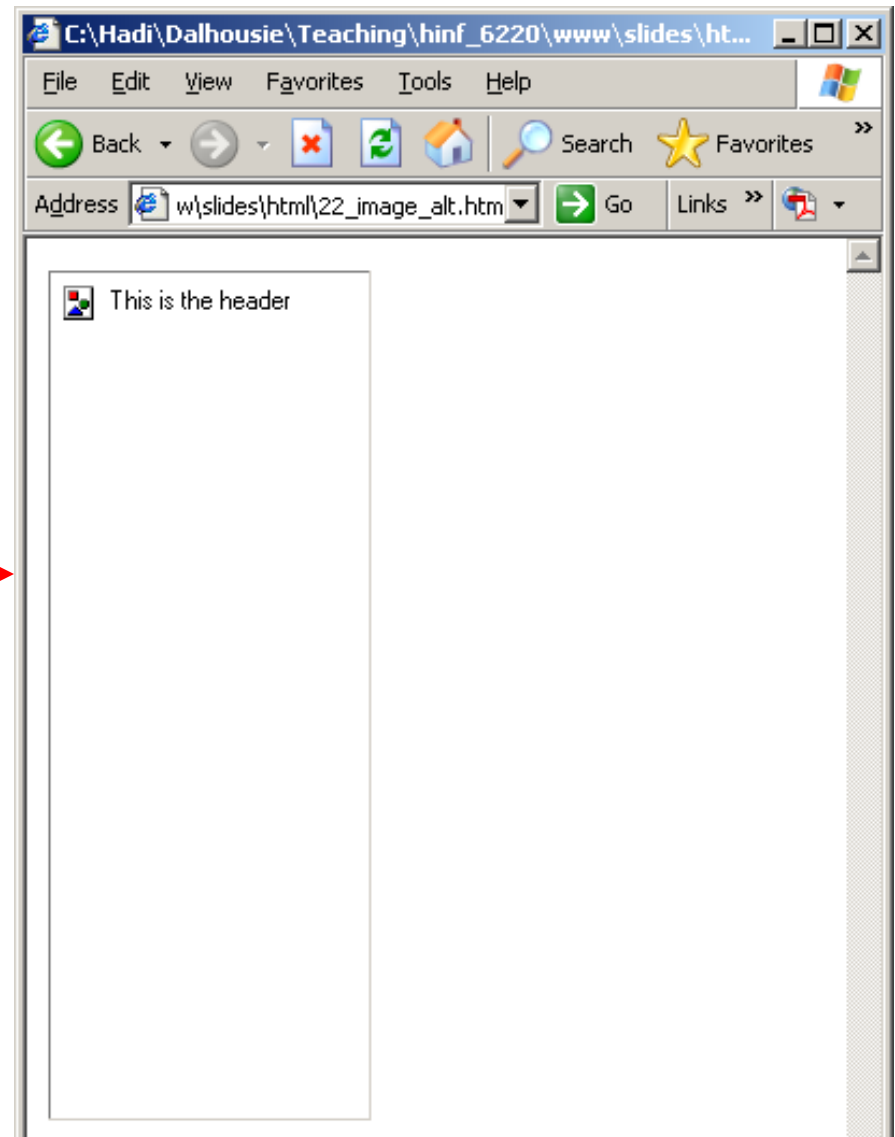
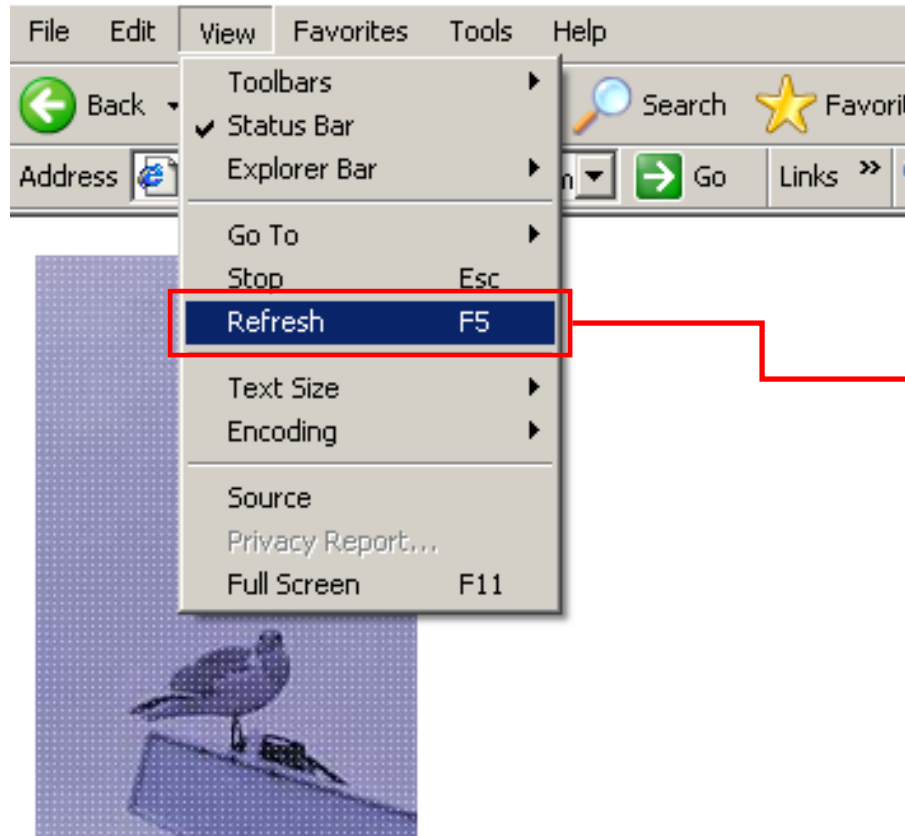

HTML Image (cont.)



HTML Image (cont.)



HTML Image (cont.)



HTML Image (cont.)

- **Linking an Image**

The image tag can be linked to an external page by the `<a>` tag:

```
<a href="url_link">  
      
</a>
```

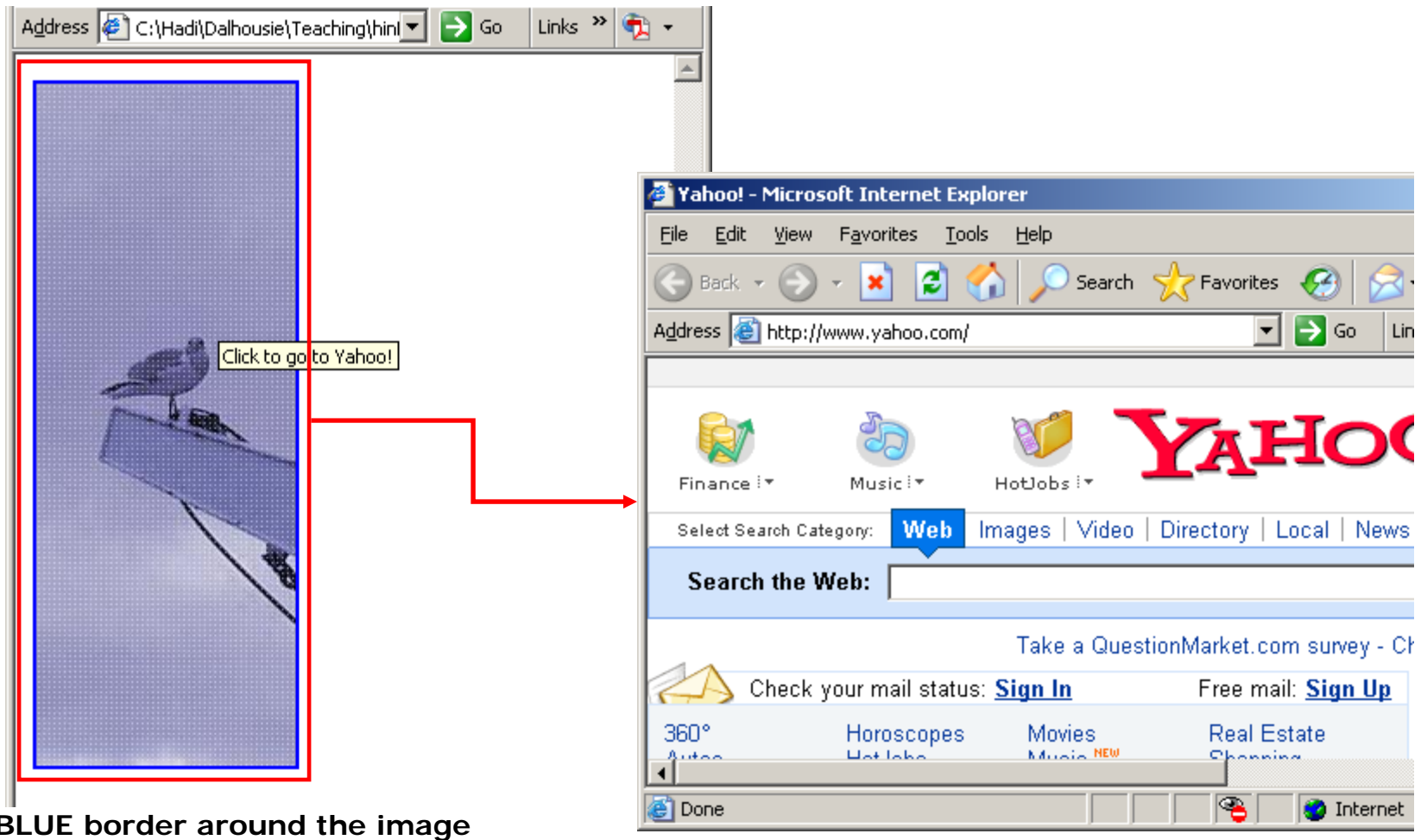
HTML Image (cont.)

```
<html>
  <head></head>
  <body>

    <a href="http://yahoo.com">
      
    </a>

  </body>
</html>
```

HTML Image (cont.)



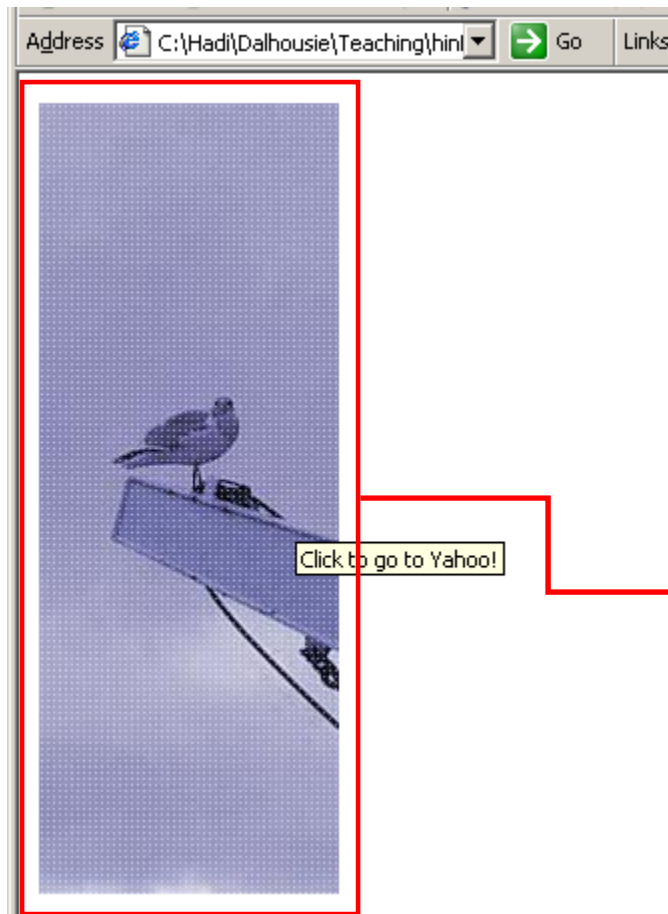
HTML Image (cont.)

```
<html>
  <head></head>
  <body>

    <a href="http://yahoo.com">
      
    </a>

  </body>
</html>
```

HTML Image (cont.)



No BLUE border around the image



2. HTML Lists

- **Unordered Lists**

An unordered list is a list of items. The list items are marked with bullets (typically small black circles).

An unordered list starts with the `` tag. Each list item starts with the `` tag.

The syntax of defining an unordered list is:

```
<ul>  
    <li>Item1</li>  
    <li>Item2</li>  
</ul>
```

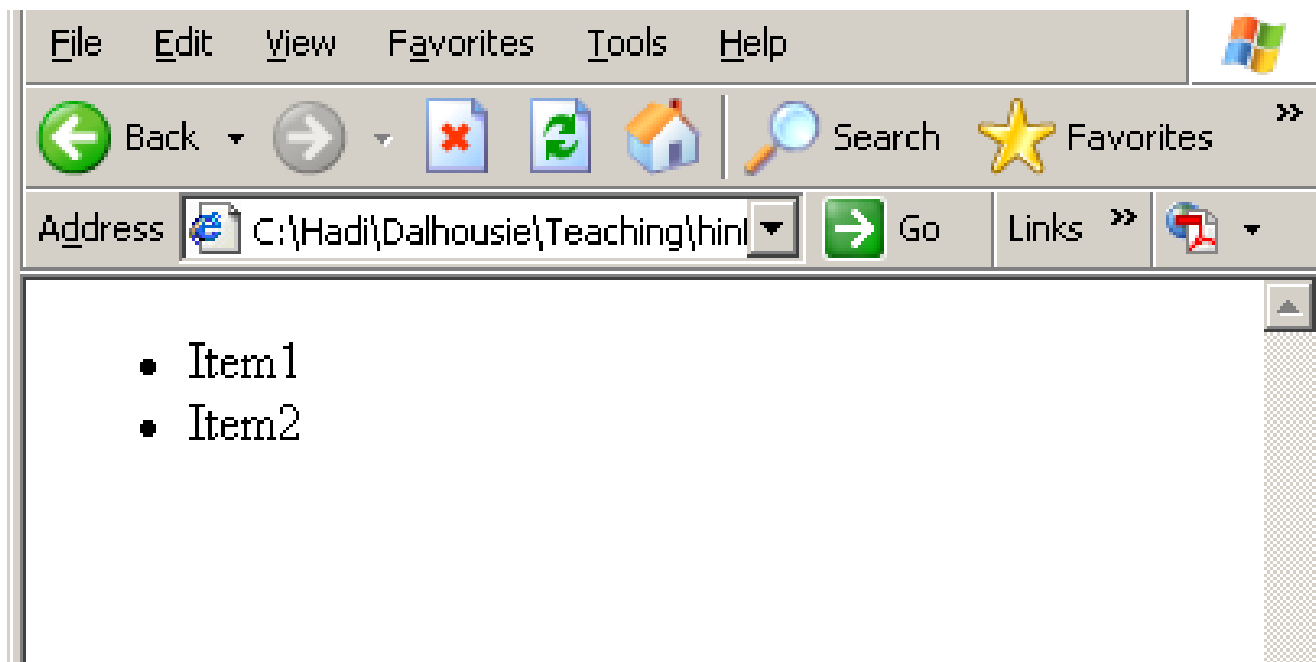
HTML Lists (cont.)

```
<html>
  <head></head>
  <body>

    <ul>
      <li>Item1</li>
      <li>Item2</li>
    </ul>

  </body>
</html>
```

HTML Lists (cont.)



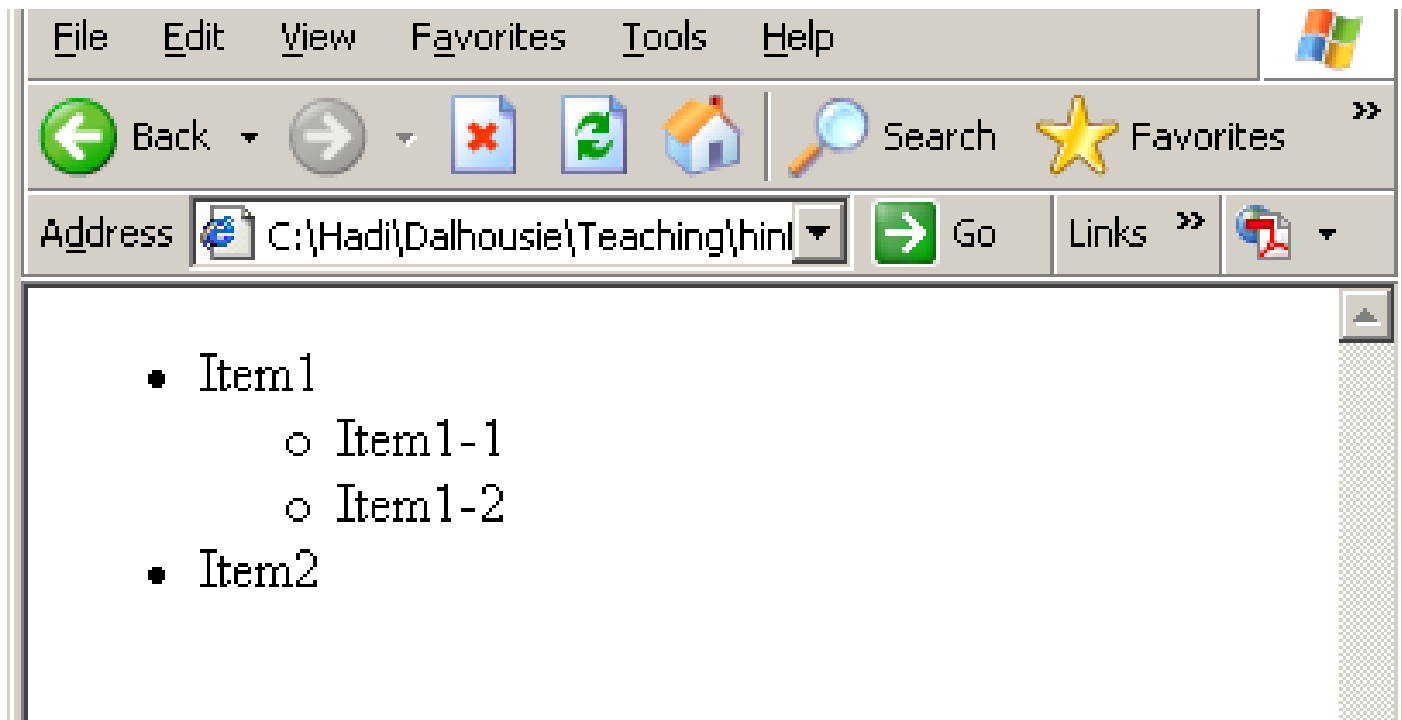
HTML Lists (cont.)

```
<html>
  <head></head>
  <body>

    <ul>
      <li>Item1</li>
      <ul>
        <li>Item1-1</li>
        <li>Item1-2</li>
      </ul>
      <li>Item2</li>
    </ul>

  </body>
</html>
```

HTML Lists (cont.)



HTML Lists (cont.)

- **Ordered Lists**

An ordered list is also a list of items. The list items are marked with numbers.

An ordered list starts with the `` tag. Each list item starts with the `` tag.

