

IT350 Web and Internet Programming

Fall 2007

SlideSet #3: XHTML Tables & Forms

(from Chapter 5 of the text)

5.2 Basic XHTML Tables

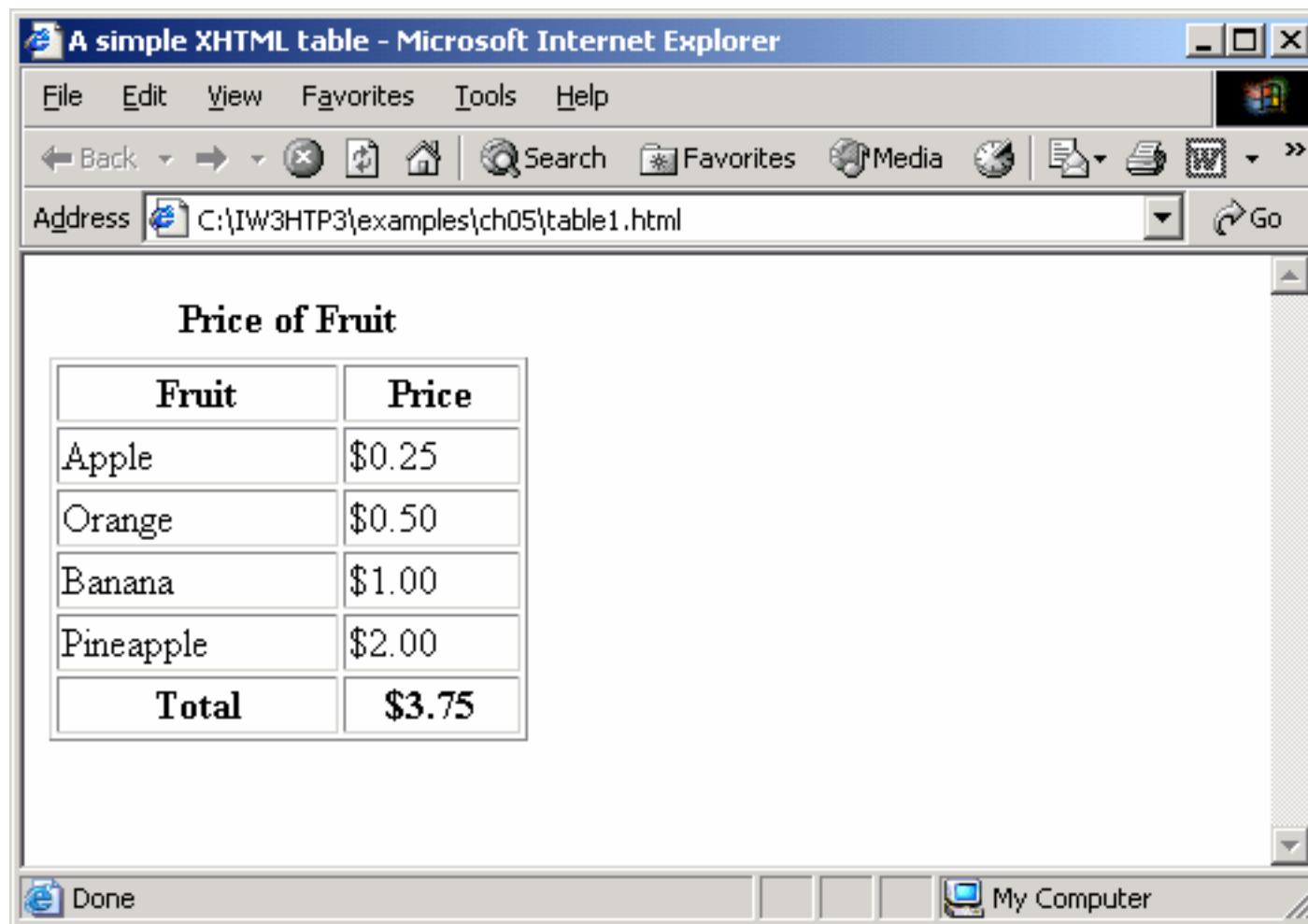


Table Basics

- **table** element
 - border, summary, caption
 - Sections:
 - <thead>
 - <tfoot>
 - <tbody>
 - <tr>
 - Actual contents:
 - <th>
 - <td>

```
1 <?xml version = "1.0"?>
2 <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.1//EN"
3   "http://www.w3.org/TR/xhtml11/DTD/xhtml111.dtd">
4
5 <!-- Fig. 5.1: table1.html -->
6 <!-- Creating a basic table -->
7
8 <html xmlns = "http://www.w3.org/1999/xhtml">
9   <head>
10    <title>A simple XHTML table</title>
11   </head>
12
13   <body>
14
15    <!-- the <table> tag opens a table -->
16    <table border = "1" width = "40%" 
17      summary = "This table provides information about
18      the price of fruit">
19
20    <!-- the <caption> tag summarizes the table's -->
21    <!-- contents (this helps the visually impaired) -->
