Lab 1

DUE: 11:00 A.M. on January 24 (Tuesday)

DESCRIPTION: 5 points'

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North Atlantic Resorts

The resort offers a quiet getaway, with luxury camping in yurts along with an upscale lodge for dining and visiting with fellow guests. The target audience for North Atlantic Resort is couples who enjoy nature and hiking. The website that you are developing shall include a home page, a page about the special yurt accommodations, a reservations page with a contact form, and a page to describe the activities available at the resort.

A site map for the North Atlantic Resort website is shown in Figure 1. The site map describes the architecture of the website, which consists of a "Home" page with three main content pages: "Yurts," "Activities," and "Reservations."

Figure 1: North Atlantic Resorts sitemap

Figure 2 displays a wireframe sketch of the page layout for the website. It contains a header area, a navigation area, a content area, and a footer area for copyright information.
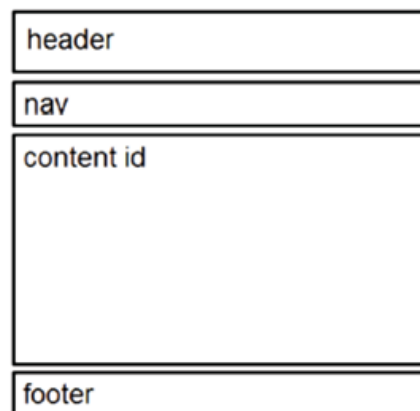

Figure 2: North Atlantic Resorts wireframe

You have three tasks in this lab:

1. Create a folder for the North Atlantic Resorts website.

2. Create the Home page: index.html.

3. Create the Yurts page: yurts.html

Task 1: Create a folder in your computer called "Atlantic" to contain your North Atlantic Resort website files.

Task 2: The Home Page. You will use a text editor to create the Home page for the North Atlantic Resort website. The Home page is shown in Figure 3
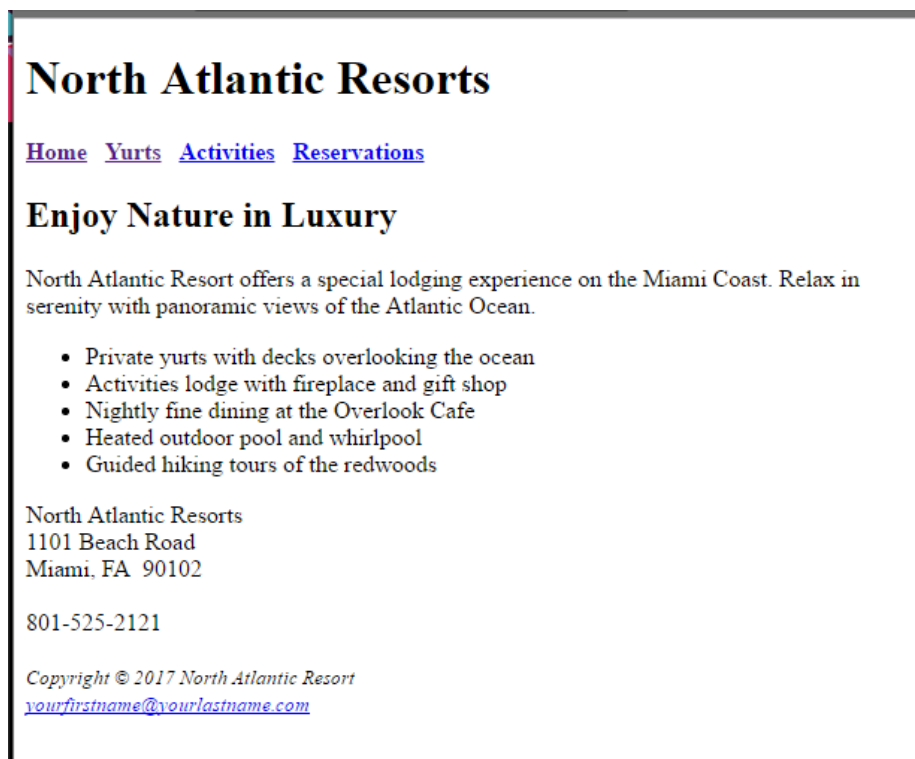

Figure 3: North Atlantic Resorts index.html

Launch a text editor, and create a web page with the following specifications:

1. Web Page Title. Use a descriptive page title. The company name is a good choice for a business website.

2. Wireframe Header. Code the header element with the text, "North Atlantic Resorts" contained within a heading 1 element.

3. Wireframe Navigation. Place the following text within a nav element with bold text (use the <b> element):

Home Yurts Activities Reservations

Code anchor tags so that "Home" links to index.html, "Yurts" links to yurts.html, "Activities" links to activities.html, and "Reservations" links to reservations.html.

4. Wireframe Main Content. Code the main page content within a main element.

a. Code the following text within an h2 element:

Enjoy Nature in Luxury

b. Configure the following sentences in a paragraph:

North Atlantic Resort offers a special lodging experience on the Miami Coast. Relax in serenity with panoramic views of the Atlantic Ocean.

c. Code the following content in an unordered list:

Private yurts with decks overlooking the ocean

Activities lodge with fireplace and gift shop

Nightly fine dining at the Overlook Café

Heated outdoor pool and whirlpool

Guided hiking tours of the redwoods

d. Configure the following address and phone number contact information within a div element below the unordered list. Use line break tags to help you format this area.