The syntax of defining an ordered list is:

```
<ol>  
    <li>Item1</li>  
    <li>Item2</li>  
</ol>
```

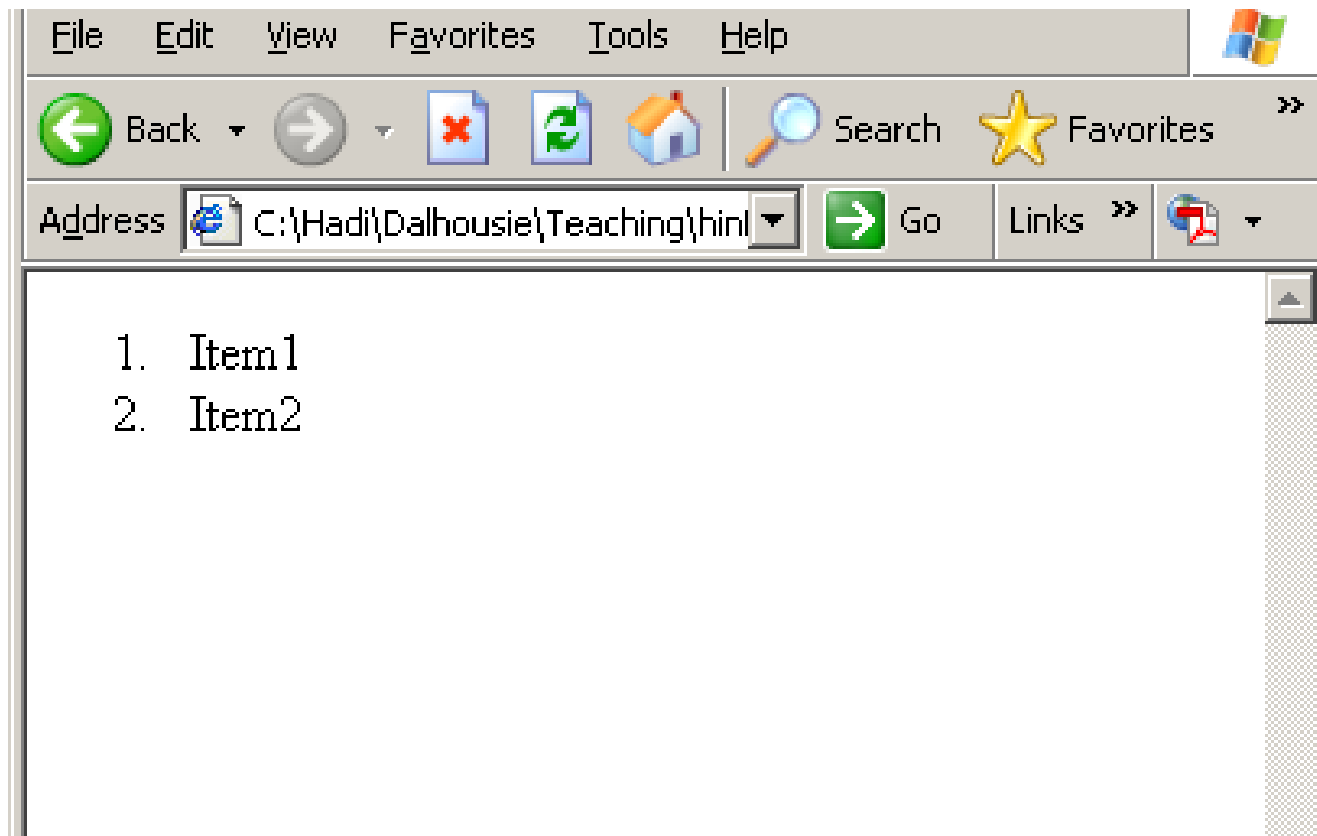
HTML Lists (cont.)

```
<html>
  <head></head>
  <body>

    <ol>
      <li>Item1</li>
      <li>Item2</li>
    </ol>

  </body>
</html>
```

HTML Lists (cont.)



HTML Lists (cont.)

- **Definition Lists**

A definition list is not a list of items. This is a list of terms and explanation of the terms.

A definition list starts with the `<dl>` tag. Each definition-list term starts with the `<dt>` tag. Each definition-list definition starts with the `<dd>` tag.

The syntax of defining a definition list is:

```
<dl>
<dt>Item1</dt>
<dd>Item1_description</dd>
<dt>Item2</dt>
<dd>Item2_description</dd>
</dl>
```

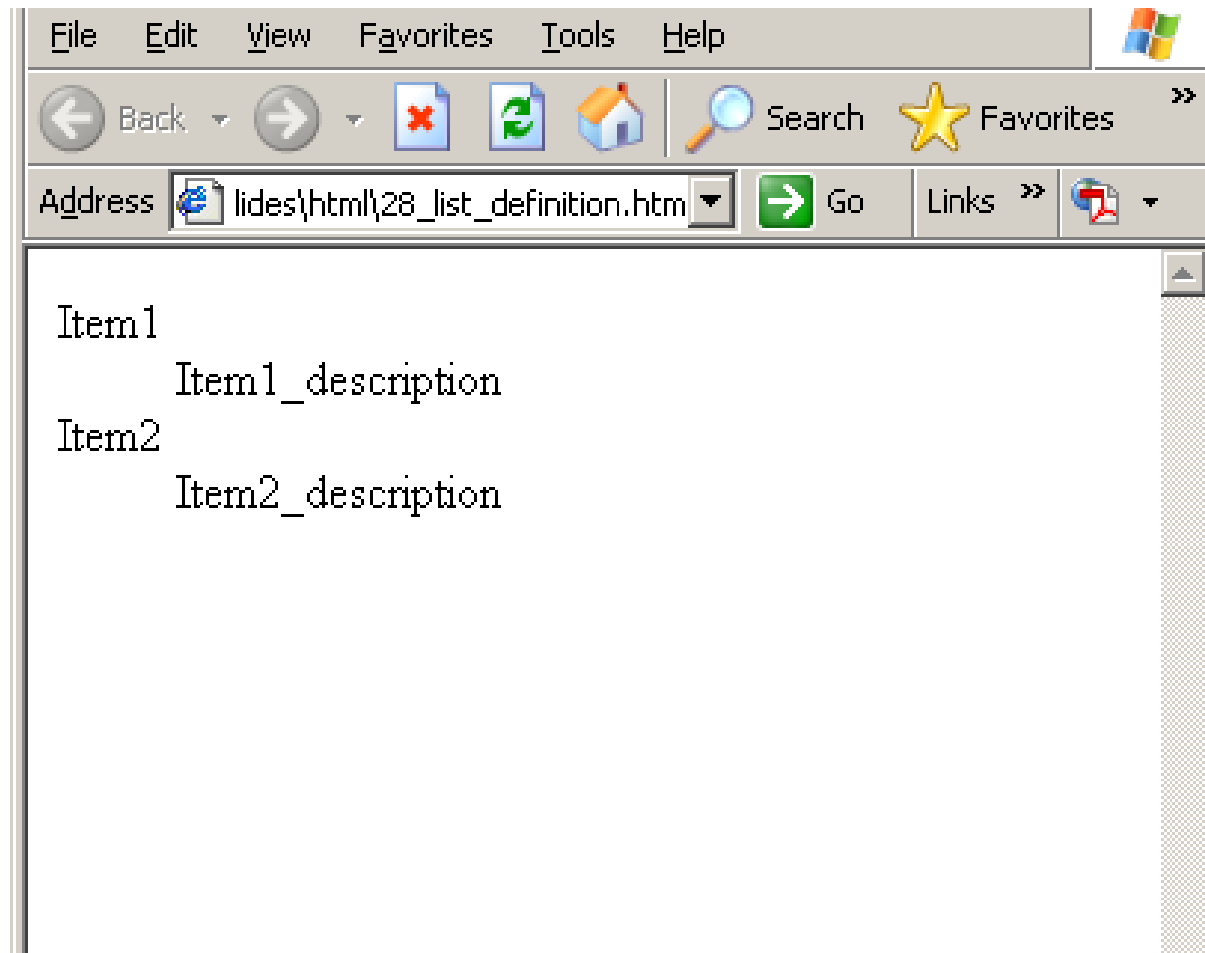
HTML Lists (cont.)

```
<html>
  <head></head>
  <body>

    <dl>
      <dt>Item1</dt>
      <dd>Item1_description</dd>
      <dt>Item2</dt>
      <dd>Item2_description</dd>
    </dl>

  </body>
</html>
```

HTML Lists (cont.)



3. HTML Tables

- Tables are defined with the `<table>` tag. A table is divided into rows (with the `<tr>` tag), and each row is divided into data cells (with the `<td>` tag). The letters `td` stands for "table data," which is the content of a data cell. A data cell can contain text, images, lists, paragraphs, forms, horizontal rules, tables, etc.:

```
<table>
  <tr>
    <td>row 1, cell 1</td>
    <td>row 1, cell 2</td>
  </tr>
  <tr>
    <td>row 2, cell 1</td>
    <td>row 2, cell 2</td>
  </tr>
</table>
```

HTML Tables (cont.)

```
<html>
  <head></head>
  <body>
    <table>
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The screenshot shows a web browser window with the following content:

Address: `ing\hinf_6220\www\slides\html\29_table_basic.htm`

Text content:

```
row 1, cell 1 row 1, cell 2
row 2, cell 1 row 2, cell 2
```

HTML tags and their corresponding visual representations:

- COLUMN <td>**: A red box highlights the first cell of the first row in the text, with a red arrow pointing to the first cell of the first row in the table diagram.
- TABLE <table>**: A blue box highlights the entire table structure in the diagram.
- ROW <tr>**: A green box highlights the first row of the table, and another green box highlights the second row.

The table diagram consists of two rows and two columns:

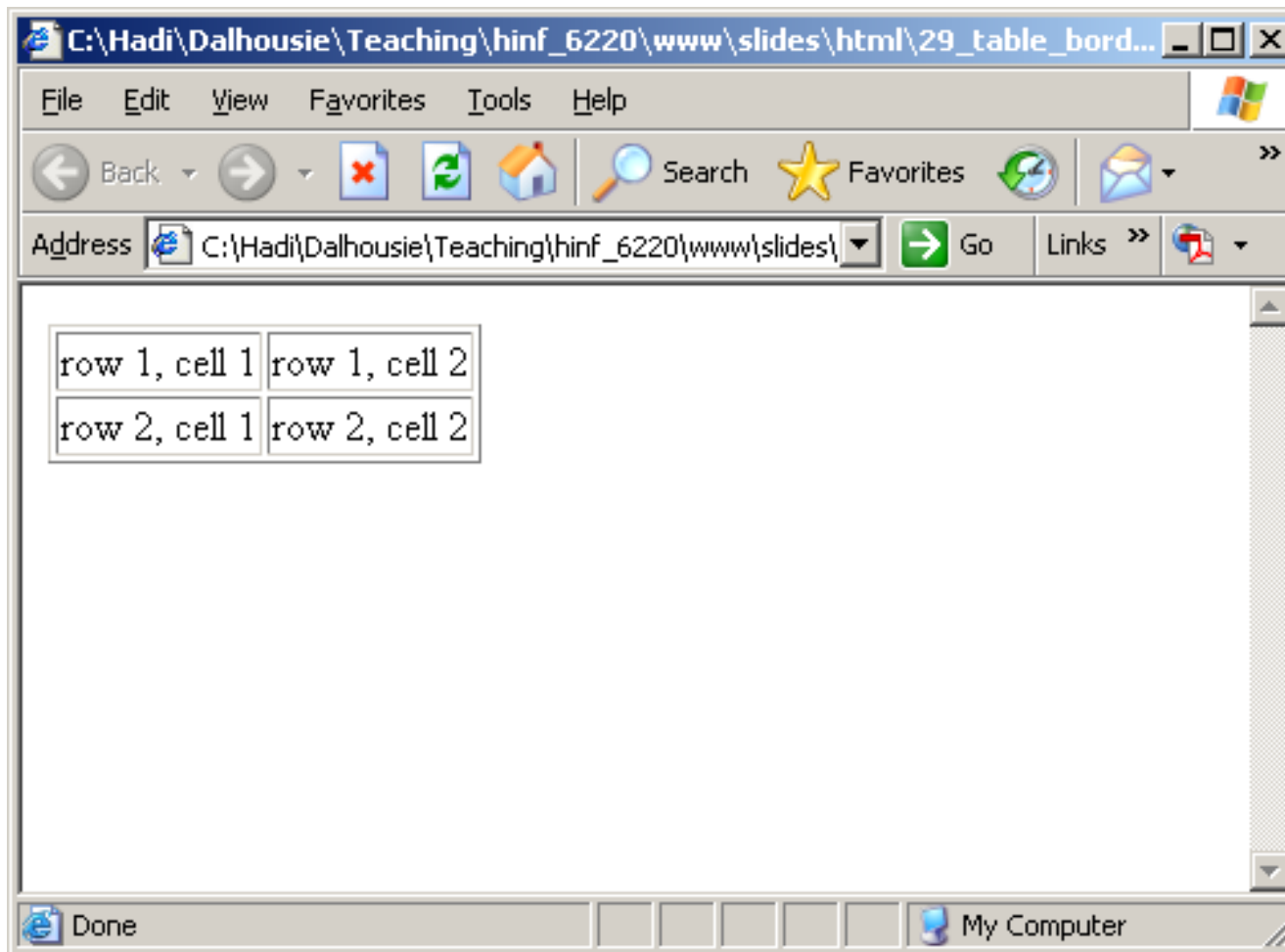
HTML Tables (cont.)

The **BORDER** Attribute

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **BORDER** Attribute



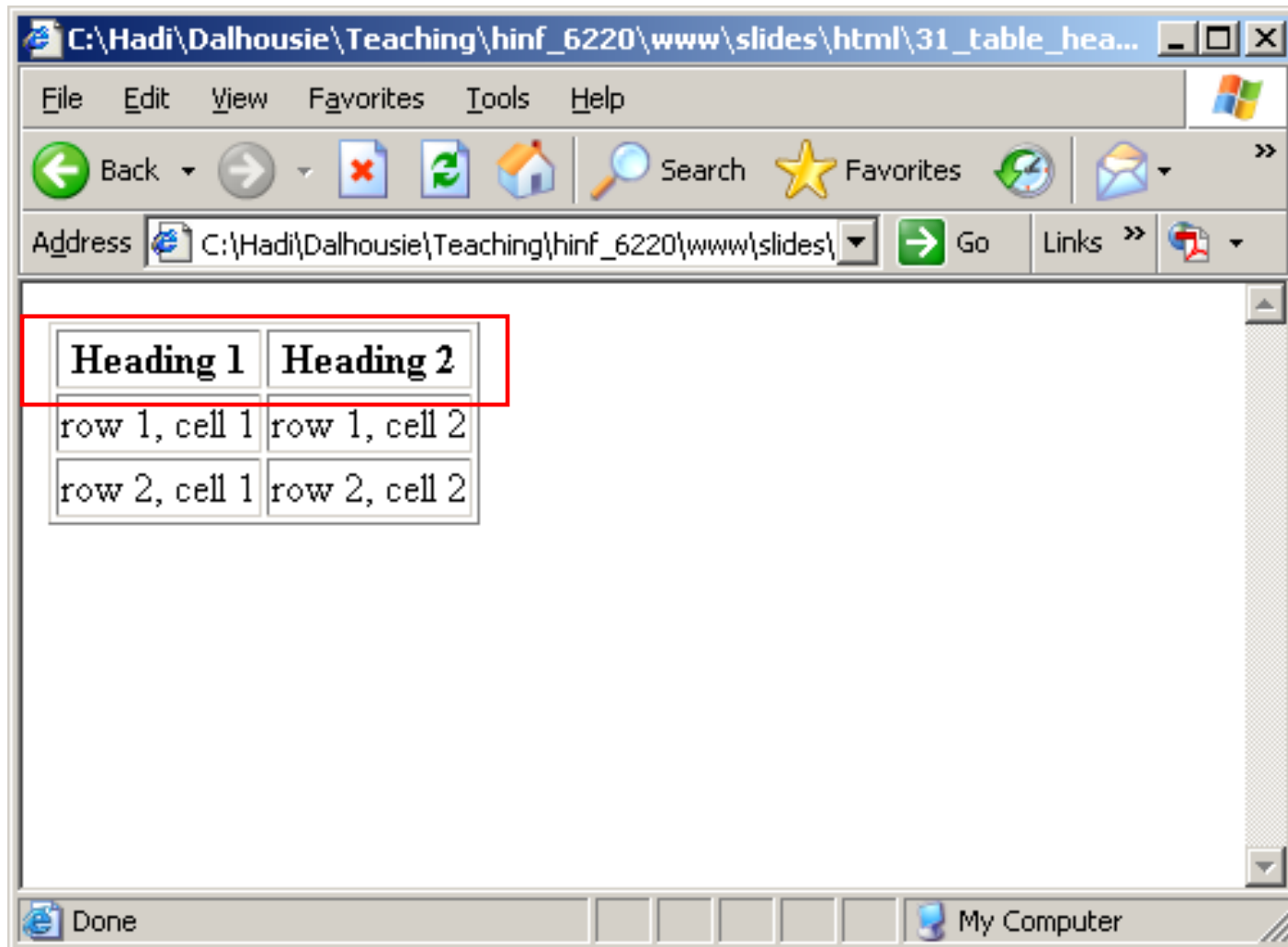
HTML Tables (cont.)

The TH (table header) tag

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <th>Heading 1</th>
        <th>Heading 2</th>
      </tr>
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **TH** (table header) tag



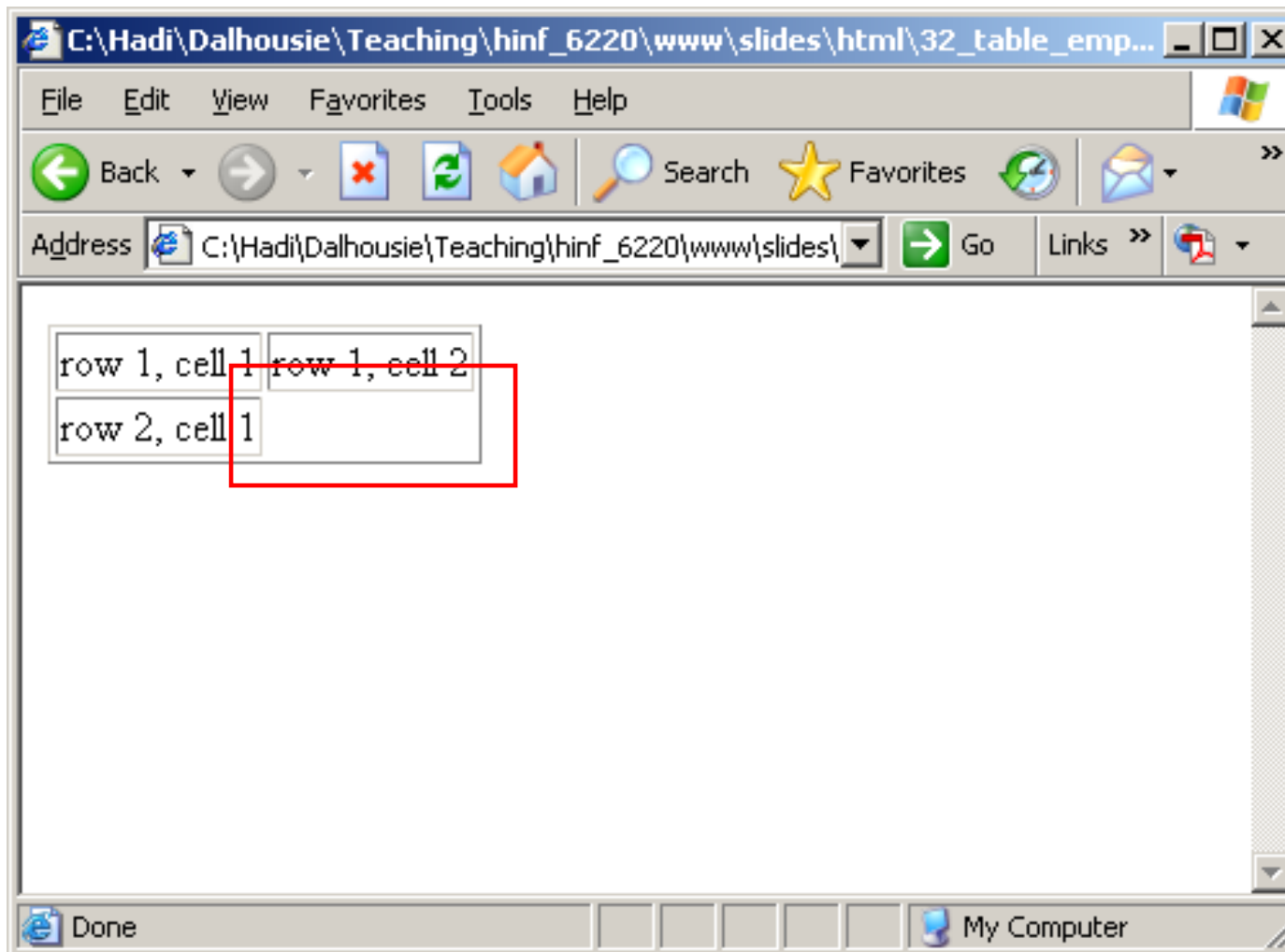
HTML Tables (cont.)

Empty Cell Problems

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td></td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

Empty Cell Problems



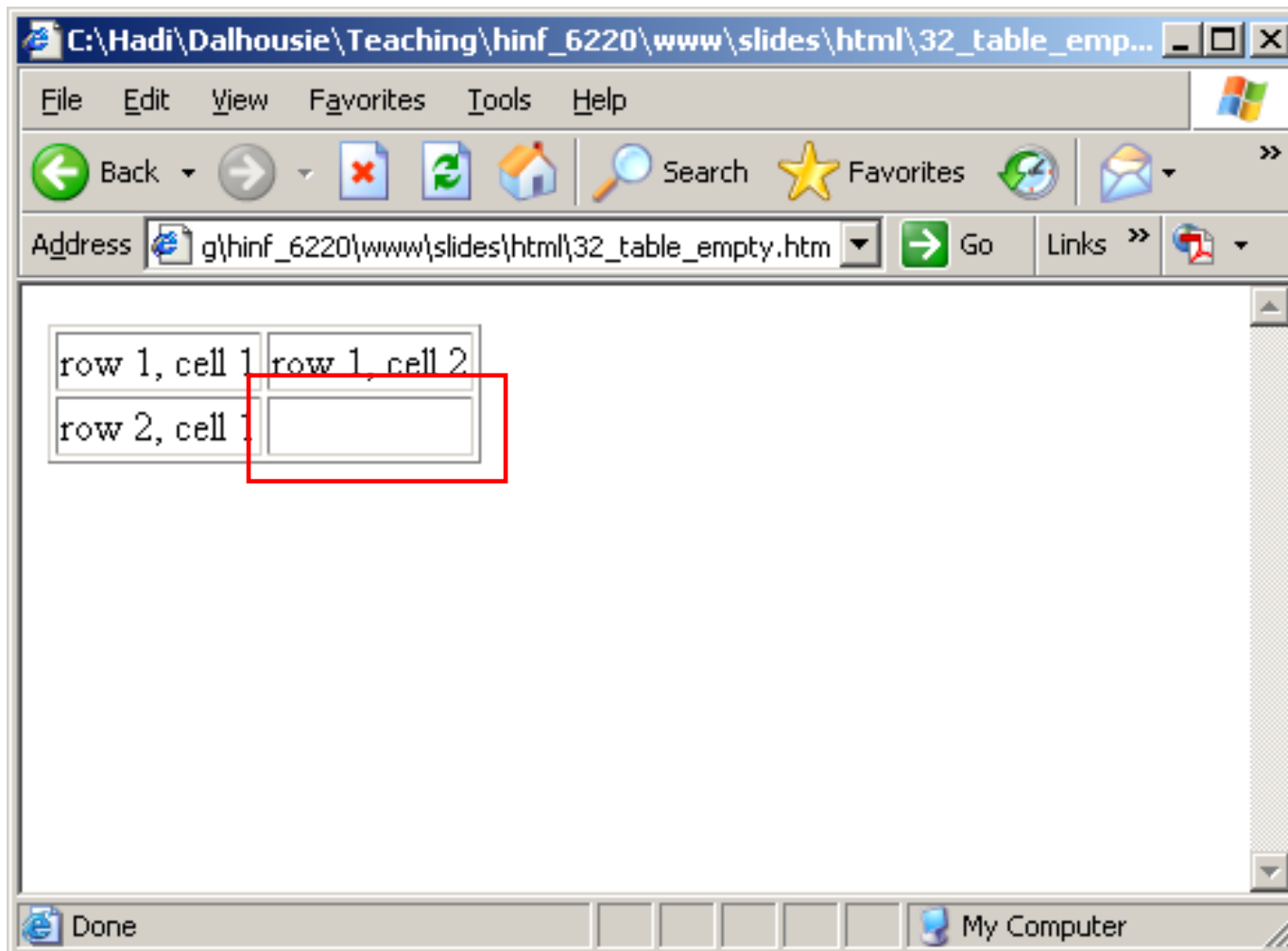
HTML Tables (cont.)

Empty Cell Problems

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>&nbsp;</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

Empty Cell Problems



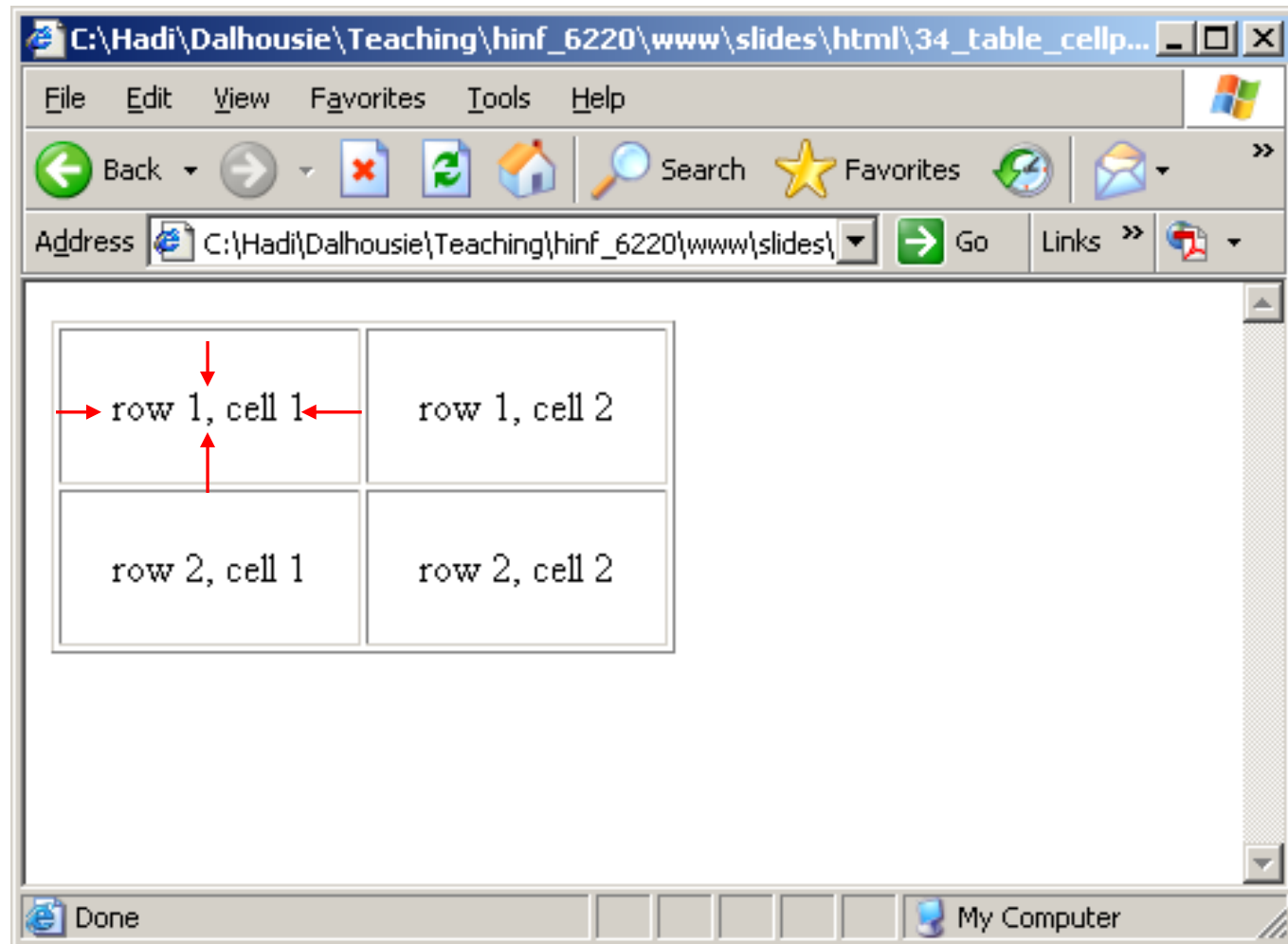
HTML Tables (cont.)

The **CELLPADDING** attribute