22    <caption><strong>Price of Fruit</strong></caption>
23
```

table.html
(1 of 3)

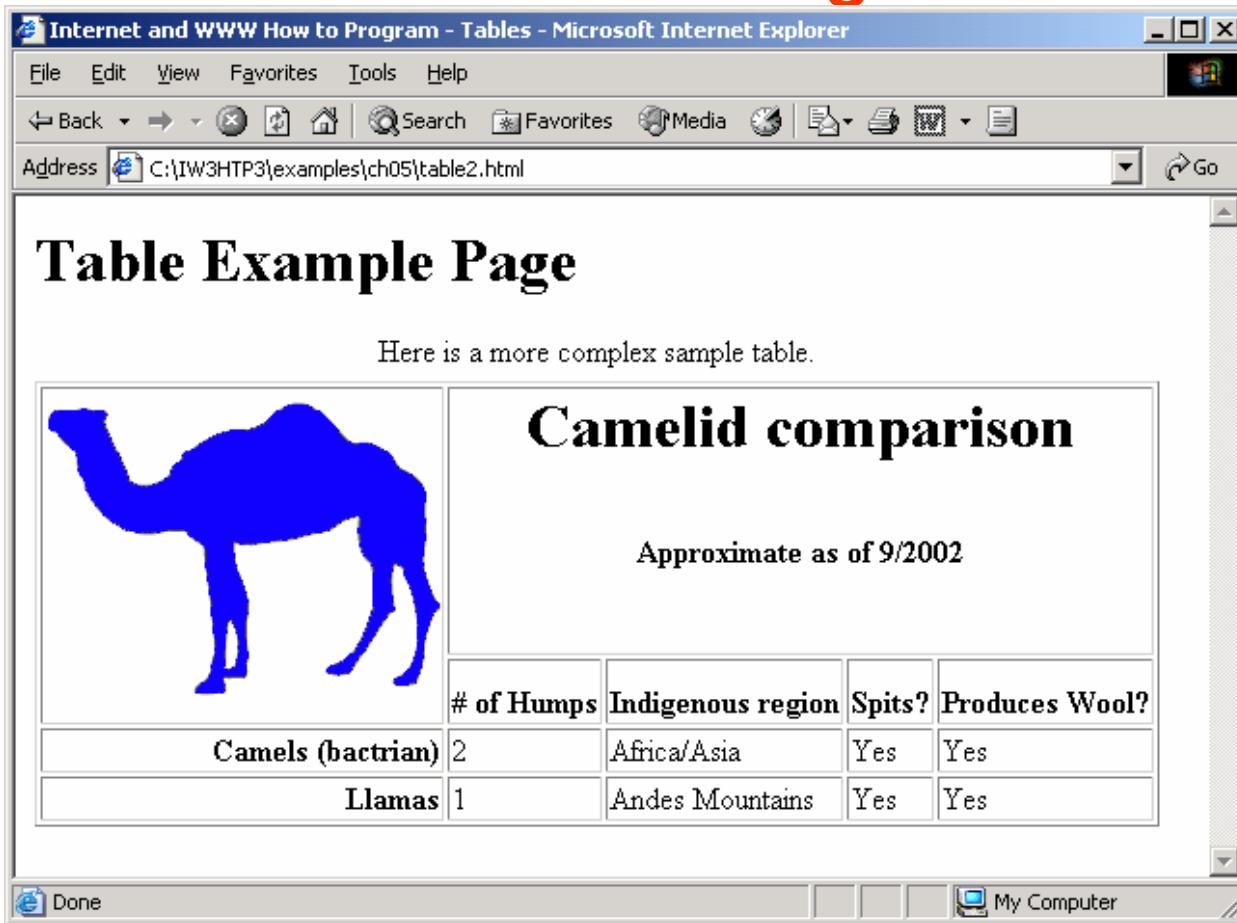
```

24      <!-- the <thead> is the first section of a table -->
25      <!-- it formats the table header area          -->
26      <thead>
27          <tr>           <!-- <tr> inserts a table row -->
28              <th>Fruit</th> <!-- insert a heading cell -->
29              <th>Price</th>
30          </tr>
31      </thead>
32
33      <!-- the <tfoot> is the last section of a table -->
34      <!-- it formats the table footer          -->
35      <tfoot>
36          <tr>
37              <th>Total</th>
38              <th>$3.75</th>
39          </tr>
40      </tfoot>
41
42      <!-- all table content is enclosed -->
43      <!-- within the <tbody>          -->
44      <tbody>
45          <tr>
46              <td>Apple</td> <!-- insert a data cell -->
47              <td>$0.25</td>
48          </tr>
49
50          ...
51      </tbody>
52  </table>

