

Homework-1

CS 482/582/621

Web and Mobile Application

Spring 2017

DUE: 11:00 A.M. on January 31 (Tuesday)

DESCRIPTION: 2 points'

North Atlantic Resorts

To work on this assignment, you need to complete Lab-2(Chapter-3).

You have following tasks in this homework:

1. Create a folder for the North Atlantic Resorts website.
2. Modify the Home page to display a logo image and scenic photograph as shown in Figure 1.
3. Modify the Yurts page to be consistent with the Home page.
4. Create a new Activities page, as shown in Figure 2.
5. Modify the style rules in the atlantic.css file as needed.

Task 1: Create a folder in your computer called “Atlantic-4” to contain your North Atlantic Resort website files. Copy all the files from your Chapter-3 (Lab-2) into this folder. A Zip folder of the images are available in the blackboard. Save the files in Atlantic-4 folder.

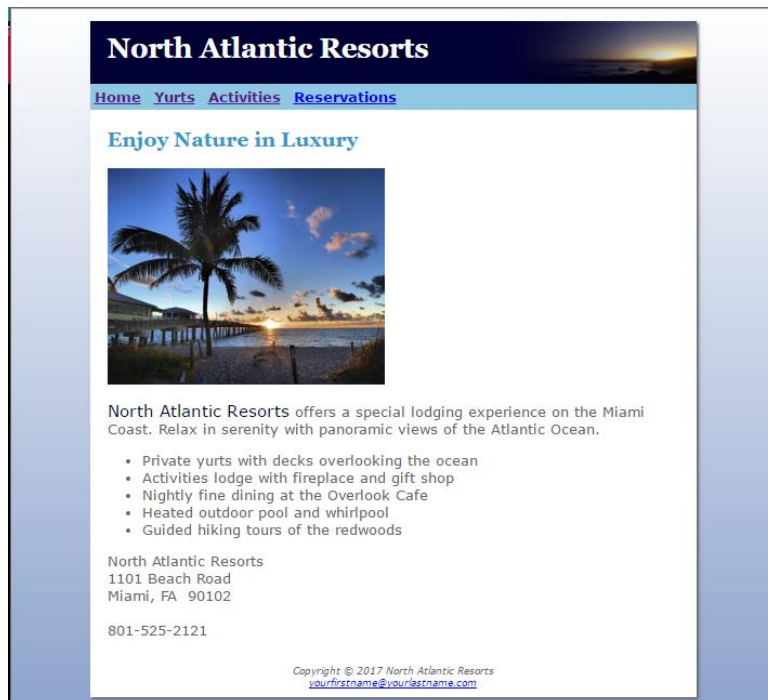


Figure 1: North Atlantic Resorts index.html

Task 2: The Home Page. Launch a text editor, and open the index.html file from your Atlantic-4 folder. Modify the index.html file to look similar to the web page shown in Figure 1. Configure the coast.jpg image to display below the h2 element and above the paragraph element. Be sure to configure the alt, height, and width attributes for the image.

Save and test your new index.html page. It will be similar to Figure 1, but you'll notice that a few final touches (like the sunset image in the logo area) are missing; you'll configure these with CSS in Task 5.