```
<html>
  <head></head>
  <body>
    <table border="1" cellpadding="20">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **CELLPADDING** attribute



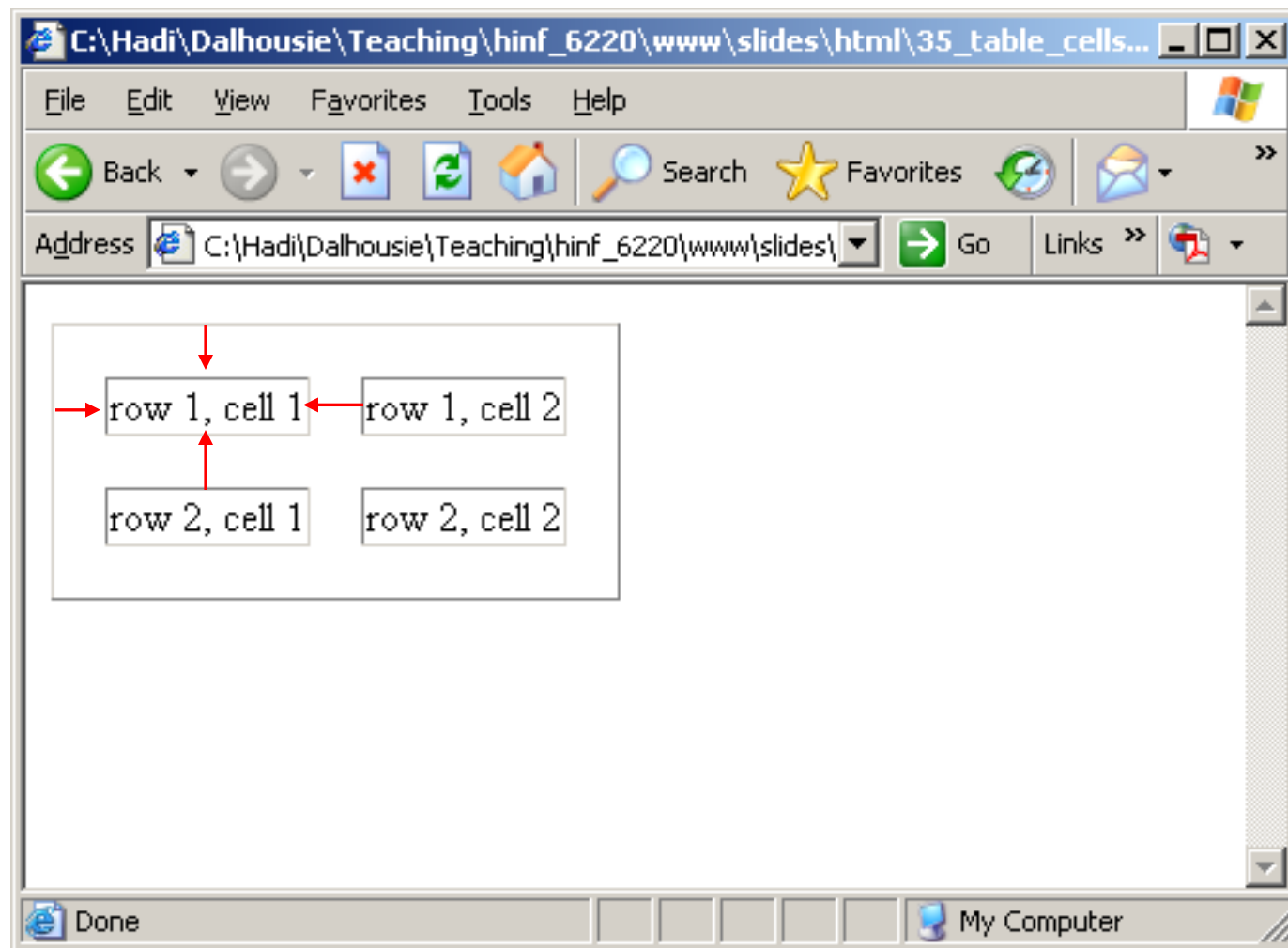
HTML Tables (cont.)

The **CELLSPACING** attribute

```
<html>
  <head></head>
  <body>
    <table border="1" cellspacing="20">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **CELLSPACING** attribute



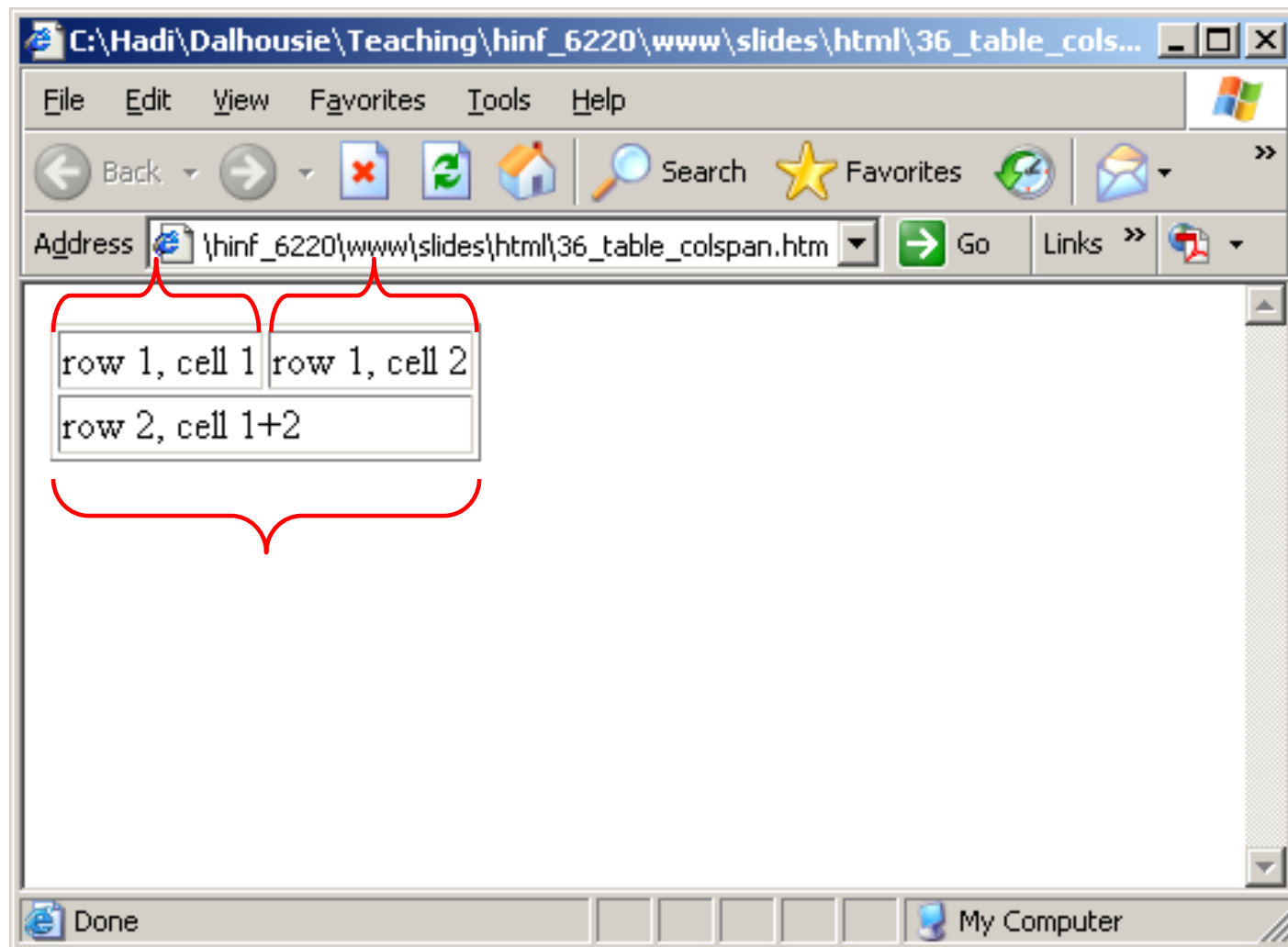
HTML Tables (cont.)

The **COLSPAN** attribute

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td colspan="2">row 2, cell 1+2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The COLSPAN attribute



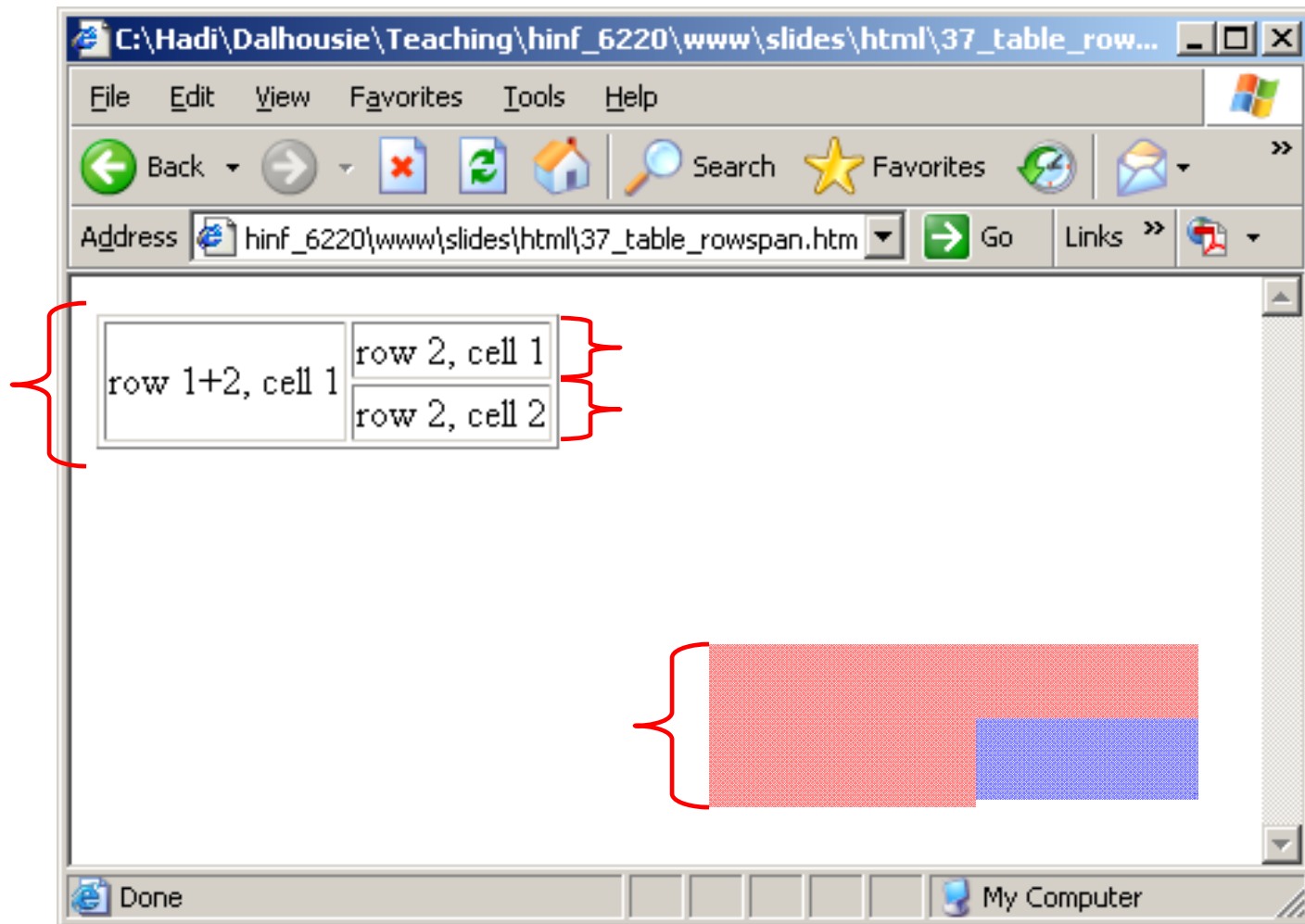
HTML Tables (cont.)

The **ROWSPAN** attribute

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td rowspan="2">row 1+2, cell 1</td>
        <td>row 2, cell 1</td>
      </tr>
      <tr>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **ROWSPAN** attribute



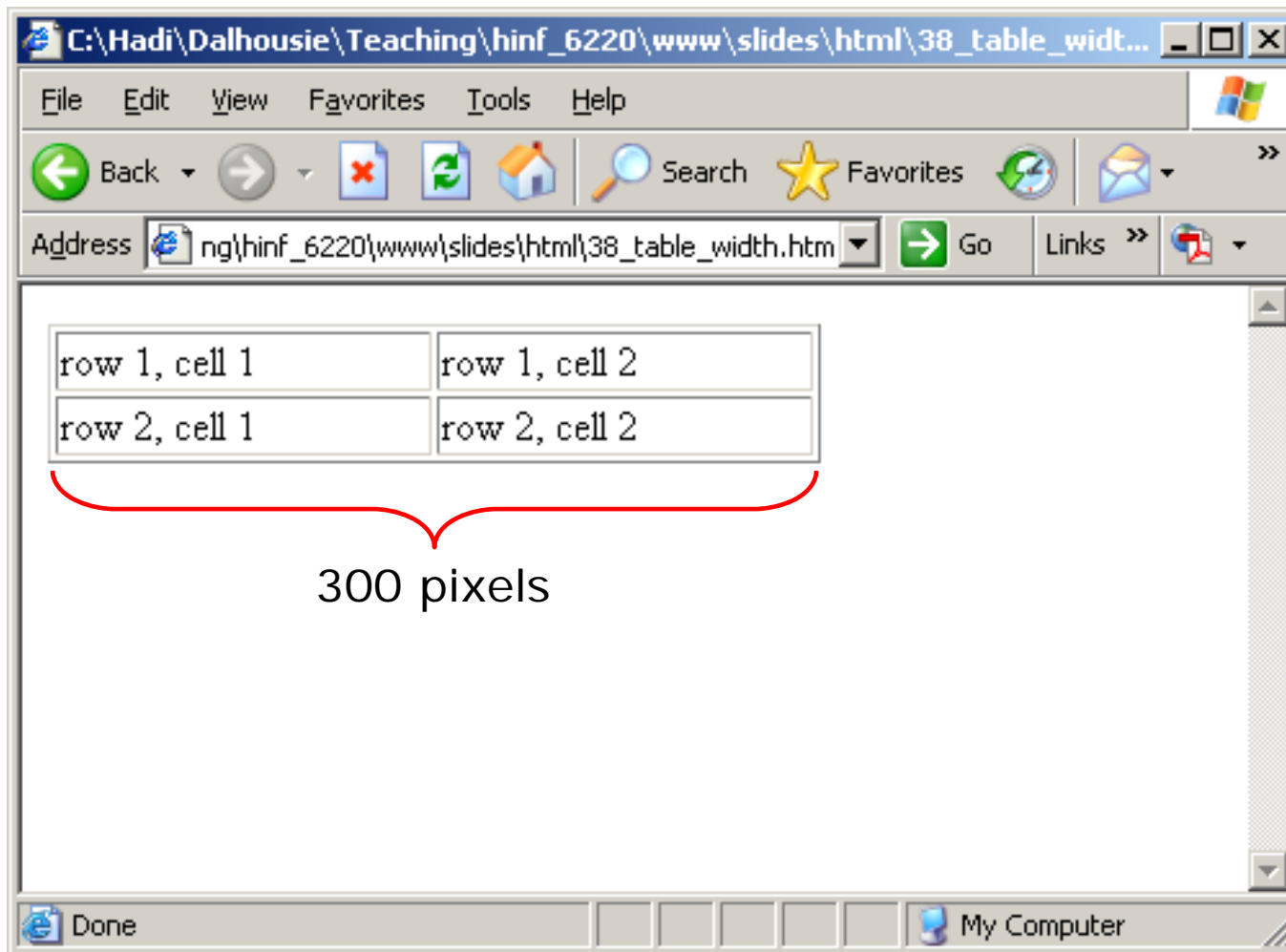
HTML Tables (cont.)

The **WIDTH** attribute

