

CIS 4004: Web-Based Information Technology Fall 2018

Project Four (100 pts)

Due Sunday October 21, 2018

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HEC 236, 407-823-2790

Office Hours: M & W: 1:30-3:30pm
T & Th: 1:30-3:00pm

Department of Computer Science
University of Central Florida



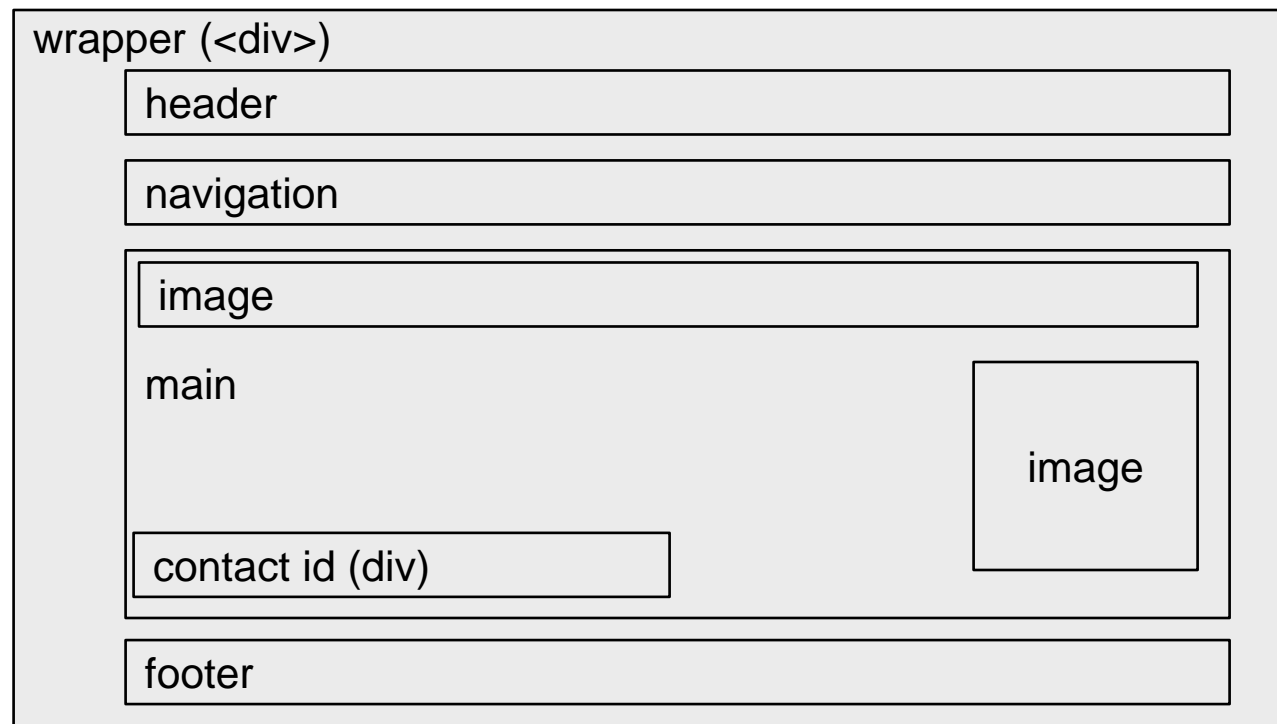
Project Four

- This assignment has three main objectives:
 - (1) To give you some practice adding images to an existing webpage.
 - (2) To apply additional CSS to alter the presentation of a webpage.
 - (3) To include table elements in your markup.



