**LAB 7 – CHAPTER 6**

**PACIFIC TRAIL RESORT CASE STUDY**

**INSTRUCTIONS**

In this chapter’s case study you will use the existing Pacific Trails website from last week as a starting point to create a new version of the website.

The design is a centered page layout that takes up 80% 0f the browser viewport with a featured hero image on each page. You’ll use CSS to configure the new page layout, a background gradient, hero image, and other styles, including margin and padding.

You have five tasks in this case study:

1. Create a new folder for the Pacific Trails Resort website.
2. Edit the pacific.css external style sheet.
3. Update the Home page: index.html.
4. Update the Activities page activities.html.
5. Update the Yurts page: yurts.html.

Task 1: Create a folder called ch6pacific to contain your Pacific Trails Resort website files.

Copy the files from last week folder into the new ch6pacific folder.

Task 2: The External Stylesheet. Launch a text editor and open the pacific.css external style sheet file.

* The body element Selector. Change the background color to a light blue (#90C7E3).

Add style declarations to display a linear gradient that blends from white (#FFFFFF) to light blue (#90C7E3) and does not repeat.

* The wrapper id Selector. Add a new selector for an id named wrapper. Configure the wrapper id to be centered with a width 80%, white background color (#FFFFFF), a minimum width of 204 pixels, a maximum width of 960px, and a 3px offset dark (#333333) box shadow.
* The header element Selector. Remove declarations for line height and indented text.

Add declarations to configure 60px height, centered text, and 15px top padding.

* The h1 element Selector. Add a style declaration to configure zero top margin.
* The nav element Selector. Change the background color to white (#FFFFFF), Add declarations to configure centered text and 10px padding.
* The main element Selector. Add a new selector for the main element. Code declarations to configure 1px top padding. 20px right padding, 20px bottom padding, and 20px left padding. At the time this was written, Internet explorer did not support default styles the HTML5 main element, so add the following style declaration using the display property to nudge this browser to display as expected display: block;
* The h2 element Selector. Add a style declaration to configure 1px offset gray (#CCCCCC) text shadow.
* The footer element Selector. Add a declaration to configure 20px of padding.
* The homehero id Selector. Add a new selector for id named homehero. Code declarations to configure 300px height and to display the coast.jpg background image to fill the space (use background-size: 100%;) without repeating.
* The yurthero id Selector. Add a new selector for an id named yurthero. Code declarations to configure 300px height and to display the yurt.jpg background image to fill the space (use background-size: 100% 100%;) without repeating.
* The trailhero id Selector. Add a new selector for an id named trailhero. Code declarations to configure 300px height and to display the trail.jpg background image to fill the space (use background-size: 100% 100%;) without repeating.

Save the pacific.css file. Use the CSS validator (<http://jigsaw.w3.org/css-validator>) to check your syntax. Correct and retest if necessary.

Task 3: The Home Page. Launch a text editor and open the index.html file.

* Code div tags to add a wrapper div that contains the content of the web page.
* Configure a div element to contain the coast.jpg image. Code an opening div tag assigned to the id named homehero after the closing nav tag. Next code a closing div tag, this div is located between the nav element and the main element. There is no HTML or text content for this div. The purpose of this div is to be a placeholder for the CSS that will display the hero image.
* Remove the img tag for the coast.jpg photo.

Save and test your page in a browser.

Task 4: The Yurts Page: Launch a text editor and open the yurts.html file.

* Code div tags to add a wrapper div that contains the content of the web page.
* Configure a div to contain the yurt.jpg image. Code an opening div tag assigned to the id named yurthero after the closing nav tag. Next code a closing div tag, this div is located between the nav element and the main element. There is no HTML or text content for this div.
* Remove the img tag for the yurt.jpg photo.

Save and test your page in a browser.

Task 5: The Activities Page. Launch a text editor and open the activities.html file.

* Code div tags to add a wrapper div that contains the content of the web page.
* Configure a div to contain the trail.jpg image. Code an opening div tag assigned to the id named trailhero after the closing nav tag. Next code a closing div tag, this div is located between the nav element and the main element. There is no HTML or text content for this div.
* Remove the img tag for the trail.jpg photo.

Save and test your page in a browser.