

158.256 Web Application Design (15 marks)

Textbook Tutorial 2 - Getting Started With CSS3

Lab Practical: Case Problem 4 - The Great Lakescape Lodge

Problem Scenario - The Great Lakescape Lodge

Ron Nelson is the owner of the The Great Lakescape Lodge in the Baileys Barbot, Wisconsin. He has hired you to work on the redesign of the lodge's website. You'll start by working on the site's home page. Ron has already written the text of the page, gathered all of the graphic files, and had a colleague design the page layout. He wants you to work on the page's color scheme and typography. A possible solution is shown in the screenshot below.



Your Tasks and Challenges

1. Using your editor, open the `lake_home_txt.html` and `lake_styles_txt.css` files from the [ZIP archive](#) (also available on Stream). Save `lake_home_txt.html` as `index.html` and `lake_styles_txt.css` as `lake_styles.css`.
2. Go to the `index.html` file in your editor and link it to the `lake_style.css` and `lake_layout.css` style sheet files. Take some time to study the content and structure of the document and save your changes to this file.
3. Go to the `lake_styles.css` file in your editor and begin creating the colour scheme and typographic styles for the lodge's homepage. The final design is up to you, but it should include the following:
 - a. Definition of the character encoding used in the style sheet file (*it is the '.css' files*) (refer to --> <https://www.w3.org/International/questions/qa-css-charset> and https://www.w3schools.com/cssref/pr_charset_rule.asp);
 - b. Application of a web font (*it is the '.woff' and '.ttf' files*) (two fonts are supplied for you in the ZIP archive provided via the link above) (for more details refer to --> https://www.w3schools.com/css/css3_fonts.asp).
 - c. Setting background and text colours using both colour values and colour names.
 - d. An application of semi-transparent colour.
 - e. Selectors showing style rules applied to nested elements, child elements, and elements based on the id attribute.
 - f. Styles that modify the appearance of lists and list markers.
 - g. Use of pseudo-elements and pseudo-classes as selectors.
 - h. Styles that modify the padding space and margin space around an element.
 - i. A style rule that generates content in the rendered page.
4. Include informative style comments throughout the style sheet (*short comments only*).
5. Save your complete stylesheet and publish all your files on your Massey University course hosted website.

Marking schedule	
Component	Total Marks
Tasks 3.a to 3.i (1 mark each)	9
Task 4	4
Task 5	2