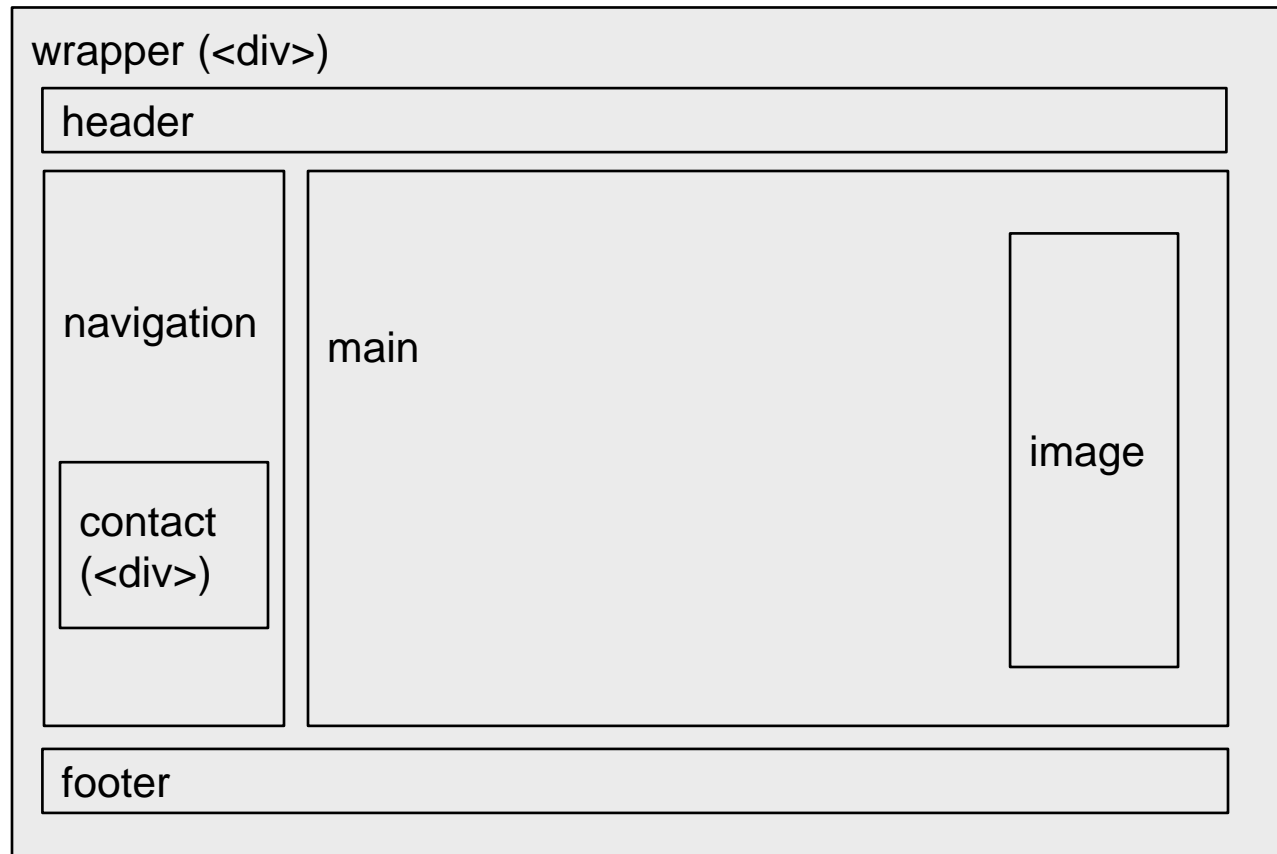
Project Four

- Begin this assignment with the two webpages that you created for Project Three along with the external style sheet that you created for that project. Project Three culminated with two webpages and one external style sheet with each page constructed according to the wireframe shown below.



