

CIS 4004: Web-Based Information Technology Spring 2017

Project Three (80 pts)

Due Sunday February 12, 2017

Instructor : Dr. Mark Llewellyn
markl@cs.ucf.edu

HEC 236, 407-823-2790

Office Hours: M & W: 1:30-3:20pm

T: 1:00-2:00pm

Th: 1:00-3:00pm

Department of Computer Science
University of Central Florida



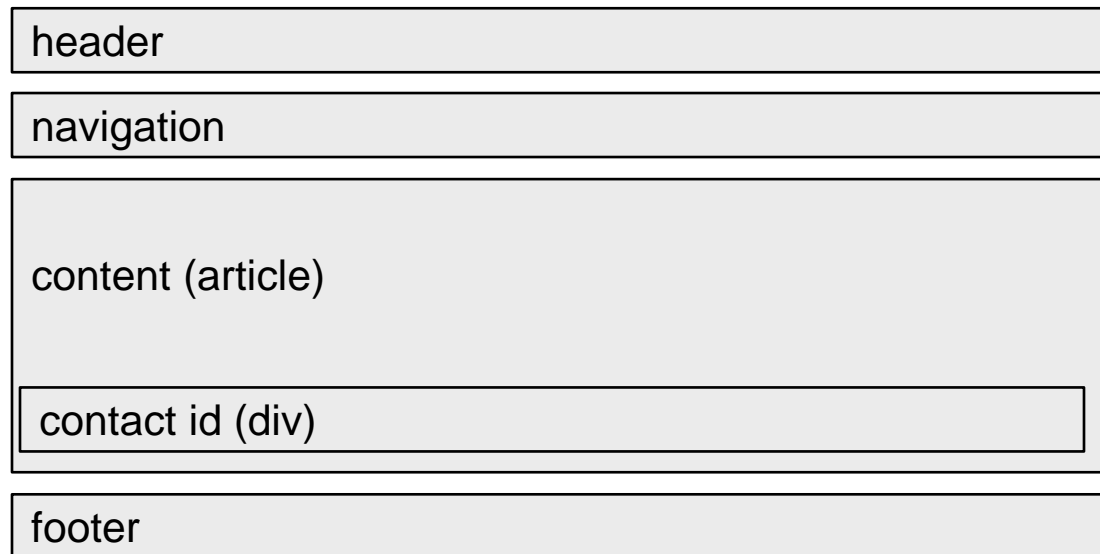
Project Three

- 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 add an additional page to the website.



Project Three

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



Project Three

- In this project you will modify the external stylesheet created in Project Two to add additional style elements to your markup.
- You will also expand the website to include the Activities page (see Project One for the website layout plan).
- You will also add images to the webpages and begin to enhance the overall look of the website.
- Copy the `index.html`, `accommodations.html`, and the `atlantic.css` files from your Project Two folder into a new folder named Project Three.
- Unless specifically instructed to do so, do not remove markup from either `index.html` or `accommodations.html` or any rules from your `atlantic.css` stylesheet.



Project Three: Task 1

- Your first task for Project Three is to modify the `atlantic.css` stylesheet.
- Code the CSS to the following specifications:
 - Select `<body>` elements to have Arial, Helvetica, or sans-serif font typeface.
 - Select `<header>` elements to display the background image named `sunset.jpg` on the right side of the header with no repetition. Also set the line height at 400% and a 1em text indentation.
 - Select `<nav>` elements to have bold text.
 - Use a descendant selector to style `<a>` elements inside `<nav>` elements to eliminate the display of the underline for hyperlinks.
 - Select `<h1>` elements to display text in Georgia, Times New Roman, or serif font typeface.
 - Select `<h2>` elements to display text in Georgia, Times New Roman, or serif font typeface.

(continued on next slide)



Project Three: Task 1

- Continued from previous slide:
 - Select `<h3>` elements to display text in Georgia, Time New Roman, or serif font typeface. Text color should be #000099.
 - Select `` elements to display the image `marker.gif` as the list bullet.
 - Select `<footer>` elements to specify a 75% font size, italic font style, centered text, and Georgia, Times New Roman, or serif font typeface.
 - For the class named `resort`, add rule to display bold text.
 - For the id named `contact`, add rule to display text with 90% font size.
- Save and validate the `atlantic.css` stylesheet.



Project Three: Task 2

- Create a folder named `images` inside your Project Three folder.
- Download the images from the WebCourses assignment page into this folder. There are five images to download with the following names:
 - `coast.jpg`
 - `marker.gif`
 - `sunset.jpg`
 - `bungalow.jpg`
 - `trail.jpg`



Project Three: Task 2

- Modify the `index.html` (home) page as follows:
 - Remove any ``, `<small>`, or `<i>` elements from the page (if you have any).
 - Add an `` element below the `<h2>` element to display the `coast.jpg` image. Be sure to specify the `alt`, `height`, and `width` attributes for the image. For the images used in this project a height value of 250 and a width value of 320 will work fine.
- After making these changes, your `index.html` page should look very similar to the one shown on the next page.



[Home](#) [Accommodations](#) [Activities](#) [Reservations](#)

A wide-angle photograph of a coastal landscape. In the foreground, a small, crescent-shaped sandy beach is nestled at the base of a steep, dark rock cliff. The water near the shore is a vibrant turquoise color, indicating shallow depths. Further out, the water transitions to a deep blue. In the distance, a small, rocky island is visible on the horizon. The sky is a clear, bright blue. The overall scene is one of natural beauty and tranquility.