```

table.html
(2 of 3)

5.3 Intermediate XHTML Tables and Formatting



The screenshot shows a Microsoft Internet Explorer window displaying a web page titled "Table Example Page". The page features a large blue silhouette of a camel on the left. To the right of the camel is the title "Camelid comparison" and a subtitle "Approximate as of 9/2002". Below this is a table with four columns: "# of Humps", "Indigenous region", "Spits?", and "Produces Wool?". The table contains two rows of data:

| | # of Humps | Indigenous region | Spits? | Produces Wool? |
|-------------------|------------|-------------------|--------|----------------|
| Camels (bactrian) | 2 | Africa/Asia | Yes | Yes |
| Llamas | 1 | Andes Mountains | Yes | Yes |

The browser interface includes a menu bar (File, Edit, View, Favorites, Tools, Help), a toolbar with various icons, and an address bar showing the file path "C:\IW3HTP3\examples\ch05\table2.html".

```

.....





```

**table2.html
(2 of 4)**

```

48 <tr valign = "bottom">
49     <th># of Humps</th>
50     <th>Indigenous region</th>
51     <th>Spits?</th>
52     <th>Produces Wool?</th>
53 </tr>
54
55 </thead>
56
57 <tbody>
58
59     <tr>
60         <th>Camels (bactrian)</th>
61         <td>2</td>
62         <td>Africa/Asia</td>
63         <td>Yes</td>
64         <td>Yes</td>
65     </tr>
66
67     <tr>
68         <th>Llamas</th>
69         <td>1</td>
70         <td>Andes Mountains</td>
71         <td>Yes</td>
72         <td>Yes</td>

```

**table2.html
(3 of 4)**

Exercise #1: Write XHTML to generate this table:

Enrollment

| | |
|--------------|-----------|
| Plebes | 3 |
| Youngsters | 14 |
| Total | 17 |