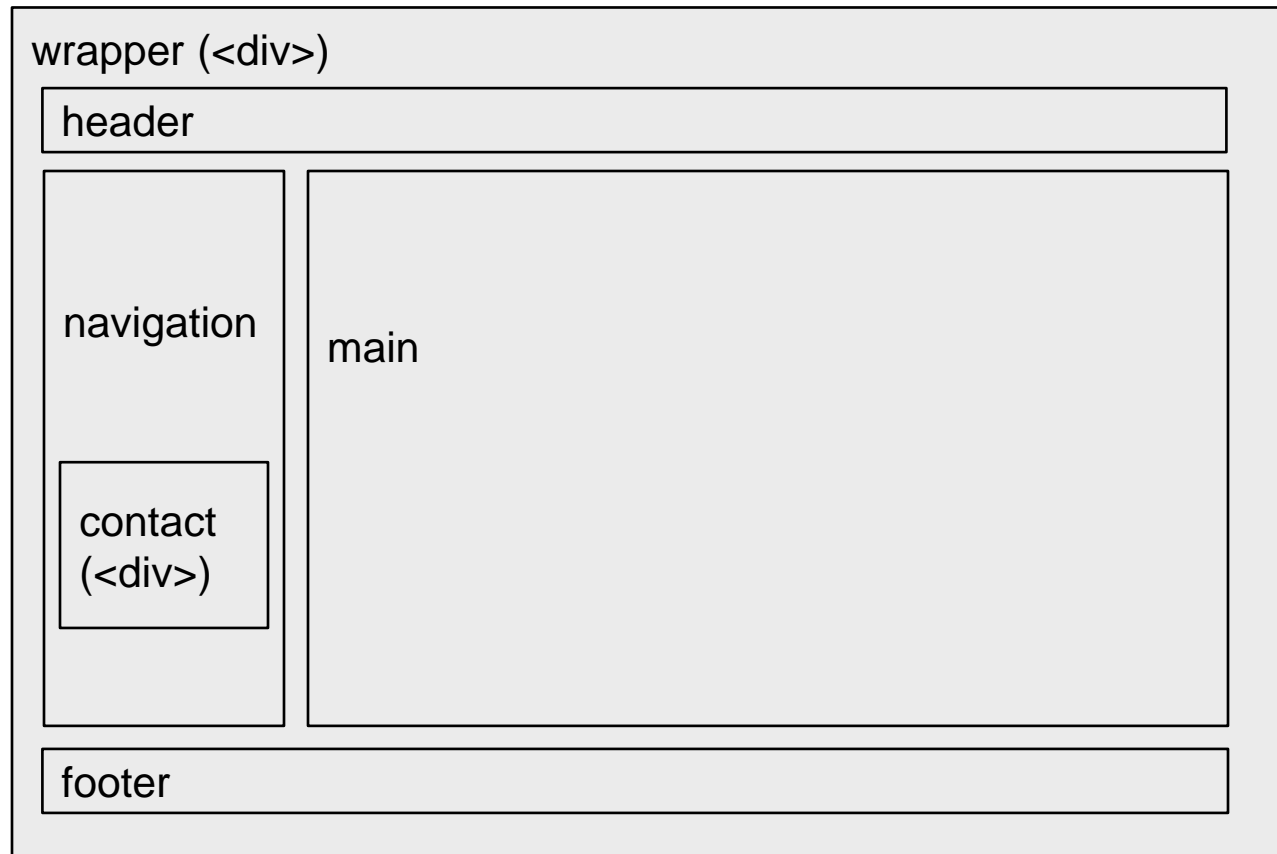
Project Four

- We'll modify the wireframe for the index page to look like the one shown below. The wrapper is a `<div>` element which contains the entire body of the document.



Project Four

- We'll modify the wireframe for the menu page to look like the one shown below. The wrapper is a `<div>` element which contains the entire body of the document.



Project Four: Task 2

- Create an images folder inside your Project 4 folder. Include all of the images listed below in this folder. Download the images from the WebCourses assignment page into this folder.
- There are fifteen images to download with the following names:

clamstrips.png

coffee1.jpg

coffee2.jpg

coffee3.jpg

espresso1.png

lighthouselogo.jpg

lighthouselogo1.jpg

marker.gif

muffin1.jpg

ocean.jpg

oldmackinacelight.jpg

salad1.jpg

tea1.jpg

tea2.jpg

tea3.jpg



Project Four

- In this project you will modify both the markup for the index and menu pages as well as the external stylesheet created in Project Three to add additional style elements to your markup.
- You will also add additional images to the menu page to further enhance the overall look of the website.
- Copy the `index.html`, `menu.html`, and the `bistro.css` files from your Project Three folders into a new folder named Project Four and place in the appropriate folders within the new Project Four folder.
- Remove any style rules from your CSS that are rendered useless by the changes noted in the next few pages



