

*In this exercise, you will learn how to design tables.*

**Part 0: Download Activity2.html and Activity2.css.**

1. Download **Activity2.html** and **Activity2.css** to your local machine.
2. Rename the files as **Lastname-Activity2.html** and **Lastname-Activity2.css** respectively and save it under the **Exercise** folder on your computer.
3. Upload to your webpages account.
4. Verify the file is accessible: open a browser.
5. If the table is not properly formatted, make sure you update the link to the CSS file to point at the correct file.
6. At the bottom of the screen, click on the validation link. Verify that there are no errors on the page. You should periodically verify there are no errors as you complete the rest of the activity.

**Part 1: Modify table.**

You'll start from a table that looks like this:

Name	E-mail	Years of Service
Joel Murach	joelmurach@yahoo.com	22
Anne Boehm	anne@murach.com	34
Zak Ruvalcaba	zak@modulemedia.com	4
Judy Taylor	judy@murach.com	39
Cyndi Vasquez	cyndi@murach.com	10
Kelly Slivkoff	kelly@murach.com	25
Juliette Baylon	juliette@murach.com	1

Then, you'll expand and format the table so it looks like the one that below.

Employee Table			
Department	Name	E-mail	Years of Service
Editorial	Joel Murach	joelmurach@yahoo.com	22
	Anne Boehm	anne@murach.com	34
Marketing	Zak Ruvalcaba	zak@modulemedia.com	4
	Judy Taylor	judy@murach.com	39
	Cyndi Vasquez	cyndi@murach.com	10
Customer Service	Kelly Slivkoff	kelly@murach.com	25
	Juliette Baylon	juliette@murach.com	1
Total Years of Service			105

1. Update the HTML so the table has the caption and data shown as the second table.
  - i. Implement the table as a **figure** and use **the figure caption** to supply the table caption.
2. Expand the CSS so it does the formatting shown in the second table.
  - i. Use pseudo-classes to achieve colors  
(Hints: [https://www.w3schools.com/css/css\\_pseudo\\_classes.asp](https://www.w3schools.com/css/css_pseudo_classes.asp),  
[https://www.w3schools.com/cssref/selector\\_nth-child.asp](https://www.w3schools.com/cssref/selector_nth-child.asp), and  
<https://www.htmlgoodies.com/beyond/css/css3-adding-color-to-tables-and-lists-using-pseudo-classes.html> )
3. Modify the table for universal accessibility specifically with respect to screen readers. (*Hint: see headers attribute for <td>: [https://fae.disability.illinois.edu/rulesets/TABLE\\_7/](https://fae.disability.illinois.edu/rulesets/TABLE_7/) and example: <http://html.cita.illinois.edu/nav/dtable/dtable-example-complex.php>*)
4. Validate for errors in both CSS and HTML.

**Part 2: You must upload files to your public\_html space to get credit for assignment**

1. Follow the steps similar to Activity 1 to upload your Activity 2 HTML and CSS files to your **Exercise** folder in the web server.
2. Open up Chrome web browser.
3. Type in `http://webpages.uncc.edu/yourUsername/Exercise/ Lastname- Activity2.html`
4. Your browser should display the page.
5. At the bottom of the screen, click on the validation links. Verify that there are no errors on the page.
6. Disconnect your FileZilla ftp connection → Session → Disconnect
7. Verify the URL is working and your final webpages are accessible.
8. Now, you should log in to **Canvas**.
9. Go to **Activity #2 Submission** link on the **Canvas** page. Upload the **html** and **css** files to the submission page.
10. In the **Comment** textbox on Canvas provide the URL of your **html** file on the web server. **You must provide the correct URL to get credit.**