- Private bungalows with decks overlooking the ocean
- Activities lodge with fireplace and gift shop
- Nightly fine dining at the Overlook Cafe
- Heated outdoor pool and whirlpool
- Guided hiking tours of the pine forests

888-555-5555



Project Three: Task 2

- The second task for this project is to modify the `accommodations.html` markup as follows:
 - Remove any ``, `<small>`, or `<i>` elements from the page (if you have any).
 - Add an `` element below the `<h2>` element to display the `bungalow.jpg` image. Be sure to specify the `alt`, `height`, and `width` attributes for the image.
 - Modify the main content of this page from whatever markup you used previously, whether it was `<h3>` elements, or a `` elements to use a definition list `<dl>`.
- After making these changes your accommodations page should look like the one shown on the next slide.



Menu

jQuery - Example 11 - StripAtlantic Trails ResortAtlantic Trails Resort :: AccommodationsAtlantic Trails Resort :: Accommodations

<>↺☰


file:///C:/Courses/CIS%204004%20-%20Web%20Based%20Information%20Technology/CIS%204004%20-%20Spring%202021/atlantic-trails-resort/atlantic-trails-resort-accommodations.html

♡⬇

Atlantic Trails Resort

HomeAccommodationsActivitiesReservations

The Accommodations at Atlantic Trails



What is a bungalow?

Our luxury bungalows are permanent structures four feet off the ground. Each bungalow has canvas walls, a wooden floor, and a roof dome that can be opened.

How are the bungalows furnished?

Each bungalow is furnished with a queen-size bed with down quilt and gas-fired stove. The luxury camping experience also includes electricity and a sink with hot and cold running water. Shower and restroom facilities are located in the lodge.

What should I bring?


Bring a sense of adventure and some time to relax! Most guests also pack comfortable walking shoes and plan to dress for changing weather with layers of clothing.

Copyright © 2017 Atlantic Trails Resort
yourfirstname@yourlastname.com

CIS 4004: Project Three

Page 11

© Dr. Mark Llewellyn



Project Three: Task 3

- The third task in Project Three is to create the `activities.html` page.
- This page will be similar in layout to the `accommodations.html` page, so you can use that page as a starting point.
- Create a page that looks like the one shown on the next slide. The main content area on this page should be marked up using `<h3>` elements for the headings and `<p>` elements for the sentences.



Menu

jQuery - Example 11 - Strip ×Atlantic Trails Resort ×Atlantic Trails Resort :: Acco ×Atlantic Trails Resort :: Acti ×+⌵

<>↺⌵


file:///C:/Courses/CIS%204004%20-%20Web%20Based%20Information%20Technology/CIS%204004%20-%20Spring%

♡⬇

Atlantic Trails Resort

HomeAccommodationsActivitiesReservations

Activities at Atlantic Trails



Hiking

Atlantic Trails Resort has 5 miles of hiking trails and is adjacent to a state park. Go it alone or join one of our guided hikes.

Kayaking

Ocean kayaks are available for guest use.

Bird Watching


While anytime is a good time for bird watching at Atlantic Trails, we offer guided birdwatching trips at sunrise several times a week.

Copyright © 2017 Atlantic Trails Resort
yourfirstname@yourlastname.com

CIS 4004: Project Three

Page 13

© Dr. Mark Llewellyn



What To Turn In

Place all of the deliverables for this assignment into a folder named Project3. The deliverables for this assignment are to be submitted via WebCourses no later than 11:59pm Sunday February 12, 2017 are:

1. The three valid HTML5 documents containing the semantically correct markup for the index/home, accommodations, and activities pages (30 pts – 10pts for each page).
2. A folder named `images` containing the five images for this project. (5 pts)
3. A document containing screen captures for HTML5 validations (all three passing!) (15 pts – 5pts for each valid page).
4. A valid CSS stylesheet named `atlantic.css`, with styles defined as outlined in this document. (20 pts).
5. A document containing a screen capture of the validation of the stylesheet (10 pts).



Menu

jQuery - Example 11 - Strip XAtlantic Trails ResortAtlantic Trails Resort :: Acco XShowing results for upload X

<>↺📦🔒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 activities.html

Checker Input

Show☐ source☐ outline☐ image reportOptions...

Check byfile uploadChoose FileNo file chosen

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

Check

Use the Message Filtering button below to hide/show particular messages, and to see total counts of errors and warnings.

Message Filtering

1. Warning The banner role is unnecessary for element header.

From line 9, column 2; to line 9, column 23

><body><header role="banner"><h1>At

2. Warning The navigation role is unnecessary for element nav.

From line 10, column 3; to line 10, column 25

header><nav role="navigation"><a

3. Warning The main role is unnecessary for element main.


From line 16, column 2; to line 16, column 19

</nav><main role="main"><h2

CIS 4004: Project Three

Page 15


© Dr. Mark Llewellyn



Menu

jQuery - Example 11 - Strip XAtlantic Trails Resort XAtlantic Trails Resort :: Acco XW3C CSS Validator results X

<>↺📦🌐jigsaw.w3.org/css-validator/validator📖📵

The W3C CSS Validation Service

W3C CSS Validator results for atlantic.css (CSS level 3)

Jump to:


Validated CSS

W3C CSS Validator results for atlantic.css (CSS level 3)


Congratulations! No Error Found.

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

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>
```

(close the img tag with > instead of /> if using HTML <= 4.01)

CIS 4004: Project Three

Page 16

© Dr. Mark Llewellyn