Project Four: Task 1

- Your first task for Project Four is to modify the `bistro.css` stylesheet and `index.html` to accomplish the following:
 - Create a two column effect with the navigation and contact areas contained in the left column and the main content and image located in the right column. Maintain the wrapper to control the fluid layout properties.
 - Do not use additional `<div>` elements to create the columns. Use the existing structural elements `<nav>` and `<main>` as the containers for the columns.
 - Set the width of the `<nav>` element to be about 200px.
 - Have these structural elements display as table-cells to maintain the columnar effect when the user adjusts the width of the browser display. Do not float the columns. Do not use a nested `<div>` approach.
 - Modify the contact/address `<div>` to display with the background image `ocean.jpg` in a bordered box using the `#FFE4C4` color for the border. Put a small radius on each corner of this box of about 2px. Have this box set about 100px from the bottom of the last navigational element in the list above it.
- Your completed page should look like the one shown on the next page.





The Lighthouse Bistro

[Home](#)[Our Menu](#)[Entertainment
Schedule](#)[Reservations](#)

The Lighthouse Bistro
#27 Lighthouse Road
Mackinac City, Michigan
49701

888-555-5555

Enjoy Fine Dining and Entertainment at Lighthouse Point

The Lighthouse Bistro offers fine dining and entertainment a stones throw from the Old Mackinac Point Lighthouse on the Straits of Mackinac. The lighthouse was built in 1892 as a sentinel for vessels entering the Straits of Mackinac. Open year round. Yes, even in the winter! Stop in for a mug of one our specialty coffees after your hike.



- ☛ Specialty Coffees and Teas
- ☛ Bagels, Muffins, and Organic Snacks
- ☛ Clam Strips, Oysters, and Fresh Fish served daily
- ☛ Music and Poetry Readings
- ☛ Open Mic Night Every Friday starting at 8:00pm

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yourfirstname@yourlastname.com



Project Four: Task 2

- The second task for this project is to modify the menu.html markup as follows:
 - Remove any <dl>, <dt>, and <dd> elements from the page. The menu items will no longer be displayed in a list element, but rather in a table.
 - As with the index.html page, the menu.html page should now have a two column design with the wireframe similar to the index.html page except for the image which does not appear in the menu.html page.
 - The entire main content of the menu.html page will consist of three separate tables.
 - All tables should use correct table semantics and elements should be designed with accessibility in mind. See the lecture notes on HTML5 Tables for details (use the technique shown on page 21 of those notes).
 - All table styling must be done using CSS... do not attempt to use any of the deprecated HTML attributes to style your tables.



Project Four: Task 2


- Notice in the images on the following three pages, the consistent use of the color palette for our website. The sand color is #FFE4C4, the dark blue text color is #00008B, the main background color is #00BFFF.
- The background color in the odd table rows is #A9A9A9 and the text color is #00008B. The background color of the table header rows is #000066 and the text color is #EAEAEA.
- All of the images in the tables have an explicit width of 100 and height of 75.
- Notice that the text in the second column of every table is left-justified. All other columns are centered.
- Header rows in the table are styled differently than all other rows.
- Table captions are styled to left-justify and use a 1.2em font-size.
- When you are finished, your `menu.html` page should look like the images shown on the next three pages.



Thank you!

The Lighthouse Bistro Mer

file:///C:/Courses/CIS%204004%20-%20Web%20Based%20Information%20Technology/CIS%204004%20-%20Fall%202018/PROJE



The Lighthouse Bistro

Home

Our Menu





Entertainment Schedule

Reservations

The Lighthouse Bistro
#27 Lighthouse Road
Mackinac City, Michigan
49701

888-555-5555

Some of Our Coffees

Coffee	Description	Price	Image
Just Java	The regular house blend, decaffeinated coffee, or the flavor of the day	Endless cup \$2.00	
Cafe au Lait	House blended coffee infused into a smooth steamed milk.	Single \$2.00, Double \$3.00	
Iced Cappuccino	Sweetened espresso blended with icy-cold milk and served in a chilled glass	Single \$4.75, Double \$5.75, Wow! \$7.75	
Espresso	Our house blend espresso - the best!	Single \$5.00, Double \$7.50	



Thank you!