```
<html>
  <head></head>
  <body>
    <table border="1" width="300">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **WIDTH** attribute



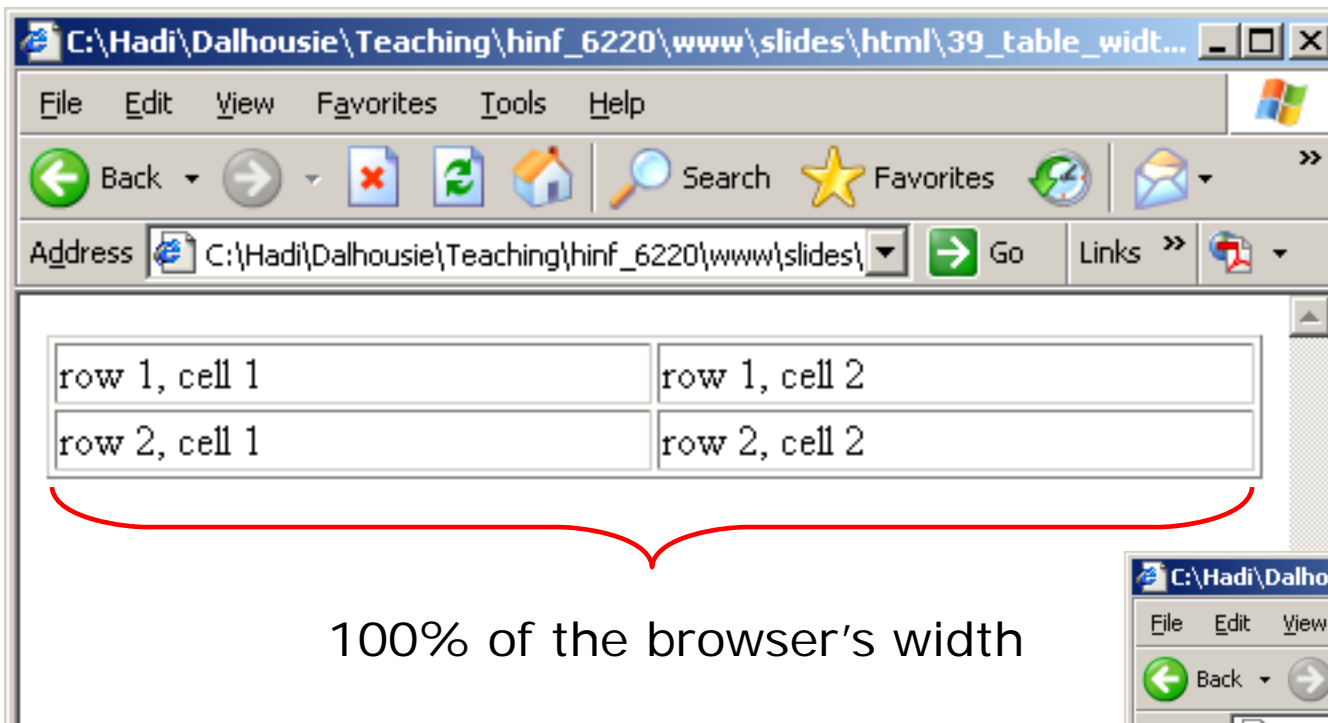
HTML Tables (cont.)

The **WIDTH** attribute

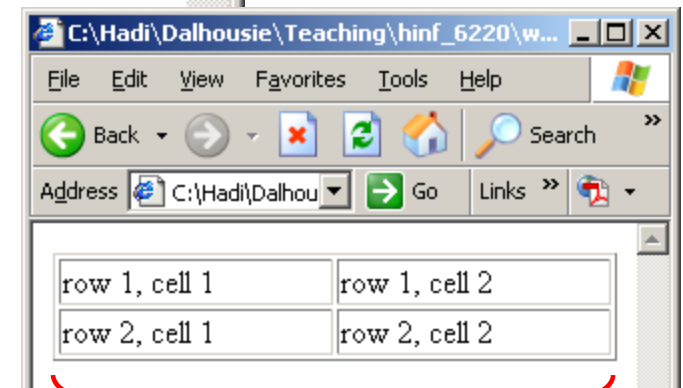
```
<html>
  <head></head>
  <body>
    <table border="1" width="100%">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **WIDTH** attribute



100% of the browser's width



100% of the browser's width

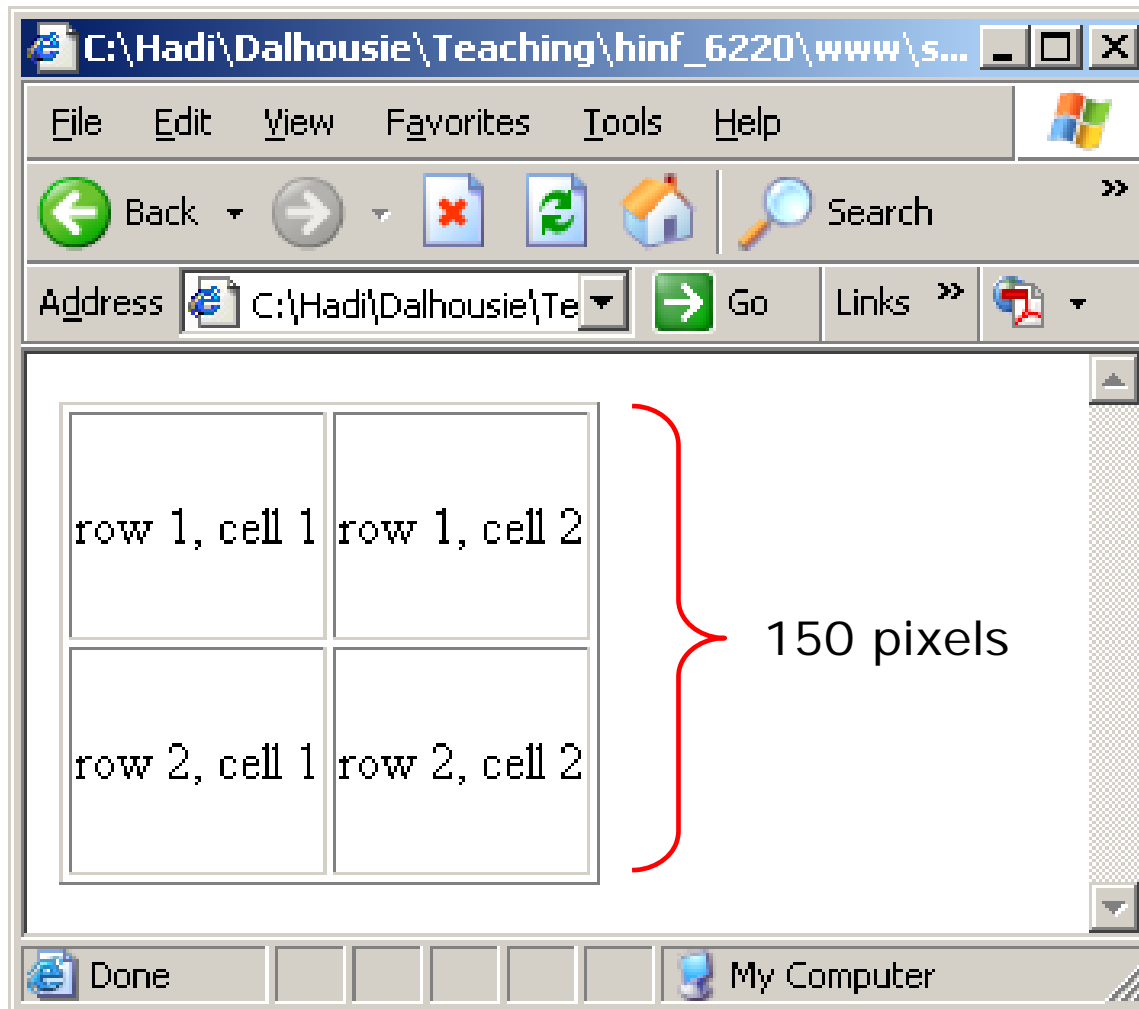
HTML Tables (cont.)

The **HEIGHT** attribute

```
<html>
  <head></head>
  <body>
    <table border="1" height="150">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **HEIGHT** attribute



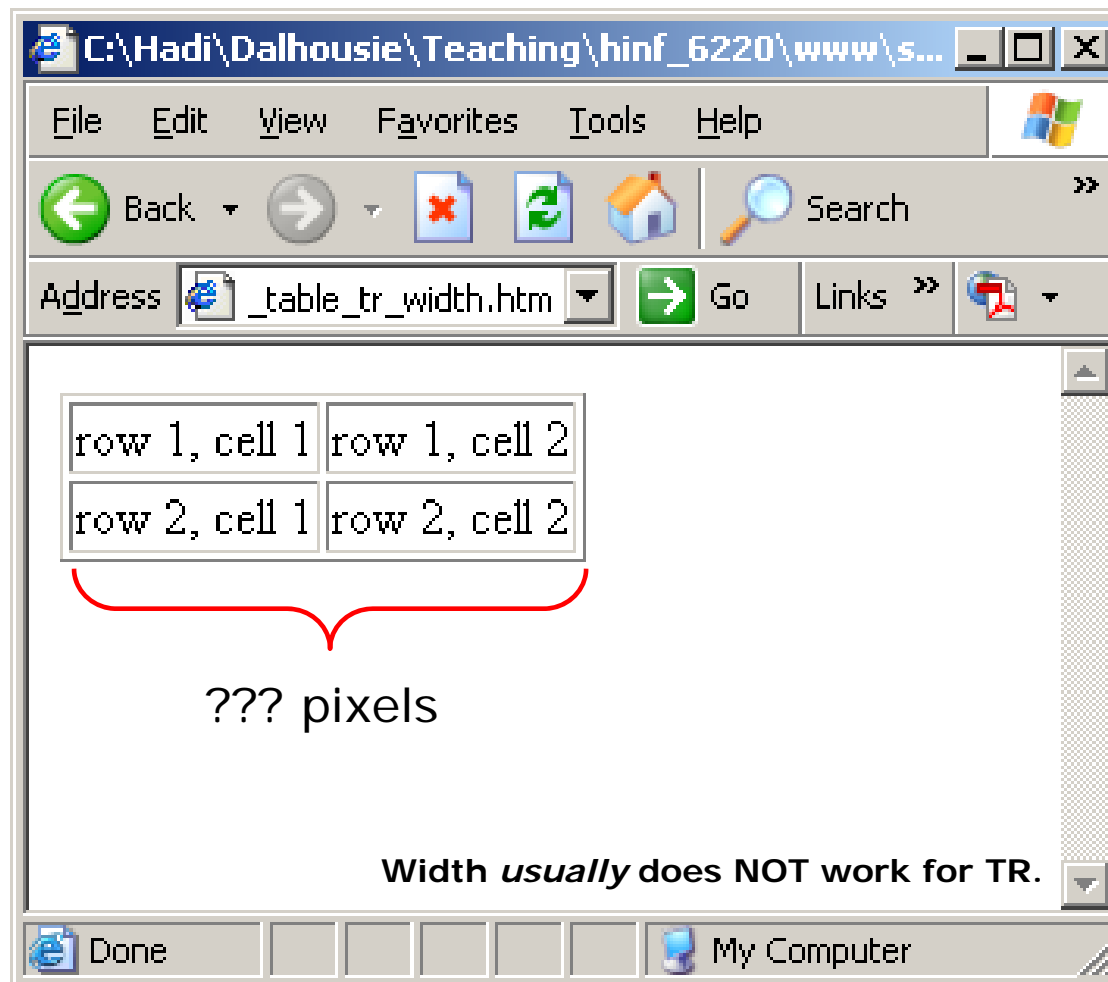
HTML Tables (cont.)

The TR WIDTH attribute

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr width="300">
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The TR WIDTH attribute



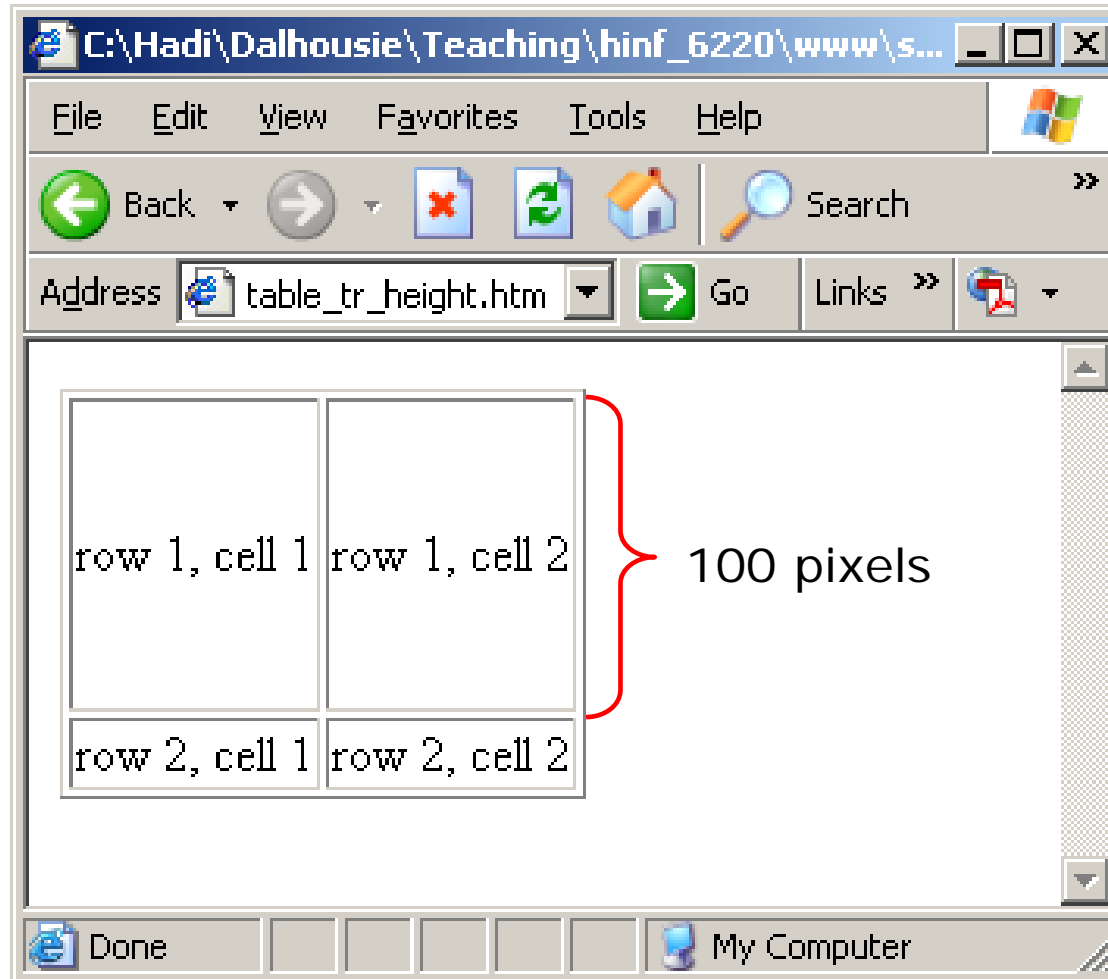
HTML Tables (cont.)

The TR HEIGHT attribute

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr height="100">
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The TR HEIGHT attribute



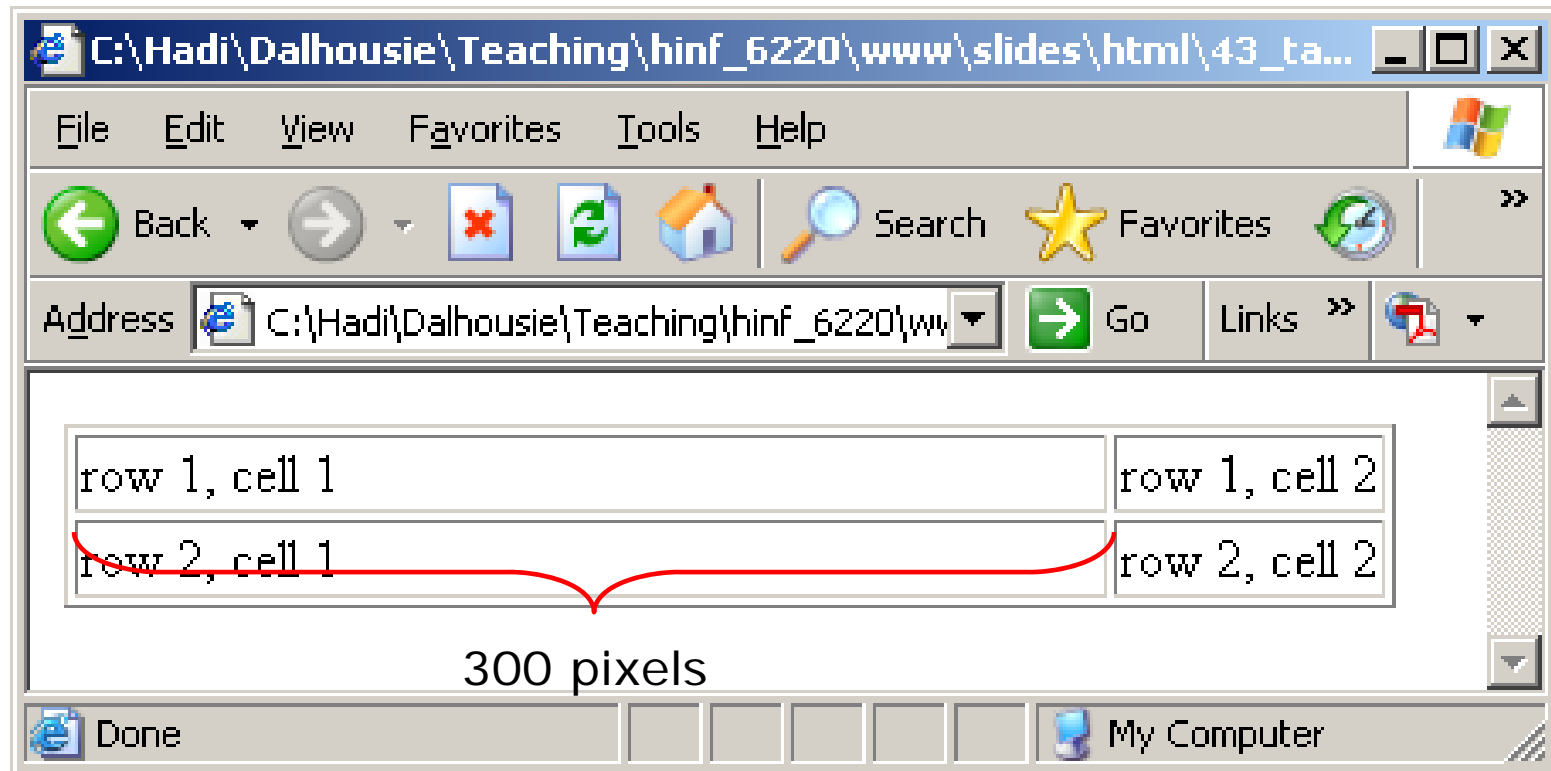
HTML Tables (cont.)

