Tables

* know different elements and attributes used to create a table

Chapter Summary

* Use the HTML **<table>** element to define a table
* Use the HTML **<tr>** element to define a table row
* Use the HTML **<td>** element to define a table data
* Use the HTML **<th>** element to define a table heading
* Use the HTML **<caption>** element to define a table caption
* Use the CSS **border** property to define a border
* Use the CSS **border-collapse** property to collapse cell borders
* Use the CSS **padding** property to add padding to cells
* Use the CSS **text-align** property to align cell text
* Use the CSS **border-spacing** property to set the spacing between cells
* Use the **colspan** attribute to make a cell span many columns
* Use the **rowspan** attribute to make a cell span many rows
* Use the **id** attribute to uniquely define one table

http://www.w3schools.com/html/html\_tables.asp

* know how to make table more accessible

<http://www.howtocreate.co.uk/accessibletable.html>

* know when to use and not to use a table

Find information such as pricing, room #, etc.

Forms

* know the different form input controls and their required attributes

<http://www.w3.org/TR/html401/interact/forms.html#h-17.2>

* know the new HTML form elements and attributes

|  |  |
| --- | --- |
| <datalist> | Defines pre-defined options for input controls |
| <keygen> | Defines a key-pair generator field (for forms) |
| <output> | Defines the result of a calculation |

http://www.w3schools.com/html/html5\_new\_elements.asp

http://html5doctor.com/html5-forms-introduction-and-new-attributes/

* know the difference between POST and GET and when you would use each

<http://www.w3schools.com/tags/ref_httpmethods.asp>

Audio and Video

* know the different audio and video codecs

OGG -  both audio and video (open source)

* know the difference between a helper application, plugin and audio/video element

A **helper application** is an external viewer program launched to display content retrieved using a web browser. Some examples include JPEGview, Windows Media Player, QuickTime Player Real Player and Adobe Reader.

software component that adds a specific feature to an existing software application.

* be able to identity why a video or audio is not displaying or working properly

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* be familiar with the different attributes available in the audio and video HTML5 elements

<http://www.tutorialspoint.com/html5/html5_audio_video.htm>

CSS3 Transitions and Transforms

* be familiar with basic transition and transform effects (e.g., changing colors when hovering, rotating an image 45 degrees)

CSS Preprocessors

* know the two main css preprocessors

Less & Sass

* know why using preprocessors are advantageous

mixins etc., make it easier so you don’t have to write redundant code