INFO 2420 Project 4
Creating a Table for Tabular Data

Project 4 Objectives:

- Create and organize content to be used as tabulated data.
- Demonstrate the understanding of table structure: table headings<th>, table rows <tr>, and table data <td>.
- Style a table using embedded CSS, using colors, background-colors, borders, padding, fontsize, etc.
- Validate Web pages according to the HTML 5 standard.
- Upload a Web site (Project folder) to the course Web server using an FTP client.

Background:

Although tables are no longer appropriate for layout, they are still useful for tabular data. Tables may be used to organize calendars, schedules, statistics, or other types of information.

For this project, please add a table to your About Us page that lists products or packages in the left column of the table; then add appropriate columns to the right, depending on the number of columns you need, to the fictional business you chose in an earlier project. The content you need to create your table is provided below in the Procedures section – Step 2. Use table headings to identify the columns. Here's an example of how your table might look:

On sale this week

Product	Regular Price	Sale Price
EOS Digital Rebel XS	$599.00	$536.00
EOS Rebel XSi	$799.99	$699.00
EOS Rebel 40D	$1099.99	$999.00
EOS Rebel Full Lens	$1299.99	$1199.00

On

The goal of this project is to learn how to create and use tables, and to use an associated embedded style sheet to define needed style rules to make your tabulated data interesting and readable.

You must only use those tags, styles and properties we have covered so far this semester. You must use and add to the embedded style sheet that should already be part of your About Us page. This project should not include any presentational inline HTML tags or inline CSS to create the styles needed for this project. Do not use an external style sheet and do not create a box-like structure using CSS and <div>s for your pages yet. We will be creating a site-wide template to do this in a future project. Just allow your page markup to flow in its normal flow, except your images. Do not use any background images in this project. Also, do not add any of your own images, background images or clip art to these project pages.

Procedures:

Step 1.   Project Setup:

Create a new folder on your computer called Project4. Copy the AboutUs.html and Tributes.html pages from Project3 into this new folder. Copy and paste the **Images** folder from your Project3; all your images must be placed inside the Images folder.

Step 2.   Use the following appropriate content for your table, depending on which fictional business you chose in an earlier project:

Back Yard Birds: Under the heading *Where we are today . . .*, create the following table with the existing bird type information:

(Appropriate Heading)	(Appropriate Heading)	(Appropriate Heading)
Rufous Hummingbirds	January	2014
Great Blue Herons	February	2014
American Bald Eagles	June	2014
Baltimore Orioles	December	2014
California Seagulls	March	2015
Lazuli Buntings	April	2015

Extreme Honeymoons: Under the heading *Where we are today . . .*, create the following table with the existing adventure activities information:

(Appropriate Heading)	(Appropriate Heading)
Ice Climbing on Bridal Veil Falls:	1-2 day Tour
Bungee Jumping off of Dead Horse Point:	2-3 day Tour
Bow Hunting or Pursuing Cougars in the Manti-Lasal National Forest:	1 week Tour
Parasailing from the Top of Mount Timpanogos:	1-2 day Tour
4WD Safari Jeep Rendevous in Moab:	1 week Tour
Swimming with the Carp in Utah Lake:	1-2 day Tour
Heliskiing on Kings Peak:	1-2 day Tour
High Speed Drag Racing on the Salt Flats:	3 day Tour
Bobsled and Ski Jumping at the Utah Olympic Park:	2-3 day Tour

Native Cooking: After the sentence *You will find these added treats online . . .* in *the Looking to the Future* section, create a table with the following added treats information:

(Appropriate Heading)	(Appropriate Heading)
Cooking Pots	Most often rounded with open mouths and somewhat sharply rounded bottoms.
Antique Bowls	Wonderfully carved, thin and lightweight despite its large dimensions-13" X 18".
Gourds	Made functional light-weight bowls, dippers, and spoons.
Soapstone Bowl	Not as finely made, but fairly representative of many found in archaeological digs.
Deer Jaw Bone	Works very well at scraping juicy corn kernels from the cob.

Rent A Pet: Directly above the *Press Releases* section, add a heading entitled *Sale Prices this Week*, and create a table using the following information:

(Appropriate Heading)	(Appropriate Heading)	(Appropriate Heading)
Dogs	$48	$36
Cats	$40	$30
Horses	$150	$110
Pigs	$48	$39
Snakes	$36	$24

Step 3.   Choosing a Color Palette:

From your Site.Design.html document created in Project 3, choose colors that will fit your plan as you create the table for your business Web site.

Step 4.   Edit your existing Embedded Style Sheet to create the following table styles:
See HTML Practice 4 and HTML Practice 5 for help with using an embedded style sheet.

- Remove the default table borders and set the width to 100%
- Apply font colors to the text
- Apply background and font colors to the table headings <th>
- Apply background color and background border to the table data <td>
- Add padding as necessary
- Tweak the font size
- Include and style a caption for your table using an appropriate embedded font and an appropriate border-radius property

To make sure your styles are consistent (the same) on both pages, use the exact same embedded style sheet on both the AboutUs and Tributes page. Replace the embedded styles on your Tributes page with the edited embedded style on your About Us page.

Step 5. Validate both pages using the HTML 5 validation.

Procedure for Submission:

Step 1.   Upload your entire Project4 folder to your area on the Yoda web server for grading. Make sure your folder has no spaces in the name. Make sure the AboutUs.html and Tributes.html are in the Project4 folder. All your images must also be inside an Images folder.

Step 2. Check your Project 4 from the Internet to make sure your About Us pages display correctly, links work, and images display correctly. The link to your web site should be something like this:

https://yoda.tc.uvu.edu/lastnamefirstname/Projects/Project4/AboutUs.html

You should also revalidate your pages once they are uploaded to the server.

Step 3. Next, please go to the **ASSIGNMENTS** area of Canvas in Project 4 please enter the Internet URL for each of your Project4 files and then click the Add Comment button. The URLs will be something like:

https://yoda.tc.uvu.edu/lastnamefirstname/Projects/Project4/AboutUs.html

Step 4. Your project will be graded from the Yoda web server after the due date has passed using the grading criteria below. You can see your grade form and feedback under the **ASSIGNMENTS**, and in Canvas **GRADES**.

Grade Breakdown:
The project will be graded using the following criteria:

An embedded style sheet was used for all table styles	20	Points
Table included a caption and table heading row. Content accurately added to the table.	15	points
Default borders were removed and width set to 100 percent.	10	points
Font colors applied to table text.	10	points
Background and font colors applied to table heading <th> tags.	10	points
Background color and background border applied to the table data <td> tags.	5	points
Project validates to HTML 5 standards.	5	points
TOTAL	**75**	points