



Computer Science Department

CSCI 102 - Computer-Mediated Communications
Spring 2020
Laboratory Assignment 2
CRN 21400

Objectives

1. Create an external style sheet that configures the
2. Configure background and text color and text.
3. Modify the Home page with the external style sheet to configure colors and fonts.
4. Modify the Yurts page to be consistent with the new Home page.
5. Configure centered page layout.

You are welcome to use your book as a resource as well as online lectures. Feel free to email your TA or instructor if you have questions about the lab.

READ ALL THE INSTRUCTIONS CAREFULLY.

Task 1: Create a new folder naming it **Lab2** in your secret folder.

- a. Open Visual Studio Code and create a basic page by either following the instructions for Lab1 or using the templates for Lab1. Save your page in your Lab2 folder with the name index.html
- b. Copy all your files from the Lab1 folder into Lab2 folder.

Task 2: Create an external style sheet named **style.css**

- c. Open Visual Studio Code and create an external style sheet naming it **style.css** under a new folder called **css**



#000033



#3399CC



#90C7E3



#5C7FA3



#666666

Pacific Trails Resort

Home Yurts Activities Reservations

Enjoy Nature in Luxury

Pacific Trails Resort offers a special lodging experience on the California North Coast with panoramic views of the Pacific Ocean. Your stay at Pacific Trails Resort includes a sumptuously appointed private yurt and a cooked-to-order breakfast each morning.

- Unwind in the heated outdoor pool and whirlpool
- Explore the coast on your own or join our guided tours
- Relax in our lodge while enjoying complimentary appetizers and beverages
- Savor nightly fine dining with an ocean view

Pacific Trails Resort
12456 Pacific Trails Road
Zephyr, CA 95555

888-555-5555

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yourfirstname@yourlastname.com

TASK 3: THE EXTERNAL STYLE SHEET. You will use a text editor to create an external style sheet named pacific.css. Code the CSS to configure the following:

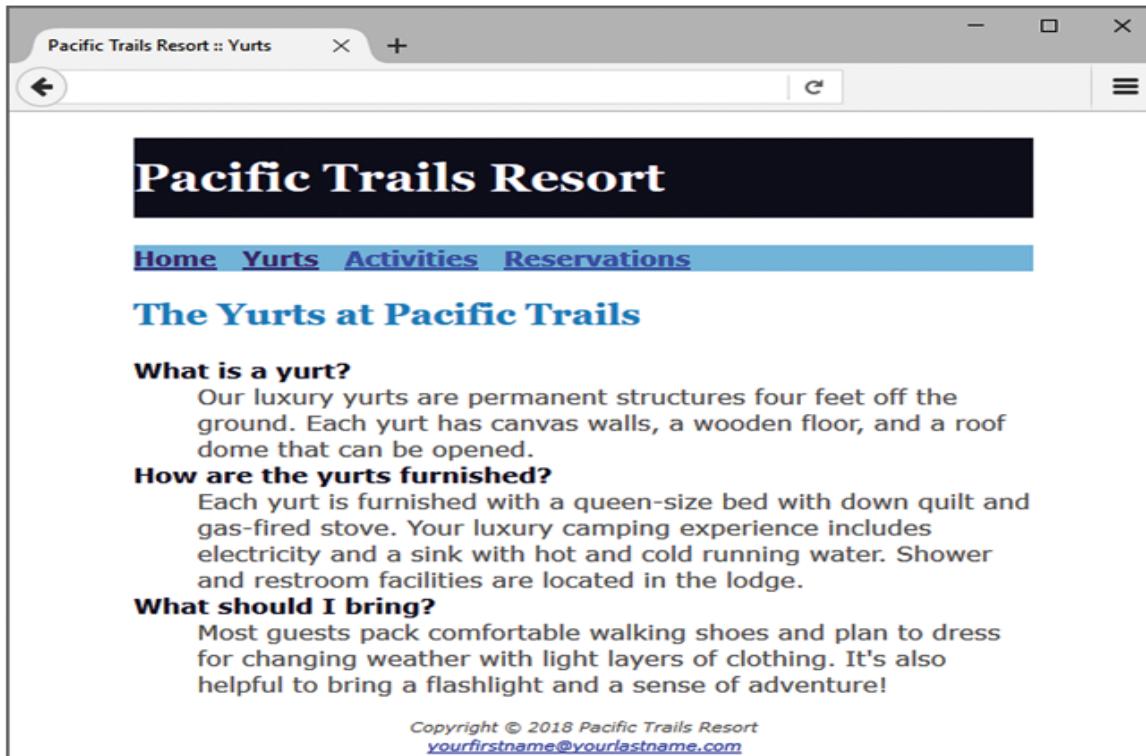
1. Global styles for the document (use the body element selector) with background color `#FFFFFF`, text color `#666666`, and Verdana, Arial, or any sans-serif font.
2. Styles for the header element selector that configure background color `#000033`, text color `#FFFFFF`, and Georgia or any serif font.
3. Styles for the h1 element selector that configure 200% line height.
4. Styles for the nav element selector that display text in bold and has a sky-blue background color (`#90C7E3`).
5. Styles for the h2 element selector that configure medium-blue text color (`#3399CC`) and Georgia or any serif font.
6. Styles for the dt element selector that configure dark-blue text color (`#000033`) and bold font.
7. Styles for a class named `resort` that configure dark-blue text color (`#000033`) and `1.2em` font size.

