
Web-Based Application Design and Development (ITIS 3135)

Activity 4: Editing a home page for a Valentine's Day Store

Today you will be given a basic html file (provided in Canvas) that has minimal content. You are given instructions below to edit the html file to make changes to the format/layout, add some content, add a CSS file, and to upload the file so that the public can see your Valentine's Day Store web page.

Note: If you chose to do some other "Other" Day Store web page by fulfilling all the below HTML and CSS requirements, you are free to do so. In this case, you will need to add appropriate text to replace the given texts/paragraphs below.

Part 0: Save the Activity4.html file, view it in a browser and open it in an editor

1. Download **Activity4.html** to your local machine. Rename the file as **Lastname-Activity4.html** (your last names) and save it in your **Exercise** folder.
2. Upload to your webpages account.
3. Verify the file is accessible: open a browser and type in <https://webpages.uncc.edu/yourUsername/Exercise/Lastname-Activity4.html>
4. 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 assignment.
5. Launch the **text editor** (WebStorm) on your machine and open your file.
6. When you modify the file, make sure you reload in your browser to see your changes.

Part 1: Modify the HTML. Complete the following modifications.

1. Add a <header> tag. Within the tag, include an image (you can download it; related to Valentine's Day). Also include a <h1> tag displaying '**The Valentine's Day Store**' and a <h2> tag displaying '**For the lover in all of us!**'. Use a relative URL for the image location. That means you must save the image in your Exercise folder, and also upload the image on your webpages account along with your HTML file.
2. Add a <main> tag that will contain the remaining content except for the footer.
3. Add a <footer> tag that displays '**© 2021 Lastname**'. The © sign requires a special html character entity. Also include the HTML and CSS validation links within the <footer> tag.
4. Modifications for within the <main> tag.
 - a. Add a <h1> tag that displays '**Welcome to my site. Please come in and stay awhile.**'
 - b. Add two paragraph tags that display:
 - i. I started this web site because Valentine's Day has always been my favorite holiday. Last year, I started selling some of my favorite Valentine's Day products and they've become quite a hit.
 - ii. If you click on the personal link, you can browse my favorite pictures, stories and films about couples. If you join my email list, I will keep you up-to-date on all things Valentine's.
 - c. Add a <h2> tag that displays '**Product Categories**'
 - d. Create an unordered list of the following

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- Candy
 - Flowers
 - Jewelry
 - Romantic Restaurants
- e. Add a <h3> tag that displays, '**My guarantee**'
 - f. Add a paragraph tag that displays the following text: 'If you aren't completely satisfied with everything you buy from my site, you can return it for a full refund. No questions asked!'
 - g. Emphasize using the appropriate tag '**No questions asked!**'
 - h. Add an address for your store using the <address> element. After the address, add a link to **Google Maps** so the user can get directions.
5. Make sure to verify that you have no validation errors on the page. To validate your HTML you can use either of the three methods- "By URI" (copy paste specific file path on the server), "By file upload" (uploading the file), or "By direct input"(copy paste the content of the file) on the validation link.

Part 2: Modify the CSS

1. Create a CSS file named: **Lastname-Activity4.css**. Add a link to this file in your HTML file.
2. Change the background color of the <address> element.
3. Make the <header> and <footer> elements have the same background color using classes.
4. Verify that you do not have any validation errors in the CSS file. To validate your CSS page you can use either of the three methods- "By URI" (copy paste specific file path on the server), "By file upload" (uploading the file), or "By direct input"(copy paste the content of the file) on the validation link.

Upload files to your Exercise folder

1. Verify that your final webpage is accessible by going to
<https://webpages.uncc.edu/yourUsername/Exercise/Lastname-Activity4.html>

Part 3: Turn in your activity

1. Log in to **Canvas**.
2. Go to the **Activity #4 Submission** assignment on the **Canvas** page. Upload the **html** and **CSS** files to the submission page.

In the **Comments** textbox provide the **URL** of your html file on the web server. **You must provide the correct URL to get credit.** Mention if you found any challenges with this activity, and how you addressed it.



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