The TD WIDTH attribute

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td width="300">row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The TD WIDTH attribute



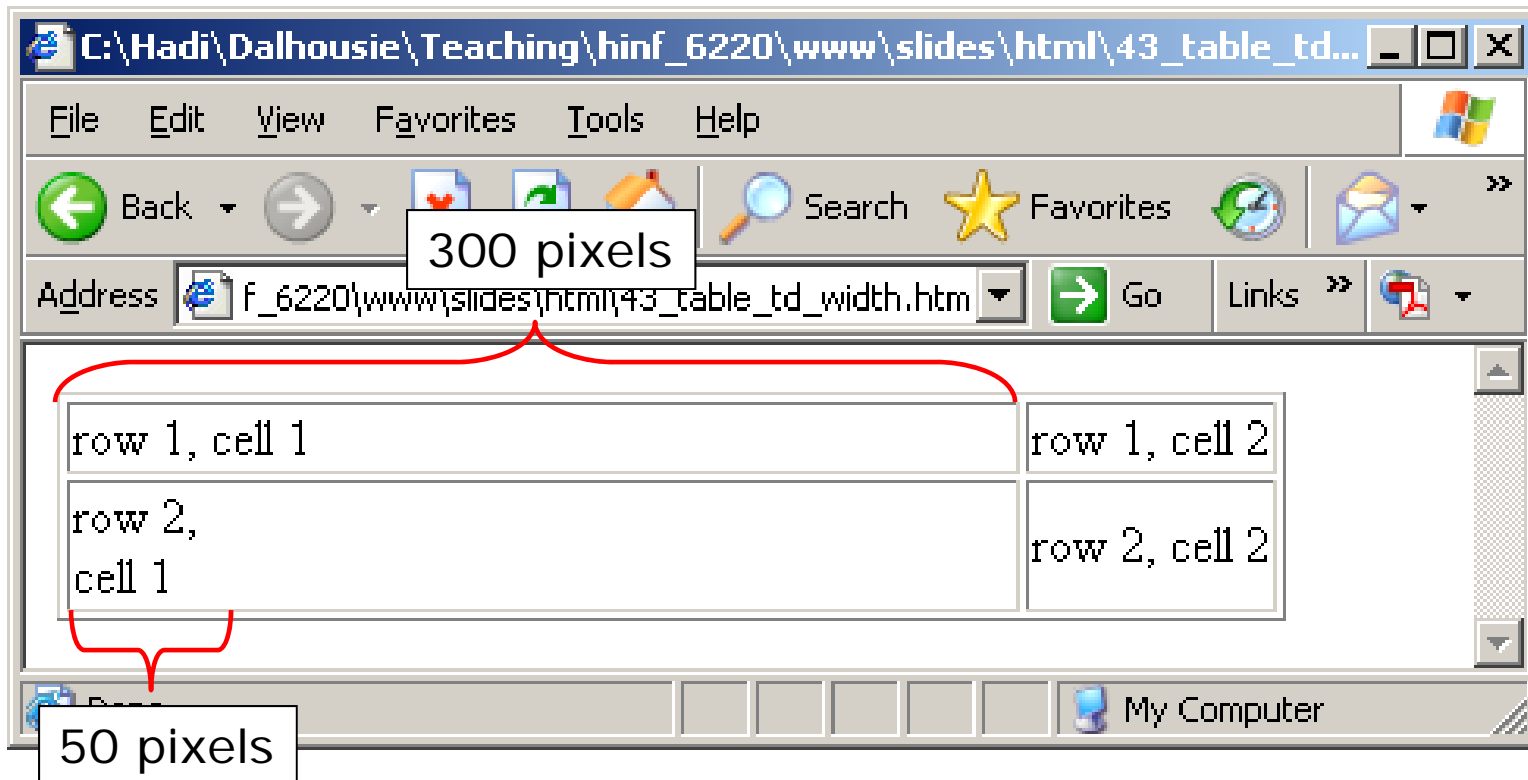
HTML Tables (cont.)

The TD WIDTH attribute

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td width="300">row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td width="50">row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The TD WIDTH attribute



HTML Tables (cont.)

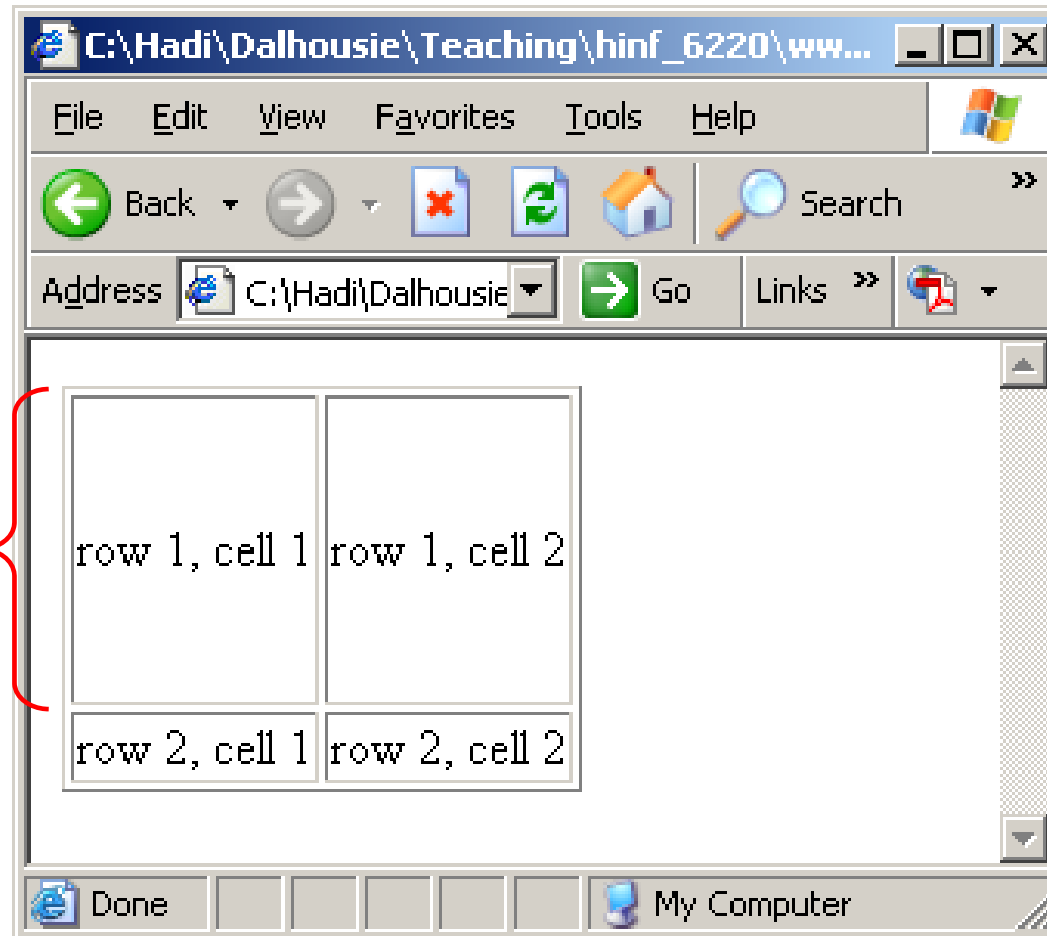
The TD HEIGHT attribute

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td height="100">row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **TD HEIGHT** attribute

100 pixels



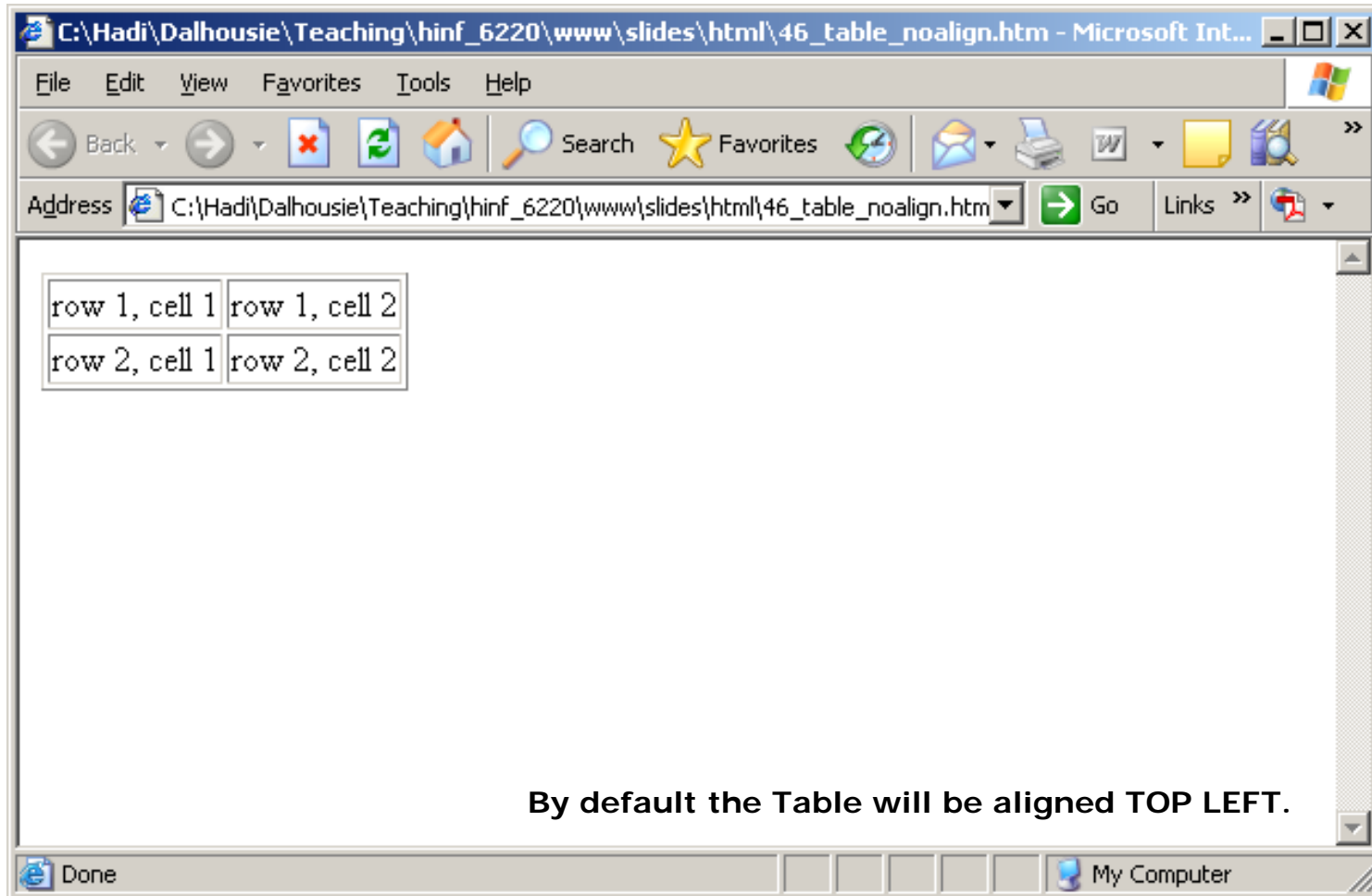
HTML Tables (cont.)

The **ALIGN** attribute

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **ALIGN** attribute



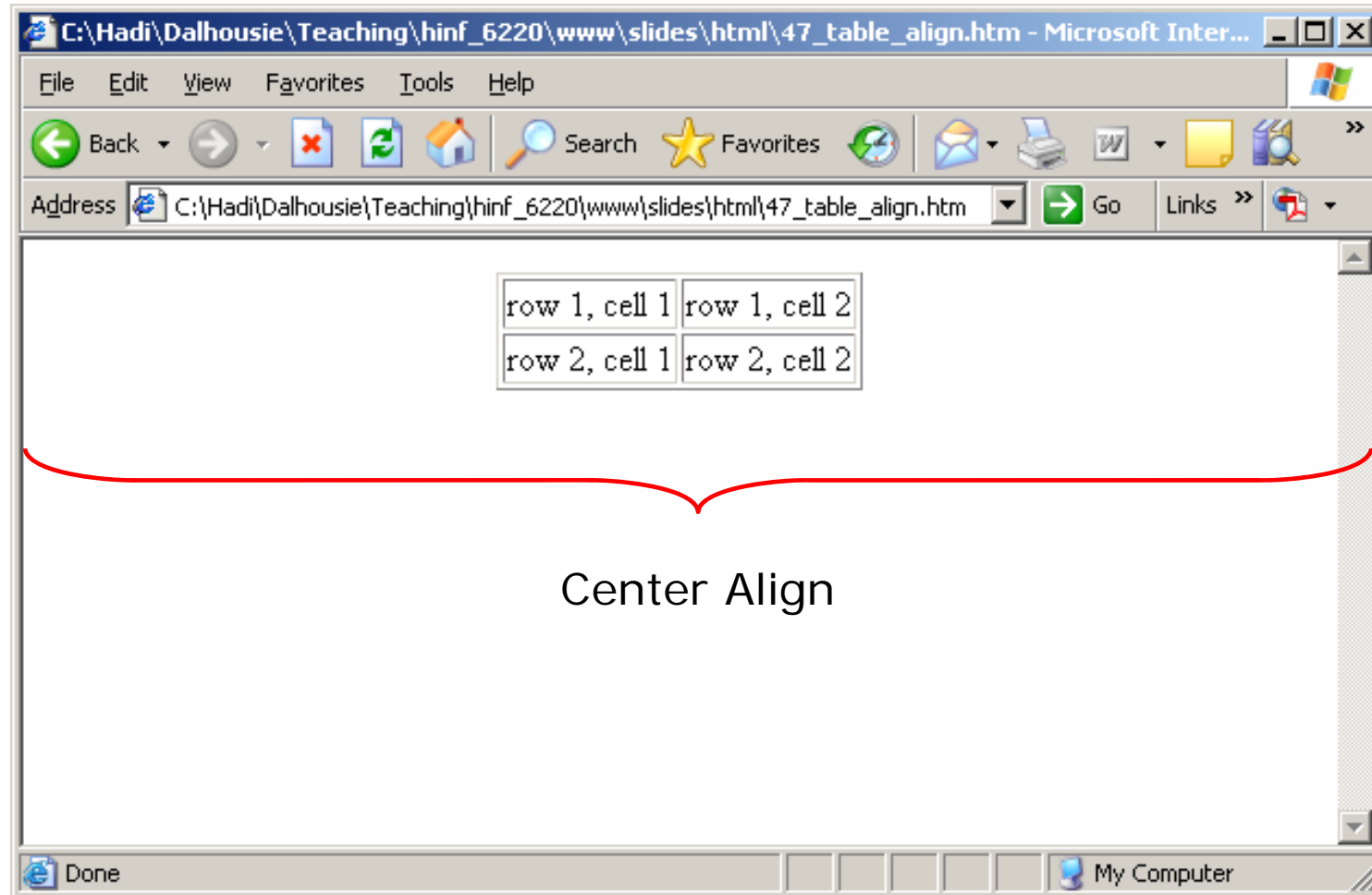
HTML Tables (cont.)

The **ALIGN** attribute

```
<html>
  <head></head>
  <body>
    <table border="1" align='center'>
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **ALIGN** attribute



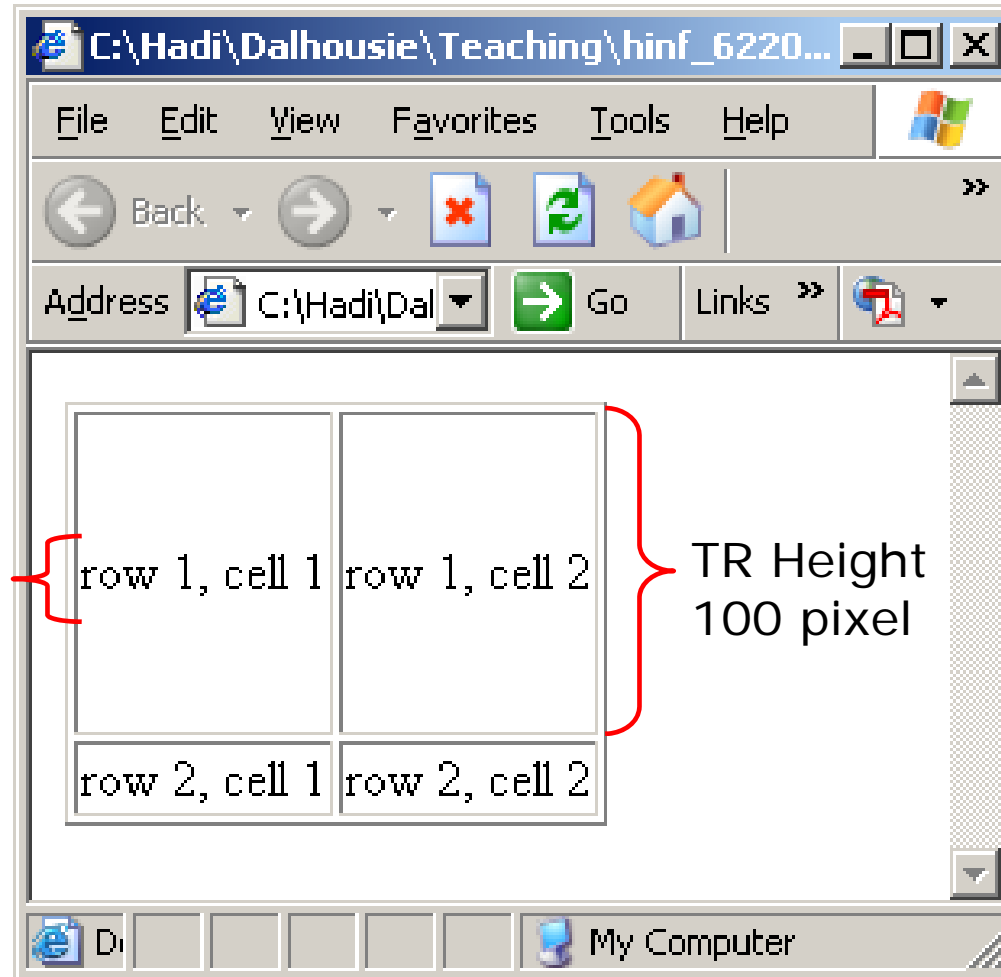
HTML Tables (cont.)

The TR ALIGN attribute

```
<html>
  <head></head>
  <body>
    <table border="1" >
      <tr height='100'>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

*HTML Tables (cont.)*The **TR ALIGN** attribute

Middle
Vertical
Align.



HTML Tables (cont.)