North Atlantic Resorts

101 Beach Road

Miami, FA 90102

801-525-2121

5. Wireframe Footer. Configure the following copyright and e-mail link information within a footer element. Format it with small text size (use the <small> tag) and italics font style (use the <i> tag).

Copyright © 2017 North Atlantic Resorts

Place your name in an e-mail link on the line under the copyright.

White space (blank space) on the page can be added with <br> tags where needed. Your page does not need to look exactly the same as the sample. Your goal at this point should be to practice and get comfortable using HTML. Save your page in the Atlantic folder, and name it index.html.

Task 3: The Yurts Page. Create the Yurts page shown in Figure 4. A technique that improves productivity is to create new pages based on existing pages so that you can benefit from your previous work. Your new Yurts page will use the index.html page as a starting point.
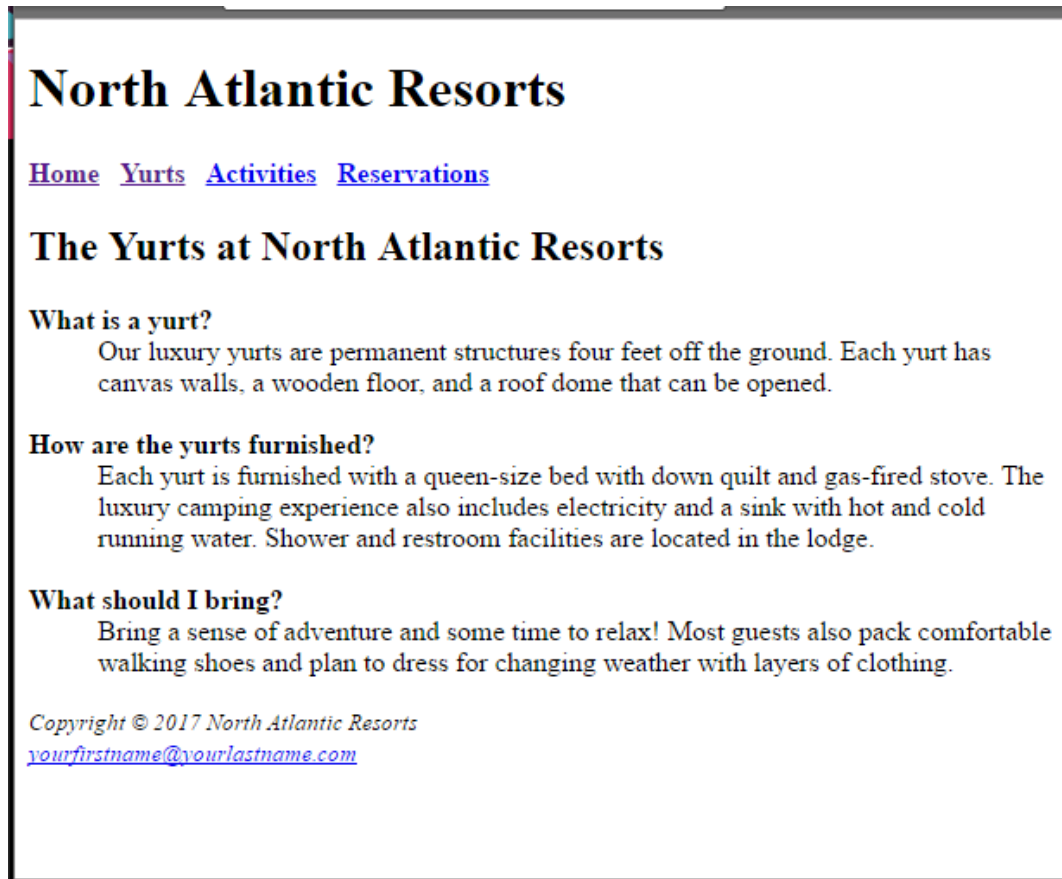

Figure 4: North Atlantic Resorts yurts.html

Open the index.html page for the North Atlantic Resort website in a text editor. Select File > Save As, and save the file with the new name of yurts.html in the atlantic folder. Now you are ready to edit the page.

1. **Web Page Title.** Modify the page title. Change the text contained between the <title> and </title> tags to the following:

   North Atlantic Resorts :: Yurts

2. Wireframe Main Content.

   a. Replace the text in the h2 element with the following:

   The Yurts at North Atlantic Resort

   b. Delete the Home page content paragraph, unordered list, and contact information.

c. Add the yurts content to the page as a FAQs (frequently asked questions) list by using a description list. Configure each question to have strong importance and bold font weight (use the <strong> phrase element) within a dt element. Configure each answer within a dd element. The text is shown as follows:

What is a yurt?

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

How are the yurts furnished?

Each yurt 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.

Save your page, and test it in a browser. Test the hyperlink from the yurts.html page to index.html. Test the hyperlink from the index.html page to yurts.html. If your links do not work, review your work, paying close attention to these details:

- Verify that you have saved the pages with the correct names in the correct folder.
- Verify your spelling of the page names in the anchor elements. Test again after you make the changes.