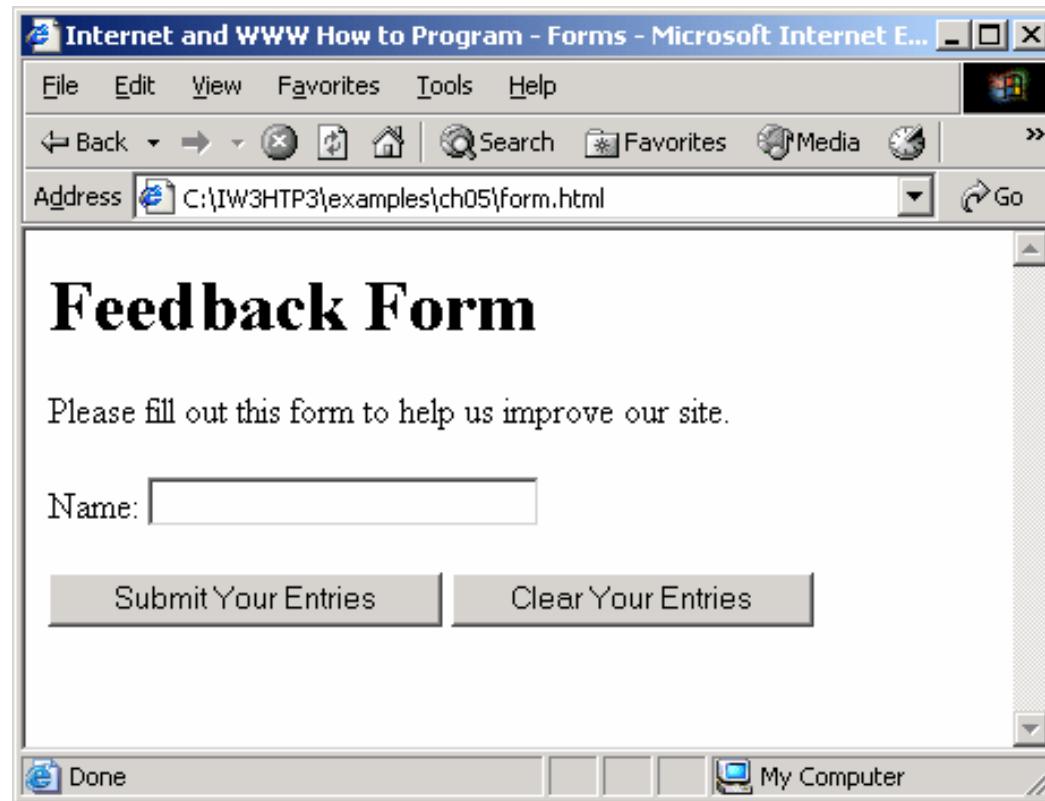
Exercise #2: Write XHTML to generate this table:

| | | |
|----|----|-------|
| 32 | | 94 |
| 78 | 89 | 92 81 |

Exercise #3: Write XHTML to generate this table:

| | | |
|----|-----|----|
| 17 | 320 | 43 |
| 32 | | |
| 78 | | 92 |

5.4 Basic XHTML Forms



```

<form method = "post" action = "/cgi-bin/formmail">
25    <p>
26        <!-- hidden inputs contain non-visual -->
27        <!-- information -->
28        <input type = "hidden" name = "recipient"
29            value = "deitel@deitel.com" />
30        <input type = "hidden" name = "subject"
31            value = "Feedback Form" />
32        <input type = "hidden" name = "redirect"
33            value = "main.html" />
34    </p>
35
36    <!-- <input type = "text"> inserts a text box -->
37    <p><label>Name:
38        <input name = "name" type = "text" size = "25"
39            maxlength = "30" />
40    </label></p>
41
42    <p>
43        <!-- input types "submit" and "reset" insert -->
44        <!-- buttons for submitting and clearing the -->
45        <!-- form's contents -->
46        <input type = "submit" value =
47            "Submit Your Entries" />
48        <input type = "reset" value =
49            "Clear Your Entries" />
50    </p>
</form>

```

**form.html
(2 of 3)**

5.5 More Complex XHTML Forms

Feedback Form

Please fill out this form to help us improve our site.

Name:

Comments:

E-mail Address:

Things you liked:
Site design Links Ease of use Images Source code

Feedback Form

Please fill out this form to help us improve our site.

Name:

Comments:

E-mail Address:

Things you liked:
Site design Links Ease of use Images Source code

How did you get to our site?:
Search engine Links from another site Deitel.com Web site Reference in a book Other

Rate our site:
10
9
8
7
6
5
4
3
2
1

Key issue: How is data sent to the server?

- **method = “get”**

Appends form data directly to the end of the URL

<http://...submit.cgi?name=smith&vote=3>

<http://www.google.com/search?q=monkeys>

- **method = “post”**

Appends form data to the browser request

Key issue: What provides security?

- Using `<input type="password">`
- Using `<input type="hidden">`
- Using `https://`
- Using `http://`