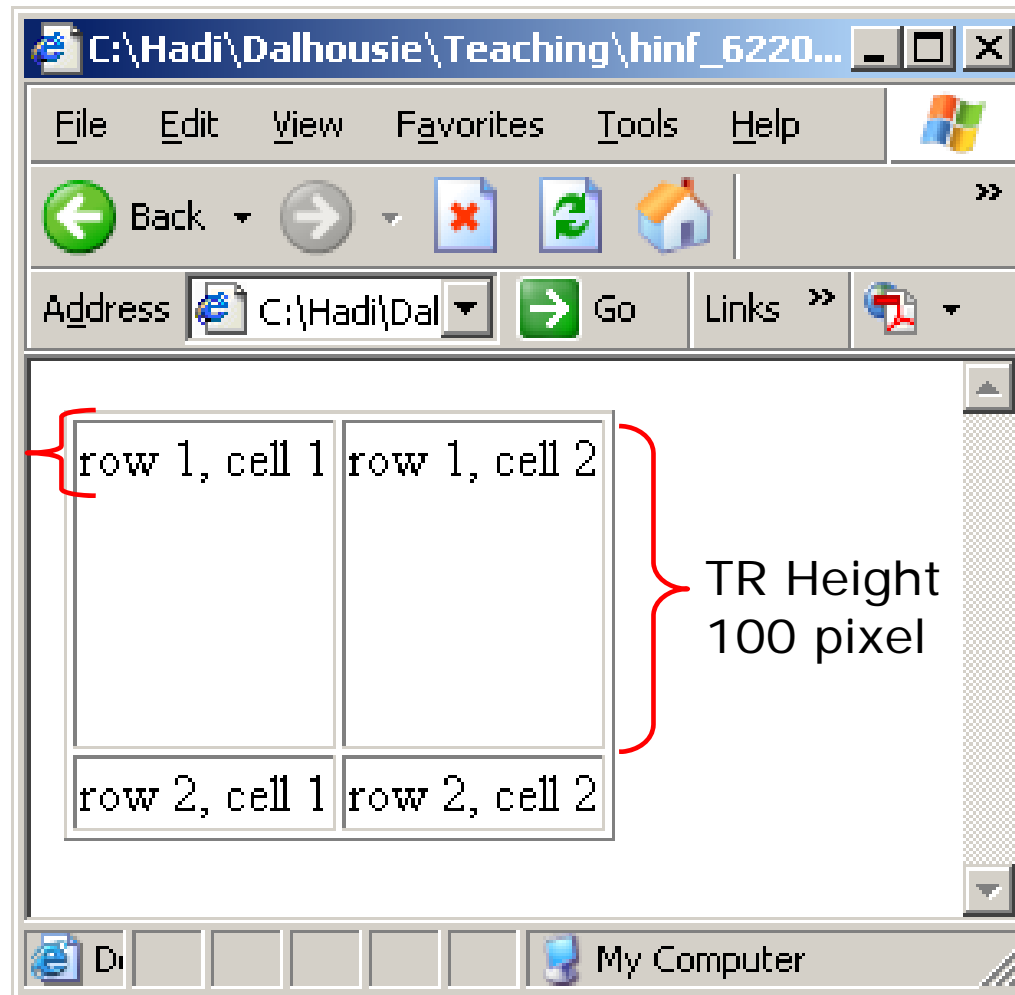
The **TR ALIGN** attribute

```
<html>
  <head></head>
  <body>
    <table border="1" >
      <tr height='100' valign='top'>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **TR ALIGN** attribute

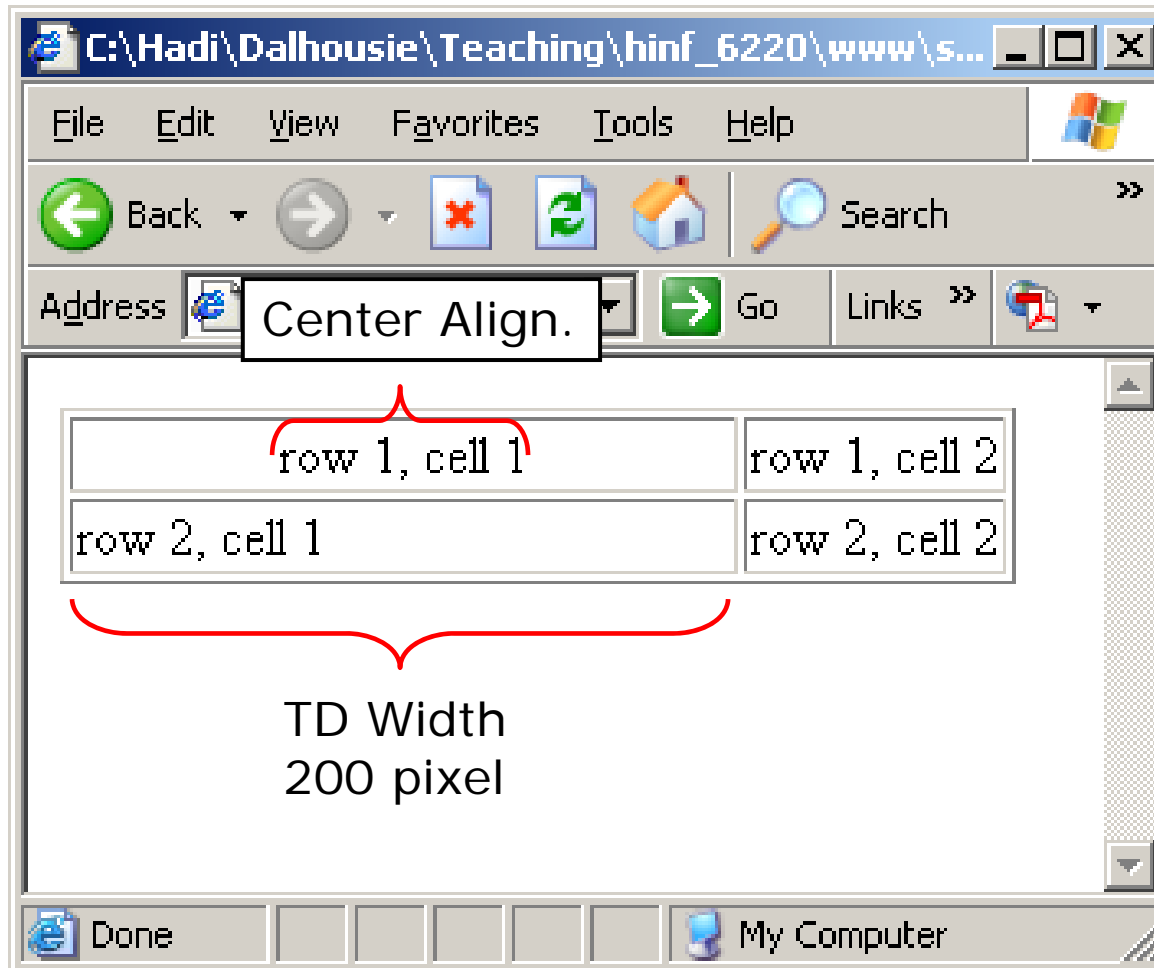
Top
Vertical
Align.



HTML Tables (cont.)

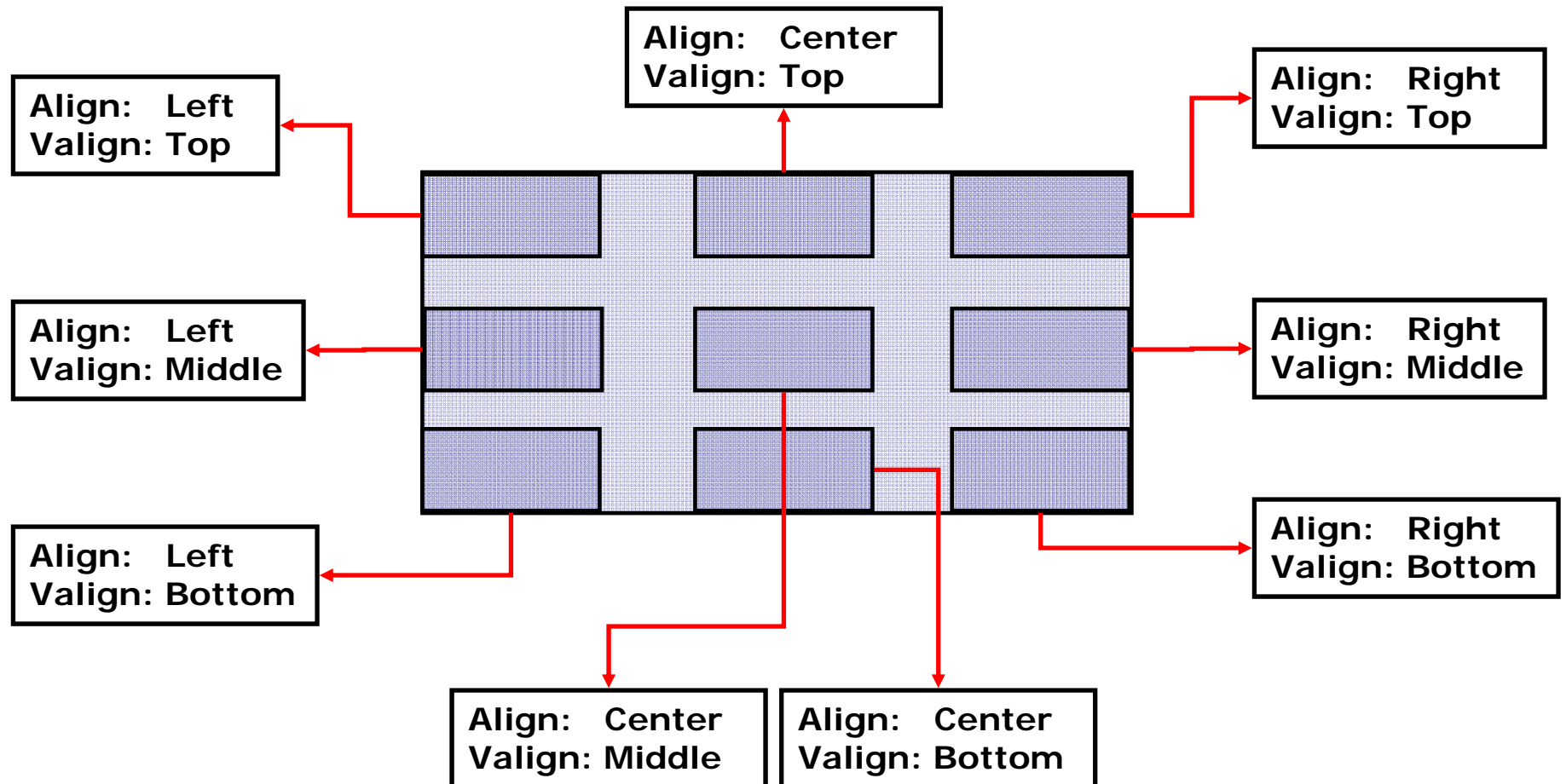
The TD ALIGN attribute

```
<html>
  <head></head>
  <body>
    <table border="1" >
      <tr>
        <td width='200' align='center'>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

*HTML Tables (cont.)*The **TD ALIGN** attribute

HTML Tables (cont.)

The **ALIGN** attribute



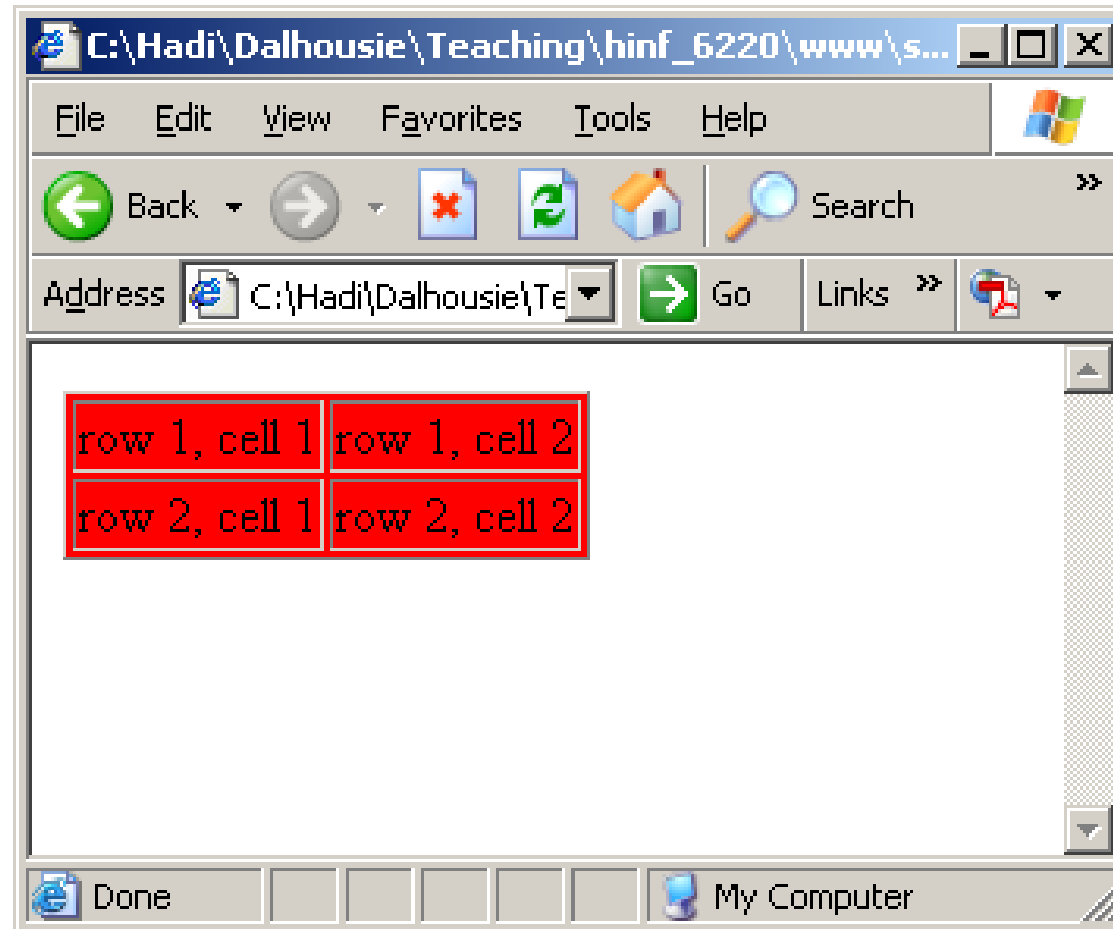
HTML Tables (cont.)

The **BGCOLOR** attribute

```
<html>
  <head></head>
  <body>
    <table border="1" bgcolor='#FF0000'>
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **BGCOLOR** attribute



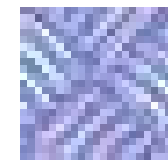
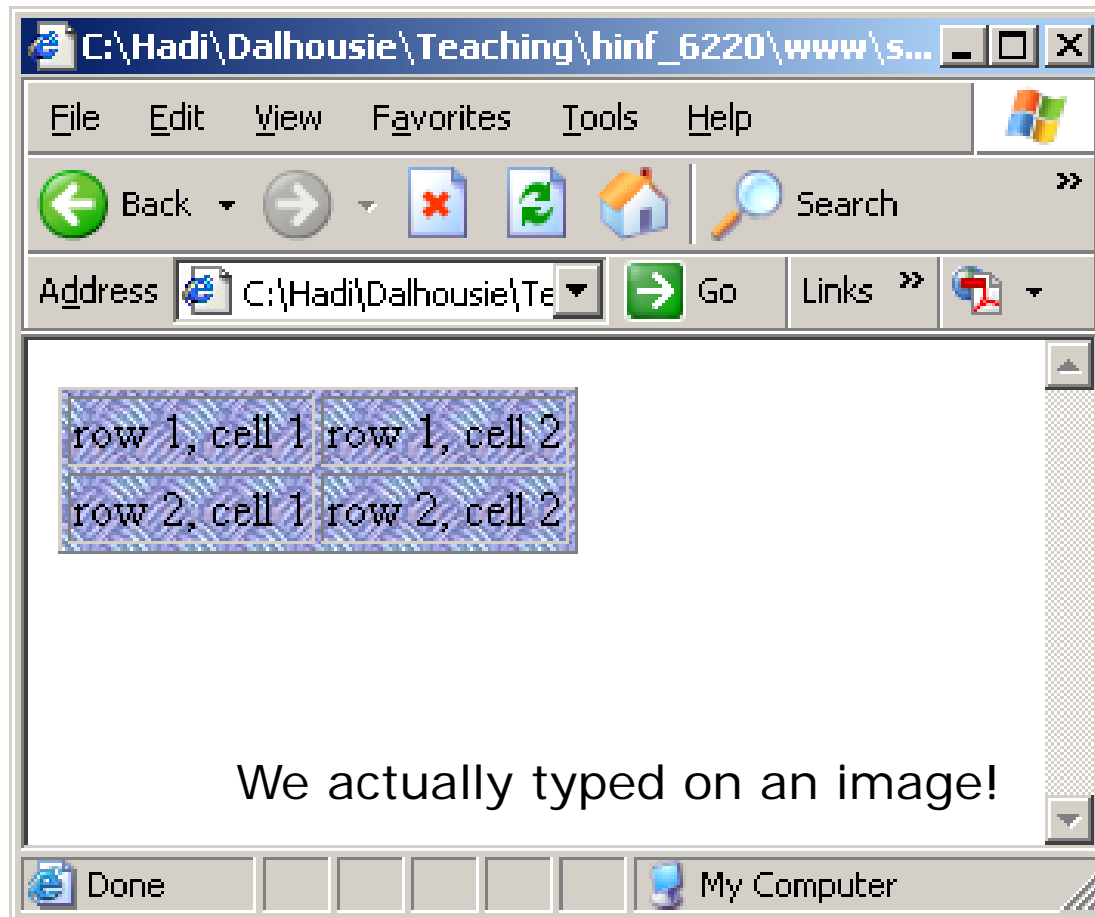
HTML Tables (cont.)

The **BACKGROUND** attribute

```
<html>
  <head></head>
  <body>
    <table border="1" background='texture.jpg'>
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>row 2, cell 2</td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

The **BACKGROUND** attribute



texture.jpg

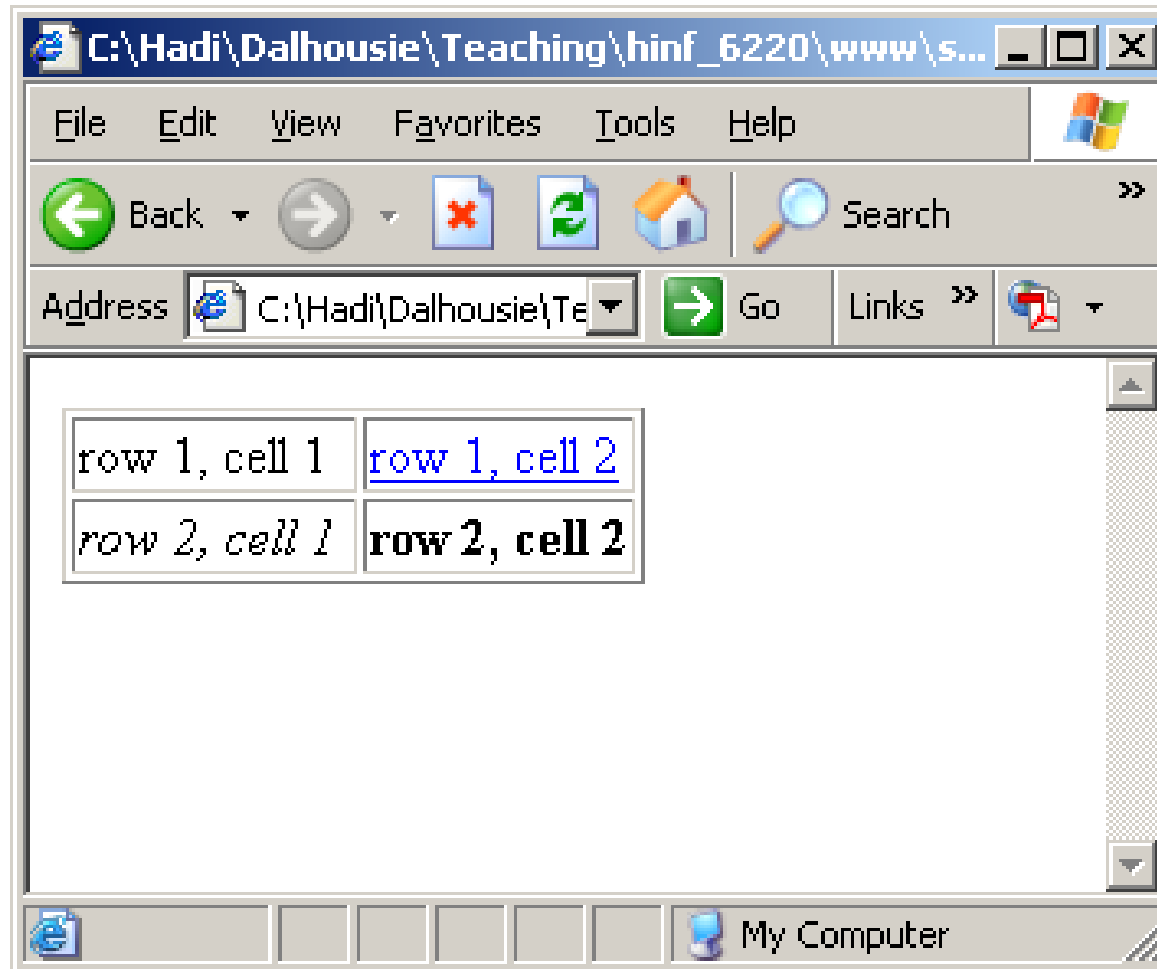
HTML Tables (cont.)

