Assignment 2

Instructions:

As you start your assignment you will want to have a document file that you will save as **YOUR_LAST_NAMEAsg2.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:

For the following sub-questions include a screenshot of the webpage you are referencing, the URL to the page (you can just copy and paste), and answer the questions asked in complete sentences.

You must identify a different website for each of the sub-questions.

a. Identify a website that uses images. How do the images convey information about the site? How does it appeal to the visitor?
b. Identify a website that has a map embedded into it. Is the map interactive? Does it properly show the location being referenced?
c. Identify a website that has a bookmark link. Select one of the links from it. After selecting the link, is there a way to return to the main list? How are you able to access other sections of the page that are part of the bookmark link?
d. Identify a website that uses a form to gather data from the visitor. If you look at the source code of this page (right click on the page and select view source) can you determine if the form is using a GET or POST method? Would this form be one that is best suited for storing information collected into a database, or is it acceptable for the information collected from this form to be e-mailed? Explain your answer.
e. Identify a website that uses a table to display information. Based on our discussion of tables, is the structure being used appropriately? What information is the table conveying to the visitor? Is the table the best way to convey the information to the user? Why or why not?

The answers to the above and the screenshots should be included in the assignment submission PDF.

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Point Value:
        Screenshots for each questions: 25pts
        Answers to each question: 15pts
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Exercise 2:

For this exercise you are going to reference the wireframes that you created in Assignment 1 for exercises 4, and 5. Within the sections of the wireframe that you provided, you should now add additional details to show the HTML elements that you would use within each section to convey the required information to the visitor of the site.

Your detailed wireframes should be found in the PDF that you submit for the Assignment.

Point Value:
Identifying HTML elements in wireframe for Peace, Love and Animals: 10pts
Identifying HTML elements in wireframe for Limestone Library: 10pts

Exercise 3:

Create a new HTML page. Save it as **YOUR_LAST_NAMERelative.html** (i.e. my file would be saved as MaxwellRelative.html).

You can include any information you would like on this page (i.e. information about your hobbies).

Create a new HTML page. Save it as YOUR_LAST_NAMEForm.html. This form can be of any design that you would like to have. You should include textual entry fields, and at least one of the following elements:

Radio buttons
Check boxes
Pull down menu

Follow the posted "Assignment Submission Instructions" for this exercise.

Point Value:
HTML validation:10pts
Accessibility Analysis: 5pts
Screenshots of "live" site: 5pts
Exercise: 20 pts

Exercise 4:

In this exercise you are going to build off of the pitch that you documented for the Brasilian Restaurant. Based on your site map and your wireframe you need to use the elements covered in Module 2 to now create the appropriate content to convey information to a site visitor about the restaurant.

You will only be creating the content; therefore, the page will not reflect your wireframe. This will not be done until after we discuss CSS.

In the process of creating the content for the site, you may decide that you want to change your site map or your wireframe. You should try to remain as close as you can to your already proposed

design. You need to make this site appealing, do not only use images and paragraphs of information. You should use as many of the concepts that were covered in Module 2 to develop the content and design of how the information is displayed.

You should use the same reference links from Assignment 1 for content, and you should reference other restaurant sites to help you determine the amount and type of information that you want to include. **Do NOT use images of menus from other restaurants, you should create your own menu on the site itself.**

Note – this site may have you working on multiple pages. Please be sure to include the following minimum requirements and naming convention.

Minimum requirements:

- You must have a minimum of 2 webpages, a restaurant home page and another of your choice. You may have more pages.
- The pages that you create for this exercise must have a header and footer that are the same throughout all pages of the site.
    - On your header you should have an image that will serve as the logo. The logo must link back to the restaurant home page.
- There should be navigation that allows for you to "move" through the site based on your site map. The navigation may or may not be part of your header, it depends on the site map that you have proposed.
    - This means that if you have 3 pages, i.e. Home, 2, and 3, then your Home should have links to pages 2 and 3. Your pages 2 and 3 may also have links to each other but must have the logo that takes the user back to Home.

Naming convention:

Your restaurant home page should be saved as **YOUR_LAST_NAMEBrasilHome.html**.

Your second page should be saved as **YOUR_LAST_NAMEBrasil2.html**

Any additional page should have the same naming convention as the 2nd page, but with the appropriate page count (3rd, 4th, 5th, etc.)

Follow the posted "Assignment Submissions Instructions" for this exercise, but use the file name given there.

Point Value:
      HTML validation (each page):18pts (6 each)
      Accessibility Analysis (each page): 9pts (3 each)
      Screenshots of "live" site (each page): 9pts (3 each)
      Exercise: 90 pts

Exercise 5:

Open your homepage file that you created in Exercise 2 of Assignment 1 (if you did not complete this exercise you will need to add the requirements here to receive full credit), save the file as **index.html**. Note: your name is nowhere in this file name, be sure that you also use all lowercase letters.

Following the practical videos for Module 2, add content to your webpage that will satisfy the following requirements:

- Include images, at least one of those must be a link.
- Add a relative link to the page that links to the *YOUR_LAST_NAMERelative.html* page you created in exercise 3.
- Add a relative link to the page that links to the *YOUR_LAST_NAMEForm.html* page you created in exercise 3.
- Add relative links to the page that links to the *YOUR_LAST_NAMEBrasilHome.html* page from Exercise 4.
- Add an absolute link to the page, you can choose where it links to.
- Add at least one type of list to your page (unordered, ordered or definition list)
- Embed a map into your page.
- Include a Favicon for your page.
- Convey information through a table. Be sure to use a table caption and headers as part of the table.
    - You should convey information that should be organized in a table. If a table is not used appropriately, example, your information would be best displayed in a paragraph or a list, credit will not be given for this requirement.
- Create a simple form to include on your webpage.
- Embed a video or sound file into your page.

Note: Everything that you are adding to your page should be associated to the content that you are sharing. While the practical videos will provide walkthroughs to add all of these items to your page the content that you provide should NOT be the same as what was shown in the video. This must be YOUR design, and development.

Follow the posted "Assignment Submissions Instructions" for this exercise, but use the file name given there.

Point Value:
     HTML validation:10pts
     Accessibility Analysis: 5pts
     Screenshots of "live" site: 5pts
     Exercise: 90 pts

Deliverables:

1. YOUR_LAST_NAMEAsg2.pdf
2. YOUR_LAST_NAMERelative.html
3. YOUR_LAST_NAMEForm.html
4. YOUR_LAST_NAMEBrasilHome.html
5. YOUR_LAST_NAMEBrasil2nd.html
   a. Any additional pages you have from Exercise 5.
6. index.html

Server Accessible (files that should be accessible on the server):

1. YOUR_LAST_NAMERelative.html
2. YOUR_LAST_NAMEForm.html
3. YOUR_LAST_NAMEBrasilHome.html
4. YOUR_LAST_NAMEBrasil2nd.html
   a. Any additional pages you have from Exercise 5.
5. index.html