4.10 Tables

<table>
<thead>
<tr>
<th>Fruit</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apple</td>
<td>$0.25</td>
</tr>
<tr>
<td>Orange</td>
<td>$0.50</td>
</tr>
<tr>
<td>Banana</td>
<td>$1.00</td>
</tr>
<tr>
<td>Pineapple</td>
<td>$2.00</td>
</tr>
<tr>
<td>Total</td>
<td>$3.75</td>
</tr>
</tbody>
</table>
Table Basics

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

```xml
<?xml version = "1.0" encoding = "utf-8"?>
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"
 "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
<!-- Fig. 4.10: table1.html -->
<!-- Creating a basic table. -->
<html xmlns = "http://www.w3.org/1999/xhtml">
<head>
<title>A simple XHTML table</title>
</head>
<body>
<!-- the <table> tag opens a table -->
<table border = "1" width = "40%"
 summary = "This table provides information about the price of fruit">
    <!-- contents (this helps the visually impaired) -->
    <caption><strong>Price of Fruit</strong></caption>
</table>
</body>
</html>
```
### Table Example #2 (modified)

**Table Example Page**

Here is a more complex sample table.

<table>
<thead>
<tr>
<th>Cameldid comparison</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approximate as of 6/2007</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Camel (Camelus)</th>
<th>Null</th>
<th>Indigenous region</th>
<th>Spitz?</th>
<th>Produces Wool?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Camelus ascension</td>
<td>0</td>
<td>Africa</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Llamas</td>
<td>1</td>
<td>Andes Mountains</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
Here is a more complex sample table.

```
<table border = "1">
  <caption>Camelid comparison</caption>
  <thead>
    <tr>
      <th rowspan = "2"><img src = "camel.gif" width = "205" height = "167" alt = "Picture of a camel" /></th>
      <th colspan = "4" valign="bottom">Approximate as of 6/2007</th>
    </tr>
    <tr>
      <th># of Humps</th>
      <th>Indigenous region</th>
      <th>Spits?</th>
      <th>Produces Wool?</th>
    </tr>
  </thead>
  <tbody>
    <tr align="left">
      <td>Camels (bactrian)</td>
      <td>2</td>
      <td>Africa/Asia</td>
      <td>Yes</td>
      <td>Yes</td>
    </tr>
    <tr align="left">
      <td>Llamas</td>
      <td>1</td>
      <td>Andes Mountains</td>
      <td>Yes</td>
      <td>Yes</td>
    </tr>
  </tbody>
</table>
```
Exercise #1: Write XHTML to generate this table:

<table>
<thead>
<tr>
<th>Plebes</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Youngsters</td>
<td>14</td>
</tr>
<tr>
<td>Total</td>
<td>17</td>
</tr>
</tbody>
</table>

Exercise #2: Write XHTML to generate this table:

[32 89 94]

[78 92 81]
Exercise #3: Write XHTML to generate this table:

<table>
<thead>
<tr>
<th>17</th>
<th>320</th>
<th>43</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>78</td>
<td>92</td>
<td></td>
</tr>
</tbody>
</table>

4.11 Forms

Feedback Form

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

Name: 

Submit  Clear
5.5 More Complex XHTML Forms

Feedback Form

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

Name: ____________________________

Comments: ___________________________________________________________________________

Email Address: _______________________

Things you liked: _______________________

How did you get to our site?:

Share article | Email to a friend | Edit this Web site | Reference in a book | Other |

Just for us: ___________________________________________________________________________

All rights reserved.
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

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Key issue: What provides security?

- Using `<input type="password">`

- Using `<input type="hidden">`

- Using `https://`

- Using `http://`