Integration

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td>row 1, cell 1</td>
        <td><a href='http://yahoo.com'>row 1, cell 2</a>
        </td>
      </tr>
      <tr>
        <td><i>row 2, cell 1</i></td>
        <td><b>row 2, cell 2</b></td>
      </tr>
    </table>
  </body>
</html>
```

HTML Tables (cont.)

Integration



HTML Tables (cont.)

Integration2

```
<html>
  <head></head>
  <body>
    <table border="1">
      <tr>
        <td>row 1, cell 1</td>
        <td>row 1, cell 2</td>
      </tr>
      <tr>
        <td>row 2, cell 1</td>
        <td>
          <table border='1'>
            <tr><td>Cell 1</td></tr>
            <tr><td>Cell 2</td></tr>
          </table>
        </td>
      </tr>
    </table>
  </body>
</html>
```


HTML Tables (cont.)

Integration2

Table 1

row 1, cell 1	row 1, cell 2		
row 2, cell 1	<table border="1"> <tr> <td>Cell 1</td> </tr> <tr> <td>Cell 2</td> </tr> </table>	Cell 1	Cell 2
Cell 1			
Cell 2			

Table 2

Done My Computer

4. HTML Block Elements

- The `` and `<div>` tags are very useful when dealing with Cascading Style Sheets. The `<div>` tag defines logical divisions (defined) in your Web page. It acts a lot like a paragraph tag, but it divides the page up into larger sections. The `` tag is very similar but it won't change the enclosed items at all (no line breaks).

```
<div>This is the text inside a DIV tag</div>
```

```
<span>This is the text inside a SPAN tag</span>
```

```
<div>
```

```
    This DIV tag is multi level
```

```
    <div>This is inside another DIV tag</div>
```

```
    <span>This is inside another DIV tag</span>
```

```
</div>
```

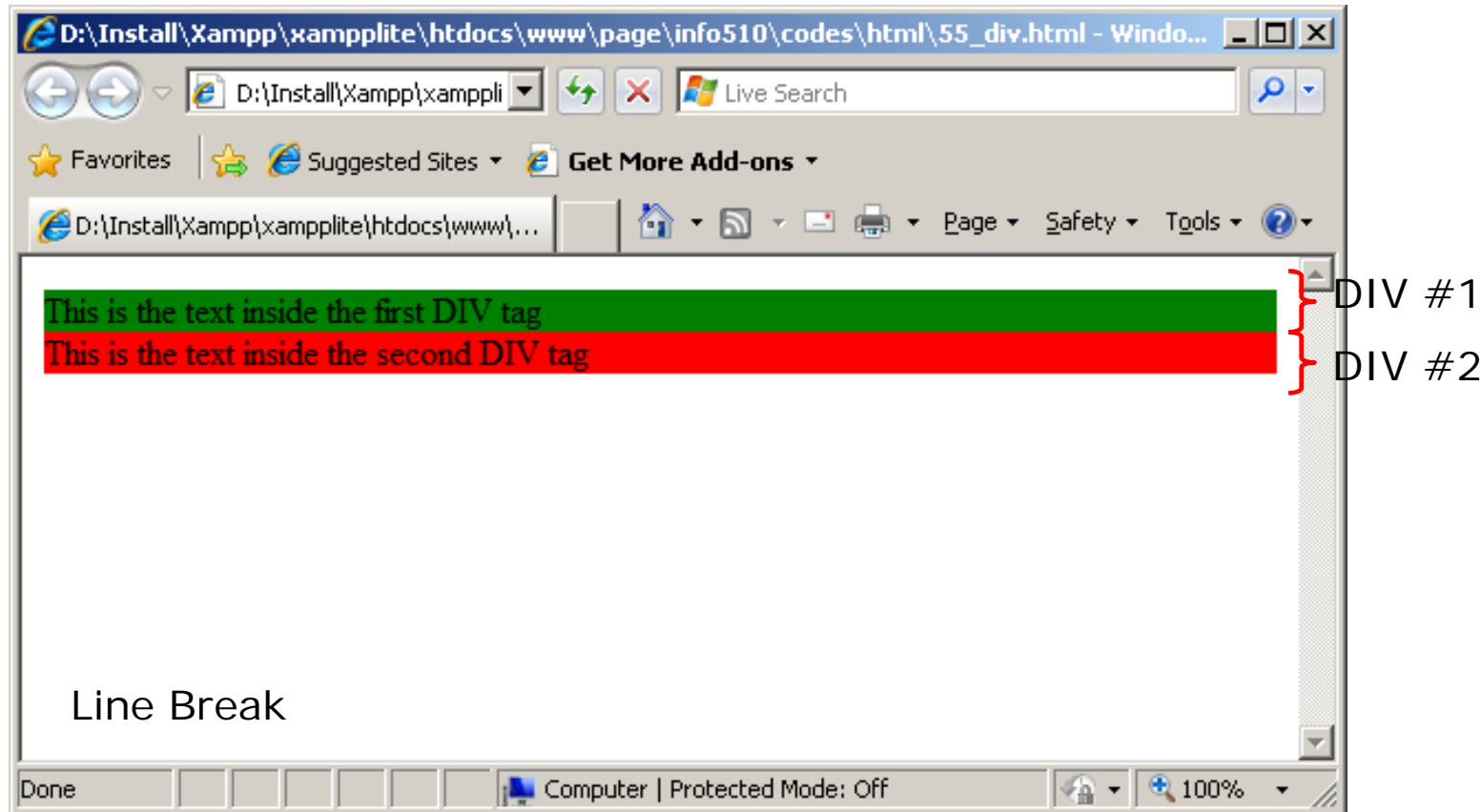
HTML Block Elements (cont.)

DIV tag

```
<html>
<head></head>
<body>
  <div id='first_div' style='background-color:green;'>
    This is the text inside the first DIV tag
  </div>
  <div id='second_div' style='background-color:red;'>
    This is the text inside the second DIV tag
  </div>
</body>
</html>
```

HTML Block Elements (cont.)

DIV tag



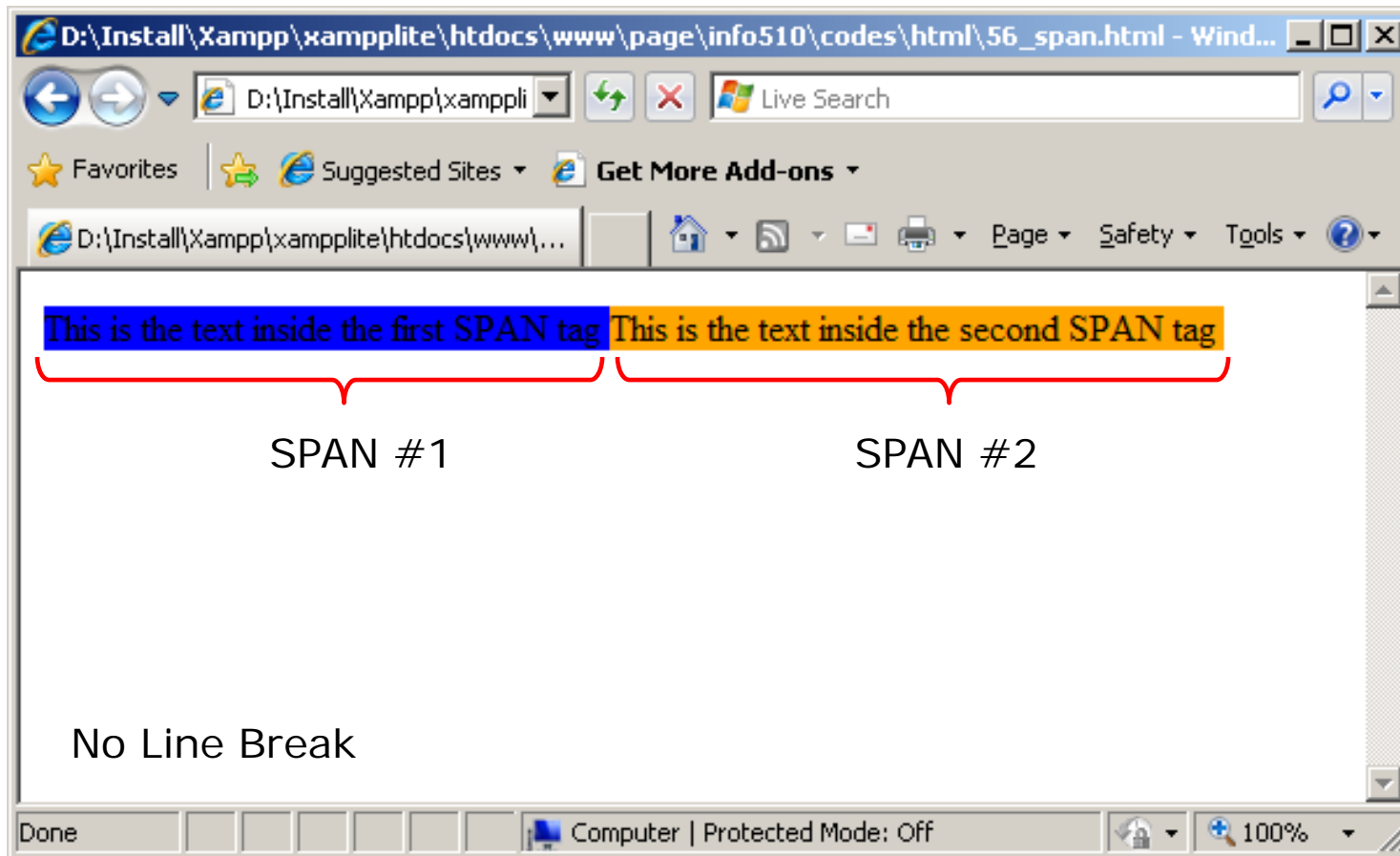
HTML Block Elements (cont.)

SPAN tag

```
<html>
<head></head>
<body>
  <span id='first_span' style='background-color:blue;'>
    This is the text inside the first SPAN tag
  </span>
  <span id='second_span' style='background-color:orange;'>
    This is the text inside the second SPAN tag
  </span>
</body>
</html>
```

HTML Block Elements (cont.)

SPAN tag



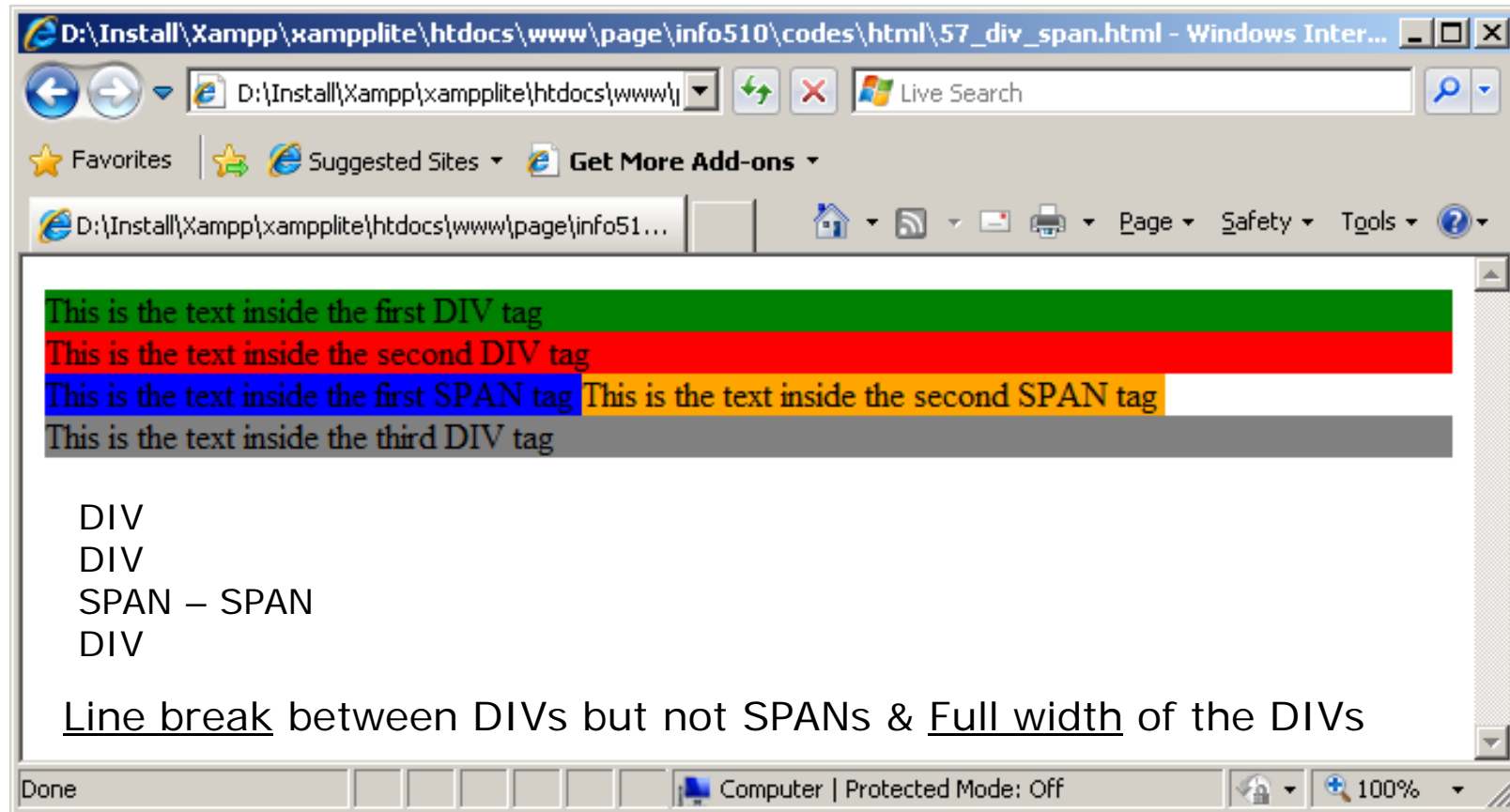
HTML Block Elements (cont.)

DIV and SPAN

```
<body>
  <div id='first_div' style='background-color:green;'>
    This is the text inside the first DIV tag
  </div>
  <div id='second_div' style='background-color:red;'>
    This is the text inside the second DIV tag
  </div>
  <span id='first_span' style='background-color:blue;'>
    This is the text inside the first SPAN tag
  </span>
  <span id='second_span' style='background-color:orange;'>
    This is the text inside the second SPAN tag
  </span>
  <div id='third_div' style='background-color:gray;'>
    This is the text inside the third DIV tag
  </div>
</body>
```

HTML Block Elements (cont.)

DIV and SPAN



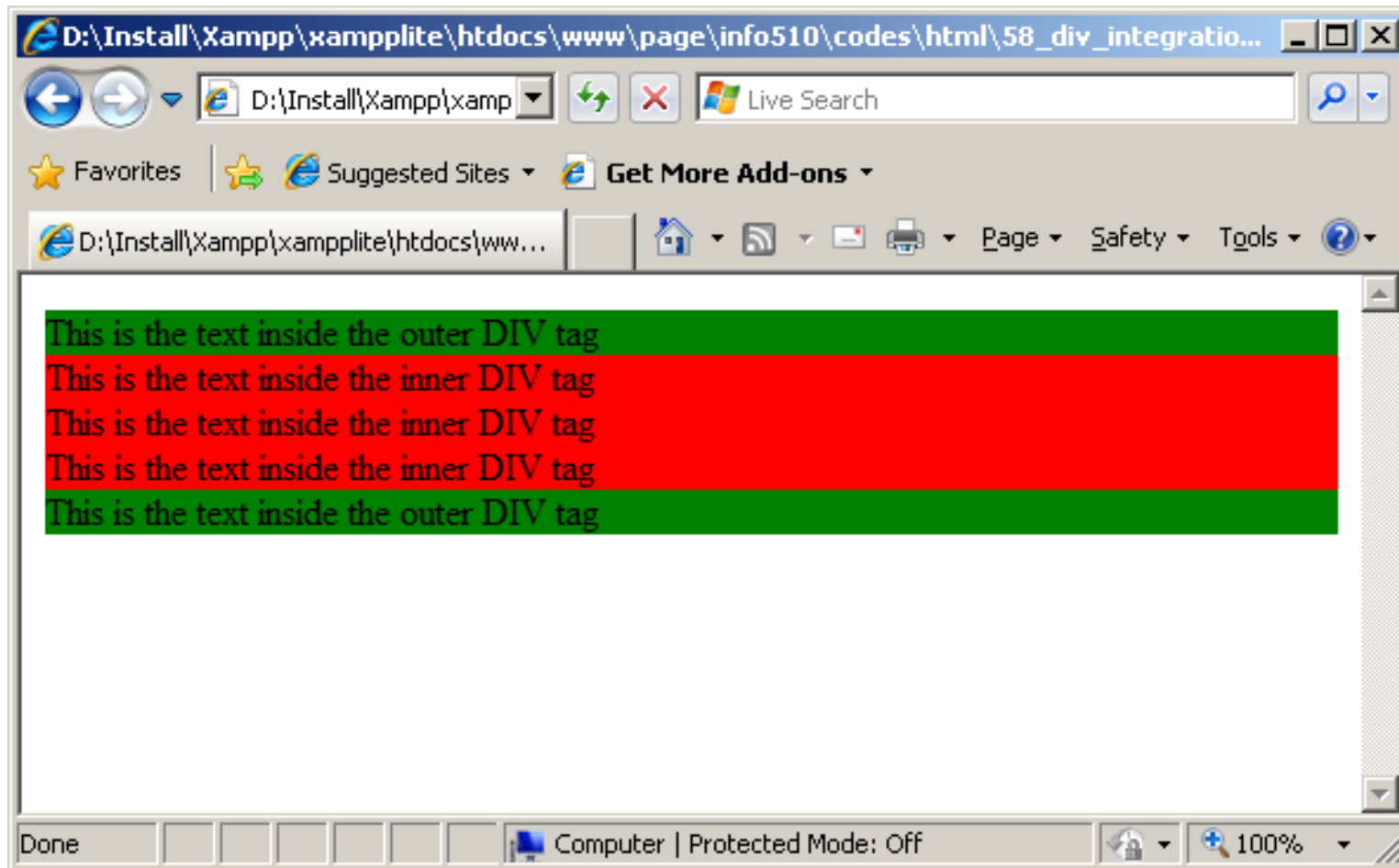
HTML Block Elements (cont.)

DIV Integration

```
<html>
<head></head>
<body>
  <div id='outer' style='background-color:green;'>
    This is the text inside the outer DIV tag
    <div id='inner' style='background-color:red;'>
      This is the text inside the inner DIV tag
      <br>
      This is the text inside the inner DIV tag
      <br>
      This is the text inside the inner DIV tag
    </div>
    This is the text inside the outer DIV tag
  </div>
</body>
</html>
```

HTML Block Elements (cont.)

DIV Integration



HTML Block Elements (cont.)

DIV Background

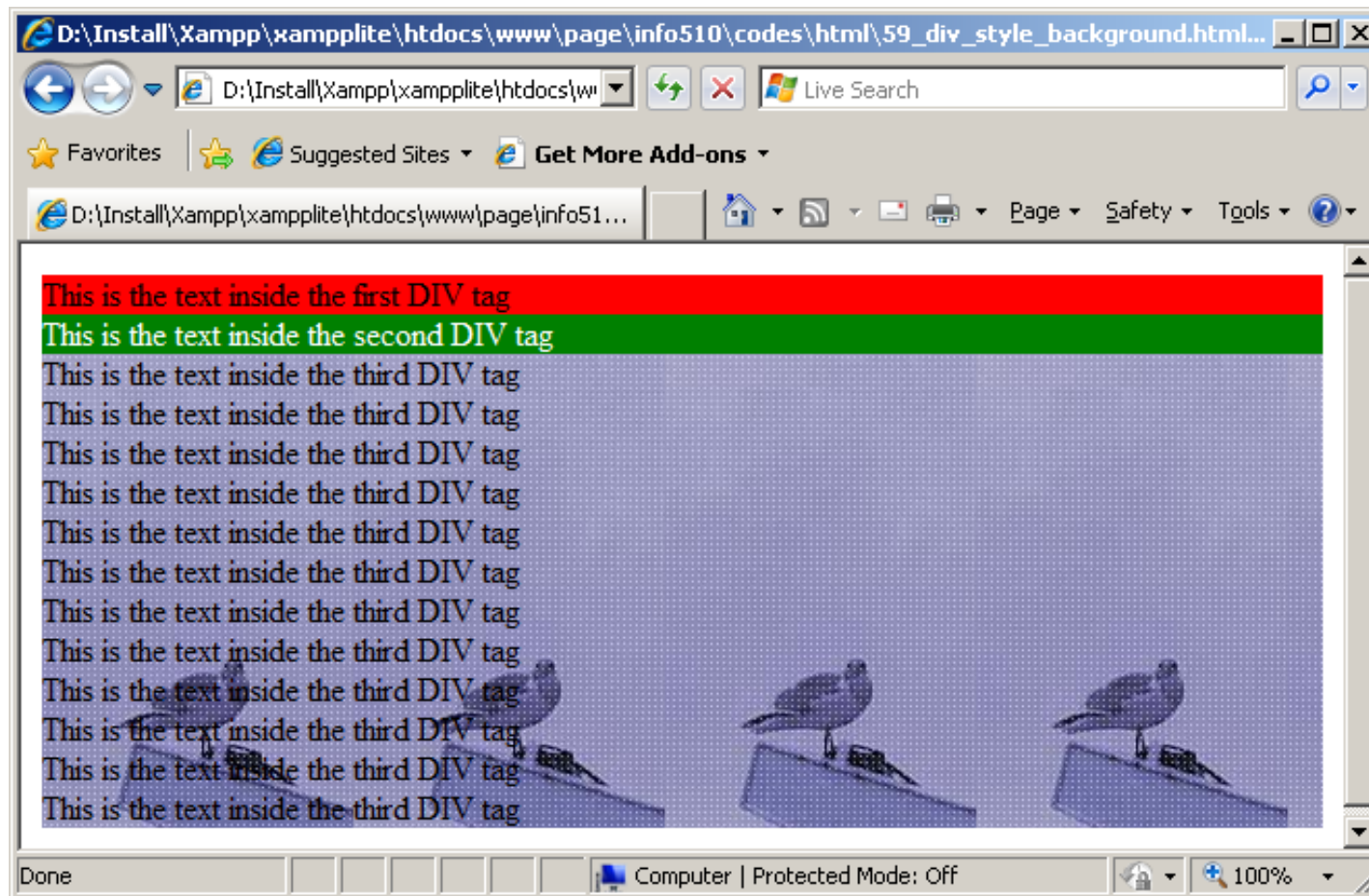
```

