

## Assignment 3

### Instructions:

As you start your assignment you will want to have a document file that you will save as **YOUR\_LAST\_NAMEAsg3.pdf**. This file will be where you will include, answers to questions in exercises, screenshots that you are required to provide, or full solutions to exercises per given instructions. If you do not know how to create a PDF file from your document file, whether MS Word or Pages on the Mac please be sure that you ask so that you don't get a 0 for not properly submitting your work.

Complete each of the following exercises and reference the Assignment Submission Instruction file found on Blackboard.

### Exercise 1:

Provide a bulleted plan for the styles that you would apply to your home page (index.html) and the second page of your "home page".

Example:

- Change headings to color blue
- Center top heading of page

You should bullet as much information as you can, based on the view that you have for your pages.

Point Value: 20pts
--------------------

### Exercise 2:

Open your index.html code file and save it as **YOUR\_LAST\_NAMEindexGrid.html**.

Open your YOUR\_LAST\_NAMEForm.html code file and save it as **YOUR\_LAST\_NAMEFormGrid.html**.

Next open your index.html code file and add two new links on the page, to the two new HTML files you have just created.

If you did not complete the exercises in Assignment 2, you will need to go back and complete the necessary exercises to complete the required exercises on this assignment.

Follow the HTML submission guidelines for this page. You need to be sure that you re-validate your HTML when you make changes to your index.html page.

***\*\*Note: this exercise requires you to update your index.html page. \*\****

Point Value:
--------------

HTML validation: 9pts
-----------------------

Screenshot of "live" site: 6pts
---------------------------------

Exercise: 5pts
----------------

### Exercise 3:

For this exercise you need to create an external style sheet that will use a CSS grid to structure a copy of your index.html page. You are able to determine the design of your grid for this layout.

Save your CSS as **YOUR\_LAST\_NAMEGrid.css**

Next, open your **YOUR\_LAST\_NAMEindexGrid.html** from Exercise 2.

Link the **YOUR\_LAST\_NAMEGrid.css** to your **YOUR\_LAST\_NAMEindexGrid.html** page.

Be sure that you upload your new HTML files and your CSS file to the server.

*Note: CSS grid layouts are shown in the practical exercise videos and also discussed further beginning on page 347 of your textbook. Your YOUR\_LAST\_NAMEindexGrid.html file should be an exact replica of your index.html file but with styles associated to it.*

Follow the submission instructions for Module 3 for your validation and analysis requirements.

#### Point Value:

HTML validation: 10pts

CSS validation: 10pts

Screenshot of “live” site: 10pts

Accessibility analysis: 5pts

Exercise: 35pts

### Exercise 4:

For this exercise you need to create an external style sheet that will use a CSS grid to structure your Form page.

Open your **YOUR\_LAST\_NAMEGrid.css** file. Add a comment to begin styles that will be associated to creating a grid layout for your form.

Next, open your **YOUR\_LAST\_NAMEFormGrid.html** from Exercise 2.

Link the *YOUR\_LAST\_NAMEGrid.css* to your *YOUR\_LAST\_NAMEFormGrid.html* page.

*Note: Be sure that you have links to YOUR\_LAST\_NAMEFormGrid.html from your index.html page and also from your YOUR\_LAST\_NAMEindexGrid.html page.*

Follow the submission instructions for Module 3 for your validation and analysis requirements.

#### Point Value:

HTML validation: 10pts

CSS validation: 10pts

Screenshot of “live” site: 10pts

Accessibility analysis: 5pts

Exercise: 35pts

### Exercise 5:

For this exercise you are going to add additional styles to the Relative page and your “Home” page that you created in Assignment 2.

Open `YOUR_LAST_NAMEindexGrid.html` code file and save it as **`YOUR_LAST_NAMEindexGrid2.html`**.

Open `YOUR_LAST_NAMERelative.html` code file and save it as **`YOUR_LAST_NAMERelativeGrid.html`**.

Create a file called **`YOUR_LAST_NAMEstyle.css`**

Once you have this external CSS file, you need to have the following requirements met:

- You must have a minimum of 10 different style rules sets.
  - Please note, that changing the color of your page’s heading and centering it, is ONE rule set.
  - If you find that you don’t have enough elements on your page to be able to create 10 different rule sets, you will need to add more elements to the webpage.
  - Each of the pages needs to have the 10 different rule sets applied.
- You must have 10 different declarations as part of your rule sets.
  - This means that you cannot change the font color to different colors of different selectors five times and count those as five of the 10. That will only count as 1 of the 10, you may have them in multiple rule sets, but it is only one unique declaration.

The rules sets and the declarations that you have made in the `YOUR_LAST_NAMEstyle.css` file needs to be linked and applied to both **`YOUR_LAST_NAMEindexGrid2.html`** and **`YOUR_LAST_NAMERelativeGrid.html`**. This means that there will be two style sheets linked to the pages, `YOUR_LAST_NAMEstyle.css` and `YOUR_LAST_NAMEGrid.css`. ***Be sure that your pages are displaying with the appropriate styles for this exercise.***

*Note: The Relative page that you previously created does not have the Grid style associated to it. Therefore, be careful when creating your `YOUR_LAST_NAMEstyle.css` because one of your webpages will have a grid layout applied to it while the other does not. If you want to add the grid layout to the Relative page you can, however be sure that you validate, analyze, and apply everything correctly.*

Follow the submission instructions for Module 3 for your validation and analysis requirements.

#### Point Value:

HTML validation: 10pts

CSS validation: 15pts

Screenshot of “live” site: 10pts

Accessibility analysis: 5pts

Exercise: 35pts

### Exercise 6:

Next open your index.html code file and add two new links on the page, to the two new HTML pages created in exercise 5.

#### **YOUR\_LAST\_NAMEindexGrid2.html and YOUR\_LAST\_NAMERelativeGrid.html**

Next, open your YOUR\_LAST\_NAMEindexGrid.html, and be sure that there are two links on the page, to the two pages created in exercise 5, and listed above.

Next, open YOUR\_LAST\_NAMEindexGrid2.html and be sure that there is a link that will navigate to the YOUR\_LAST\_NAMERelativeStyle.html.

Follow the HTML submission guidelines for this page. You need to be sure that you re-validate your HTML when you make changes to your index.html page.

***\*\*Note: this exercise requires you to update your index.html,  
YOUR\_LAST\_NAMEindexGrid.html page, and YOUR\_LAST\_NAMEindexGrid2.html \*\****

Point Value:

HTML validation: 9pts

Screenshot of “live” site: 6pts

Exercise: 5pts

### Deliverables:

1. **YOUR\_LAST\_NAMEAsg3.pdf**
2. **index.html**
3. **YOUR\_LAST\_NAMEindexGrid.html**
4. **YOUR\_LAST\_NAMEFormGrid.html**
5. **YOUR\_LAST\_NAMEindexGrid2.html**
6. **YOUR\_LAST\_NAMERelativeGrid.html**
7. **YOUR\_LAST\_NAMEGrid.css**
8. **YOUR\_LAST\_NAMEstyle.css**

**Server Accessible (files that should be accessible on the server for your live site):**

1. **index.html**
2. **YOUR\_LAST\_NAMEindexGrid.html**
3. **YOUR\_LAST\_NAMEFormGrid.html**
4. **YOUR\_LAST\_NAMEindexGrid2.html**
5. **YOUR\_LAST\_NAMERelativeGrid.html**
6. **YOUR\_LAST\_NAMEGrid.css**
7. **YOUR\_LAST\_NAMEstyle.css**