8. Styles for the footer element selector with a small font size (`.70em`) and italic, centered text.

TASK 4: THE HOME PAGE. Launch a text editor, and open the index.html file. You will - modify this file to apply styles from the pacific.css external style sheet as follows:

1. Add a `<link>` element to associate the web page with the pacific.css external style sheet file.
2. Configure the navigation area. Remove the `` element from the navigation area, because the CSS will configure the bold font weight.
3. Find the company name ("Pacific Trails Resort") in the first paragraph below the h2. Configure a span that contains this text. Assign the span element to the `resort` class.
4. Look for the company name ("Pacific Trails Resort") directly above the street address. Configure a span that contains this text. Assign the span element to the `resort` class.
5. Configure the page footer area. Remove the `<small>` and `<i>` elements—they are no longer needed since CSS is now used to configure the text.

TASK 5: THE YURTS PAGE. Launch a text editor, and open the yurts.html file. You will modify this file in a similar manner: Add the `<link>` element, configure the navigation area, and configure the page footer area. Delete the strong tags contained within each dt element. Save and test your new yurts.html page. It should look similar to the one shown in Figure 3.34 except for the alignment.



TASK 6: CENTER PAGE LAYOUT WITH CSS. Modify pacific.css, index.html, and yurts.html to configure page content that is centered with 80% width. Refer to [Hands-On Practice 3.9](#) if necessary.

1. Launch a text editor, and open the pacific.css file. Add a style rule for an id named `wrapper` with `width` set to 80%, `margin-right` set to auto, and `margin-left` set to auto.
2. Launch a text editor, and open the index.html file. Add the HTML code to configure a `div` element assigned to the id `wrapper` that “wraps,” or contains, the code within the `body` section. Save and test your index.html page in a browser and you’ll notice that the page content is now centered within the browser viewport as shown in [Figure 3.33](#).
3. Launch a text editor and open the yurts.html file. Add the HTML code to configure a `div` element assigned to the id `wrapper` that “wraps,” or contains, the code within the `body` section. Save and test your yurts.html page in a browser and you’ll notice that the page content is now centered within the browser viewport as shown in [Figure 3.34](#).

Task 7: Code this in the footer of your HTML.

```
<script>  
    var date = document.lastModified;  
    document.write(date);  
</script>
```

Task 8: Turning in your Work

To complete the lab, submit your **URL/zipped** folder for the exercise.

Your URL should be:

[http://myweb.students.wwu.edu/~\(login name\)/CS102/\(secret
folder\)/Lab1/index.html](http://myweb.students.wwu.edu/~(login name)/CS102/(secret folder)/Lab1/index.html)

Replacing (login name) with your login name and (secret folder) with your secret folder name.

- If your login name is nana24 and your secret folder is MonaLisa, then the web address for your page is:

<http://myweb.students.wwu.edu/~nanab24/CS102/MonaLisa/Lab1/index.html>

- Note, if you double-click the file you saved in the folder directly, a web page will appear beginning with file://. This is the wrong web address; your TA and your instructor will NOT have access to your work through this address.

Your zipped folder should be:

- **Lab1last_name.zip**

All work should be turned in as a Canvas **URL/zip** submission as described above.

I recommend double-checking that your submission is complete. Late assignments, broken URLs, or incorrect submission items will be penalized two points per 24-hours passed from the due date.

The last date for submission of Lab assignment is 11:59pm Saturday April 25, 2020.

Points Breakdown

All hyperlinks to external web pages - **4 points**

Correctly Configured CSS content for Homepage - **8 points**

Correctly Configured CSS content for Class page - **8 points**

Any submission without a working URL will earn **0 points**