<body>
  <div id='first_div' style='background-color: red;'>
    This is the text inside the first DIV tag
  </div>
  <div id='second_div' style='background-color: green; color: white;'>
    This is the text inside the second DIV tag
  </div>
  <div id='third_div' style="background-image: url('http://in-info-
web4.informatics.iupui.edu/~kharrazi/tpl/images/pics/PICT0005.JPG');">
    This is the text inside the third DIV tag
    <br>
    This is the text inside the third DIV tag
    <br>
    ...
    This is the text inside the third DIV tag
    <br>
    This is the text inside the third DIV tag
  </div>
</body>

```

HTML Block Elements (cont.)

DIV Background



```
background-color: #333333; background-image: url('image.jpg');
```

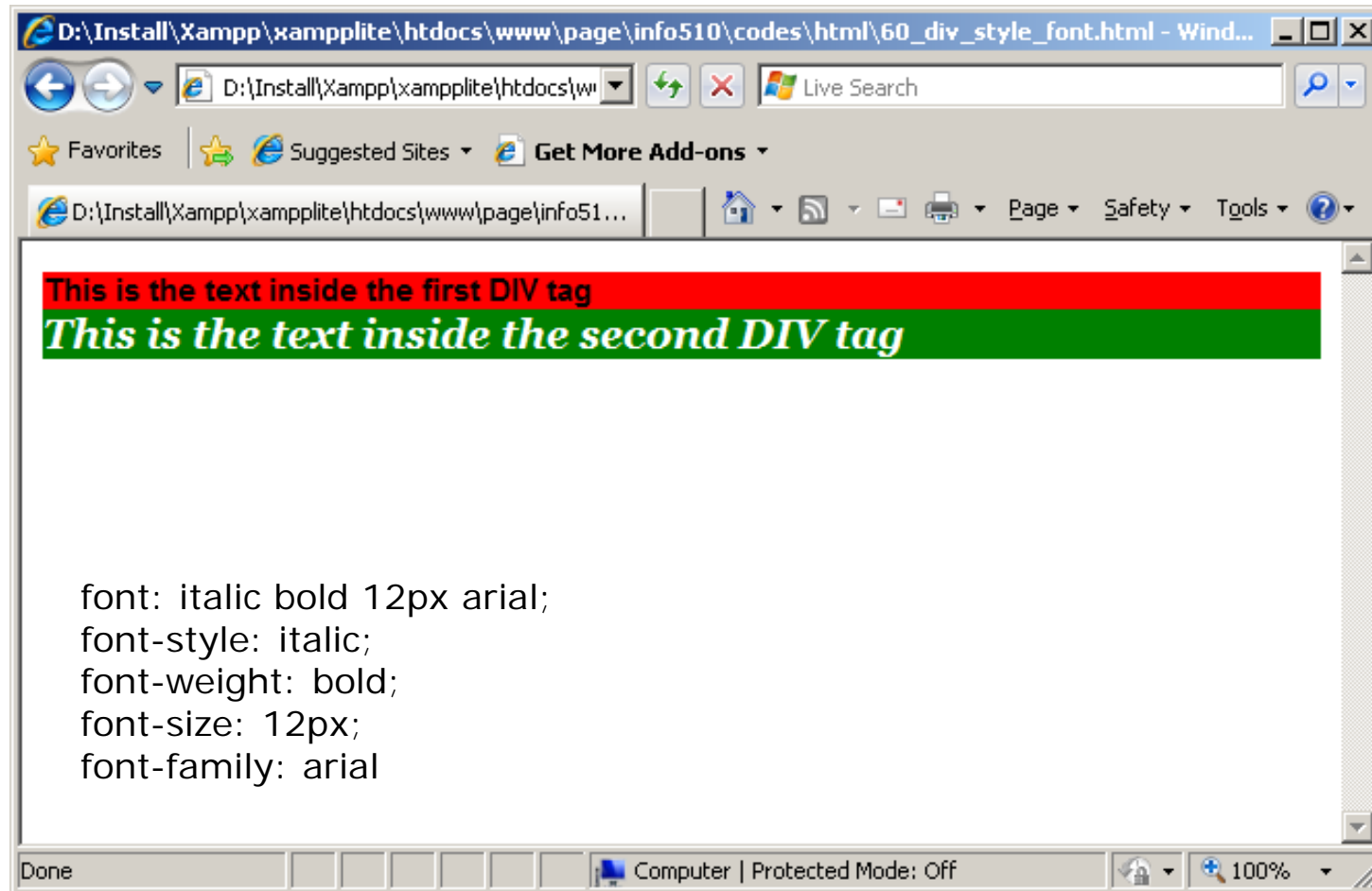
HTML Block Elements (cont.)

DIV Font

```
<html>
<head></head>
<body>
  <div id='first_div' style='background-color: red; font:bold
15px arial;'>
    This is the text inside the first DIV tag
  </div>
  <div id='second_div' style='background-color: green; color:
  white; font:italic bold 20px georgia;'>
    This is the text inside the second DIV tag
  </div>
</body>
</html>
```

HTML Block Elements (cont.)

DIV Font



HTML Block Elements (cont.)

DIV Margin/Padding

```
<html>
<head></head>
<body>
  <div id='first_div' style='background-color: red; font:bold
  15px arial; margin:10px;'>
    This is the text inside the first DIV tag
  </div>
  <div id='second_div' style='background-color: green; color:
  white; font:italic bold 20px georgia; padding:10px;'>
    This is the text inside the second DIV tag
  </div>
</body>
</html>
```

HTML Block Elements (cont.)

DIV Margin/Padding

Margin

Padding

```

margin: 10px 5px 15px 2px;
margin-top: 10px;
margin-right: 5px;
margin-bottom: 15px;
margin-left: 2px;

padding: 10px 5px 15px 2px;
padding-top: 10px;
padding-right: 5px;
padding-bottom: 15px;
padding-left: 2px;

```

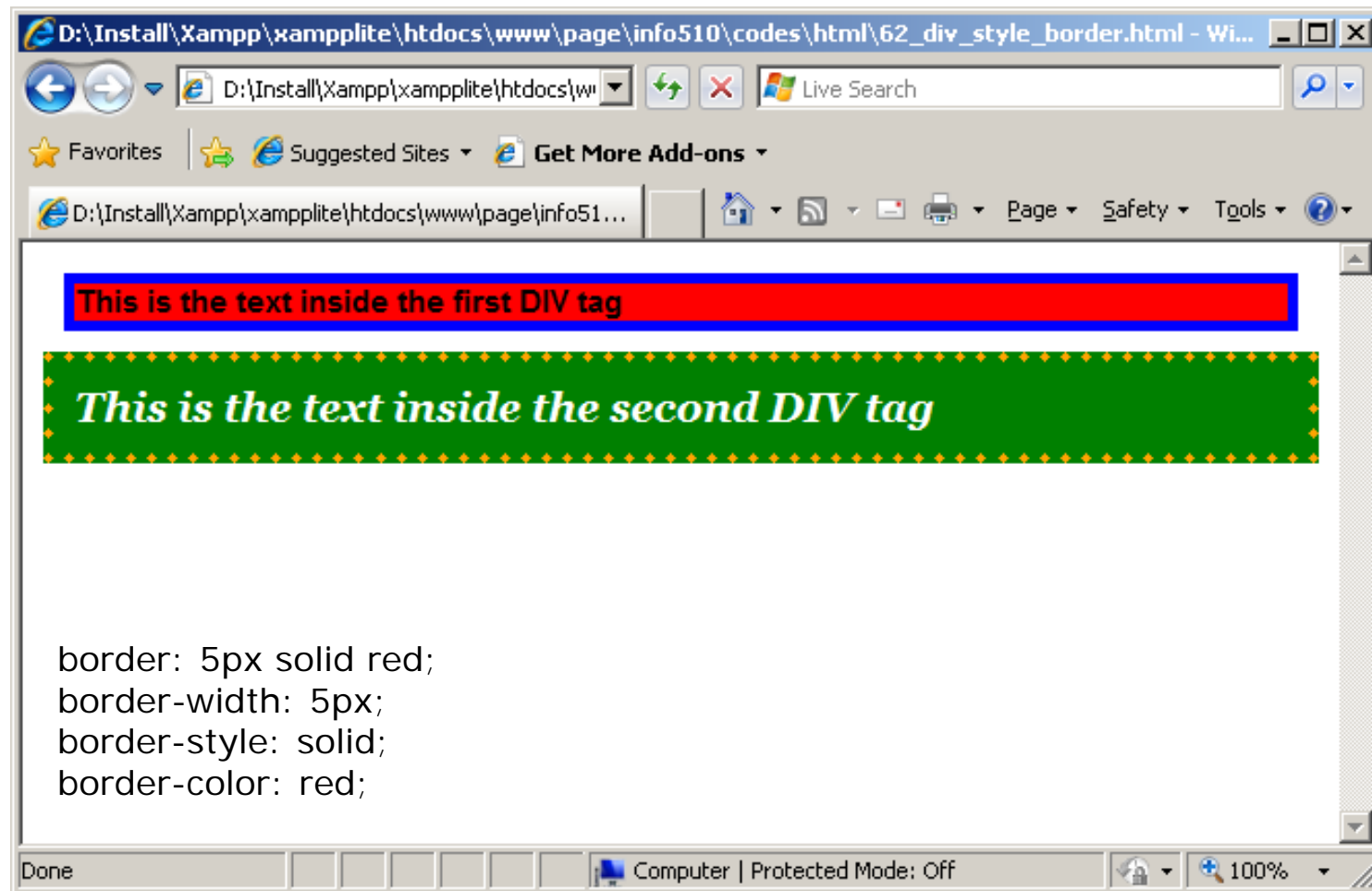

HTML Block Elements (cont.)

DIV Border

```
<html>
<head></head>
<body>
  <div id='first_div' style='background-color: red; font:bold
  15px arial; margin:10px; border:5px solid blue;'>
    This is the text inside the first DIV tag
  </div>
  <div id='second_div' style='background-color: green; color:
  white; font:italic bold 20px georgia; padding:10px; border:5px
  dotted orange;'>
    This is the text inside the second DIV tag
  </div>
</body>
</html>
```

HTML Block Elements (cont.)

DIV Border



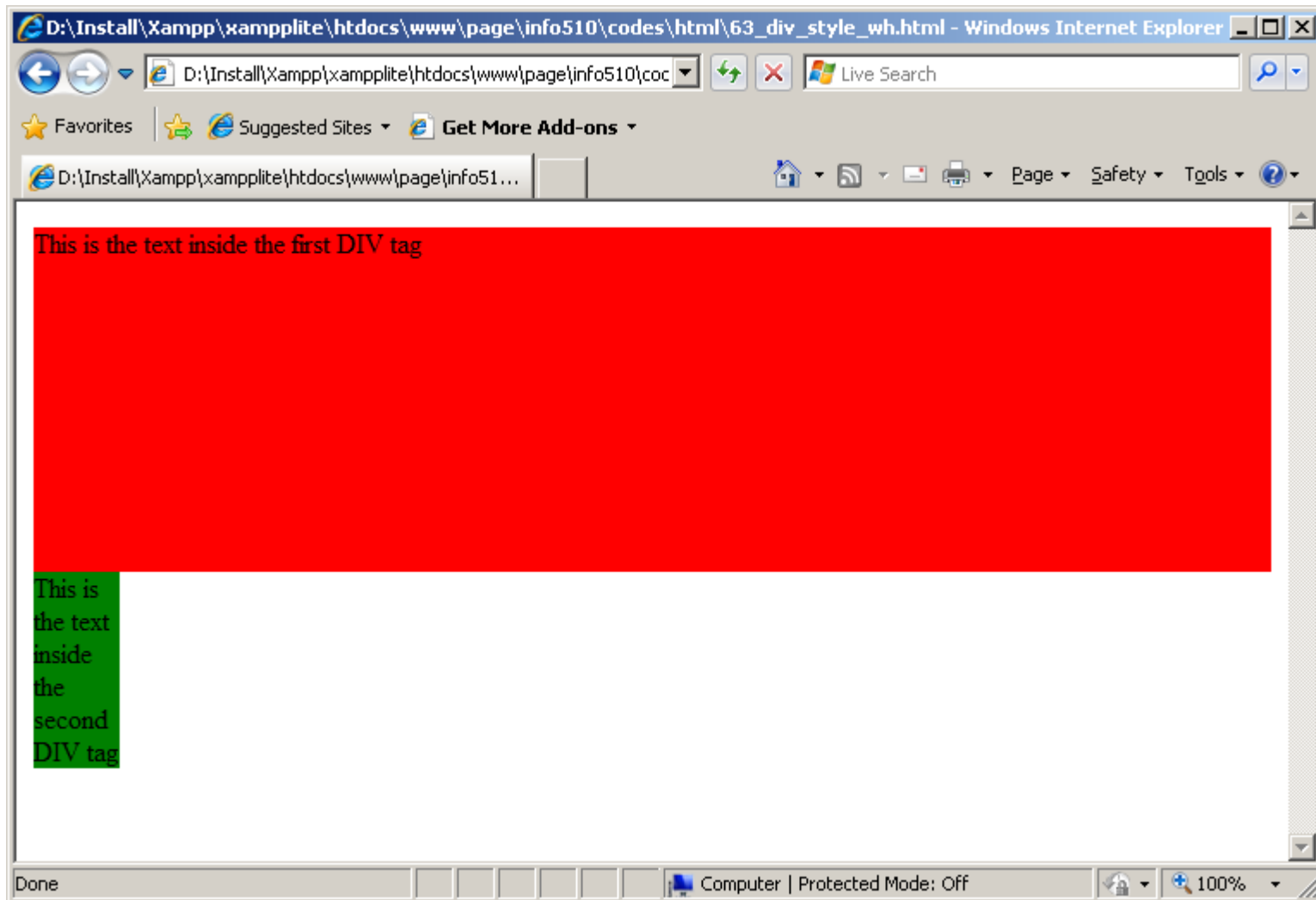
HTML Block Elements (cont.)

DIV Width/Height

```
<html>
<head></head>
<body>
  <div id='first_div' style='background-color: red; height: 200px;'>
    This is the text inside the first DIV tag
  </div>
  <div id='second_div' style='background-color: green; width:50px;'>
    This is the text inside the second DIV tag
  </div>
</body>
</html>
```

HTML Block Elements (cont.)

DIV Width/Height



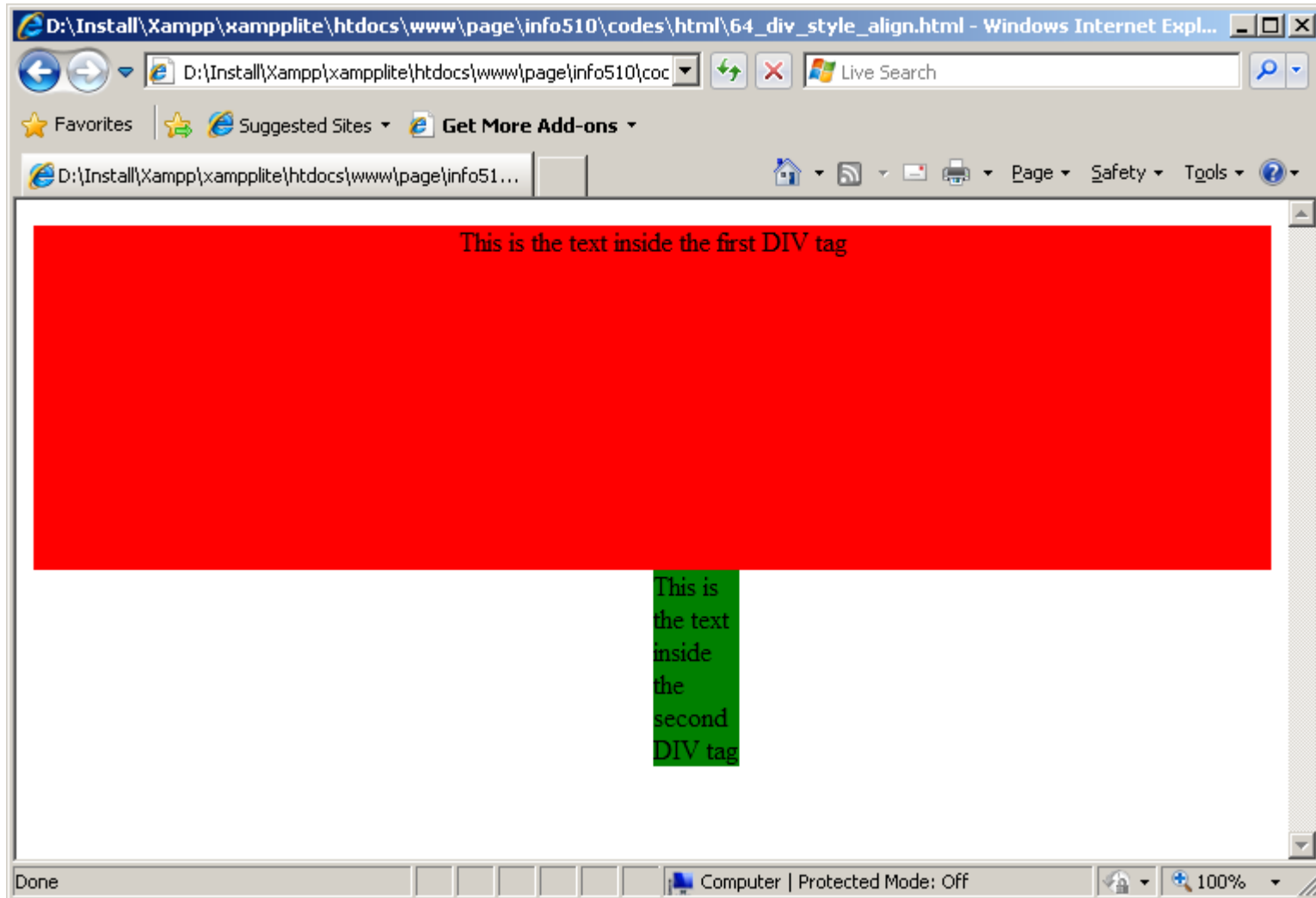
HTML Block Elements (cont.)

DIV Align

```
<html>
<head></head>
<body>
  <div id='first_div' style='background-color: red; height:
  200px; text-align:center;'>
    This is the text inside the first DIV tag
  </div>
  <div id='second_div' style='background-color: green;
  width:50px; margin-left: 50%; margin-right: -25px;'>
    This is the text inside the second DIV tag
  </div>
</body>
</html>
```

HTML Block Elements (cont.)

DIV Align



Summary

- HTML: Images
- HTML: Lists
- HTML: Tables
- HTML: Block Elements

Next Session

- HTML: Head
- HTML: Styles (CSS)
- HTML: DTD (Meta)
- HTML: Scripts (JS)
- HTML: Forms (Get/Post)

Exercise

- Please refer to the available text file in the slides section for this session on the course website:
- http://info510.com/core/public_page.php?page_name=slides