Chapter 8 Web Authoring

**Chapter Updates**

* Page 365 Hands-On Practice 8.3  
  In #4 the last line of the code sample should be:  
  padding-bottom: 0.5em; }
* Page 367 Hands-On Practice 8.4  
  In #5 you will configure the first row to have a dark-blue background (#006).
* **Pacific Trails Case Study**, Page 378  
  [Figure 8.15](http://www.webdevfoundations.net/7e/Figure8.15.jpg) replacement
* **Prime Properties Case Study**, Page 381, Task 3:  
  The table should have four columns instead of five columns.

Powerpoint

* Table Basics
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* **Basic Pieces**

**Tables are made up of some basic pieces**

* **columns,**
* **rows,**
* **headers,**

**To create these pieces we use several specific HTML elements.**

* HTML ELEMENTS for a Basic Table
* **Table Element**
  + **<table>**
* **Table Row Element**
  + **<tr>**
* **Table Header Element**
  + **<th>**
* **Table Data Element**
  + **<td>**
* Table Element
* Written in HTML as <table>
* Used to initialize a table on an HTML page
* Signifies the information will be tabular data
* Signifies the information will be displayed in columns and rows.
* Table Row Element
* Written as <tr>
* Only used once a table has been defined in HTML
* Adds a row for every <tr> element
* No limit on the number of table rows
* Table Header Element
* Written <th>
* Designates a heading for a column or row of cells
* Creates a cell for data (similar to the table data element)
* Provides semantic value by signifying that the data within the cell is a heading rather than a generic piece of data.
* Table Data Element
* **Written <td>**
* **Creates a cell for data**
* **Only used once a table is defined and rows (<tr>) within that table have been set up,**
* **To create multiple columns within a table row**
  + **List multiple <td> elements one after the other**
* Table Data Element   
  vs   
  Table Header Element
* Much like the headings elements (<h1> through <h6>) and paragraphs element (<p>). The two elements work together to provide context for the information the are displaying.
* Similar to how the heading element content can tell you what to expect within a paragraph below it, the Table Header element provides context for the information in the Table Data elements.