The Lighthouse Bistro Mer


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888-555-5555



Espresso

Our house blend espresso - the best!


Single \$5.00, Double \$7.50



A Selection of Some of Our Teas

Tea	Description	Price	Image
Breakfast Teas	Darjeeling, English Breakfast, Queen Anne, Green tea with lemon	Endless cup \$2.00	
Afternoon Teas	Lemon, Pure Peppermint, Earl Grey, China Oolong	Endless cup \$3.00	
Exotic Teas	Orange & Cinnamon Spice, Camomile, Honey & Vanilla, Pomegranate & Raspberry	Single cup \$3.50	

Snacks

Snack	Description	Price	Image
Bagels and Muffins	Bagels, Plain muffins, Blueberry muffins, Chocolate muffins, and much more	Small \$2.00, Large \$3.00	
Organic	Organic chips		

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Thank you!

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file:///C:/Courses/CIS%204004%20-%20Web%20Based%20Information%20Technology/CIS%204004%20-%20Fall%202018/PROJE

Afternoon Teas	Lemon, Pure Peppermint, Earl Grey, China Oolong	Endless cup \$3.00	
Exotic Teas	Orange & Cinnamon Spice, Camomile, Honey & Vanilla, Pomegranate & Raspberry	Single cup \$3.50	

Snacks

Snack	Description	Price	Image
Bagels and Muffins	Bagels, Plain muffins, Blueberry muffins, Chocolate muffins, and much more	Small \$2.00, Large \$3.00	
Organic Snacks	Organic chips with sea salt, Organic salads	Prices vary	
Fresh Fish	Clam strips, Fried Fish Strips, Fried Oysters, and many other seasonal selections	Prices vary by season \$5.75-\$15.00	

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What To Turn In

Place all of the deliverables for this assignment into a folder named Project4. The deliverables for this assignment are to be submitted via WebCourses no later than 11:59pm Sunday October 21, 2018 are:

1. The two valid HTML5 documents containing the semantically correct markup for the `index.html` and `menu.html` pages (40 pts – 20pts for each page).
2. A folder named `images` containing the fifteen images for this project. (5 pts)
3. A document containing screen captures for HTML5 validations (both passing!) (10 pts – 5pts for each valid page).
4. A valid CSS stylesheet named `bistro.css`, with styles defined as outlined in this document. (35 pts).
5. A document containing a screen capture of the validation of the stylesheet (10 pts).



Thank you! | The Lighthouse Bistro Mer | Showing results for upload X +

< > C 88 | validator.w3.org/nu/#file

Nu Html Checker

This tool is an ongoing experiment in better HTML checking, and its behavior remains subject to change

Showing results for uploaded file index.html

Checker Input

Show ☐ source ☐ outline ☐ image report

Check by No file chosen

Uploaded files with .xhtml or .xht extensions are parsed using the XML parser.

Document checking completed. No errors or warnings to show.

Used the HTML parser.
Total execution time 7 milliseconds.

[About this checker](#) • [Report an issue](#) • Version: 18.10.5





The W3C CSS Validation Service

W3C CSS Validator results for bistro.css (CSS level 3 + SVG)

Jump to: [Validated CSS](#)

W3C CSS Validator results for bistro.css (CSS level 3 + SVG)

Congratulations! No Error Found.

This document validates as [CSS level 3 + SVG](#) !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:



```
<p>
  <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
    </a>
  </p>
```



```
<p>
  <a href="http://jigsaw.w3.org/css-validator/check/referer">
    
    </a>
  </p>
```