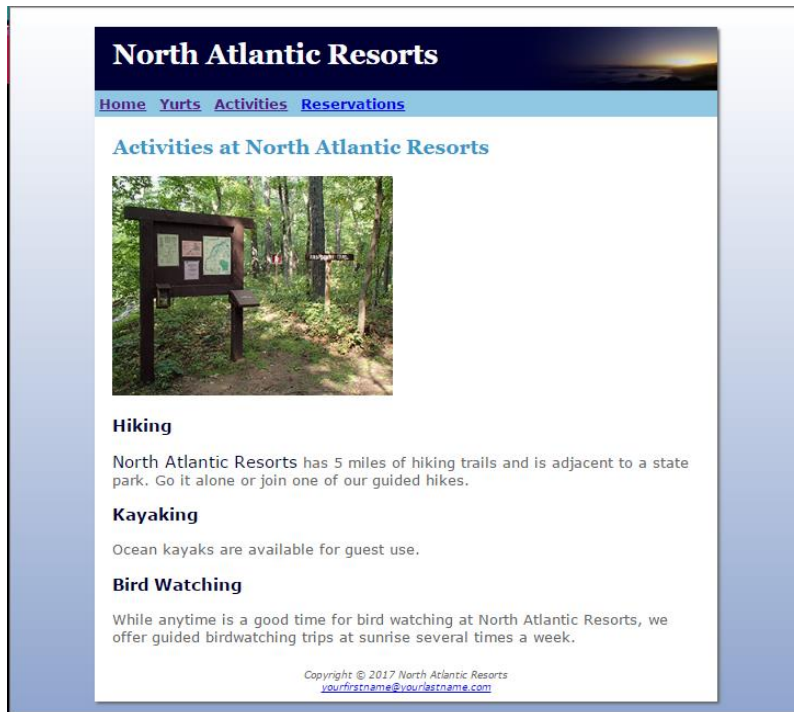


Figure 2: North Atlantic Resorts activities.html

Task 3: The Yurts Page. Launch a text editor, and open the yurts.html page from your Atlantic-4 folder. Configure the yurt.jpg image to display below the h2 and above the paragraph. Be sure to configure the alt, height, and width attributes for the image. Save and test your new yurts.html page.

Task 4: The Activities Page. Use the Yurts page as the starting point for the Activities page. Launch a text editor, and open the yurts.html file in the Atlantic-4 folder. Save the file as activities.html. Modify the activities.html file to look similar to the Activities page, as shown in Figure 2:

1. Change the page title to an appropriate phrase.
2. Change the text in the <h2> to be "Activities at North Atlantic Resorts".
3. Modify the tag to display the trail.jpg image. Modify the alt text to be appropriate.

4. Delete the description list from the page.

5. Configure the following text, using h3 tags for the headings and paragraph tags for the sentences:

Hiking

North Atlantic Resorts 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 North Atlantic Resorts, we offer guided birdwatching trips at sunrise several times a week.

6. Configure a span element to contain the phrase "North Atlantic Resorts" in the first paragraph on the page. Assign the span to the class named resort.

Task 5: Configure the CSS. Open atlantic.css in in a text editor. Edit the style rules as follows:

1. Modify the body element selector style rules. Configure background.jpg as the background image.

2. Modify the style rules for the wrapper id. Configure the background color to be #ffffff. Configure a minimum width of 700px (use min-width). Configure a maximum width of 1024px (use max-width). Use the box-shadow property to configure a drop-shadow effect.

3. Modify the style rules for the h1 element selector. Configure the sunset.jpg as a background image that displays on the right and does not repeat. Also configure 20 pixels of left padding. Configure a 72-pixel height (the same height as the background image).

4. Modify the style rules for the nav element selector. Configure 5 pixels of padding.

5. Modify the style rules for the footer element selector. Configure 10 pixels of padding.

6. Add a new style rule for the h3 element selector to display #000033 text color.

7. Add a new style rule for the main element selector that configures 20 pixels of left and right padding.

8. Have you noticed extra empty space between the logo header area and the navigation? Let's do something about that. We'll need to use the CSS margin property, which you'll explore in depth in Chapter 6. Modify the style rules for the h1 selector to set the bottom margin to 0 with the following code:

```
margin-bottom: 0;
```

Save the atlantic.css file. Test your pages (index.html, yurts.html, and activities.html) in a browser. If your images do not appear or your image links do not work, examine your work carefully. Use Windows Explorer or Mac Finder to verify that the images are saved in your Atlantic-4 folder. Examine the src attribute on the tags to be sure you spelled the image names correctly.

Upload your file as a compressed zip folder by 11:00 A.M. on January 31 (Tuesday)