CS 341: Homework 1 – HTML and CSS

This assignment is designed to get you used to defining an HTML page and styling it with a cascading style sheet (CSS).

HTML Specification

Create an HTML file that, when displayed without a CSS file looks exactly like the ugly page at right. You don't have to use the Firefox web browser, this is just how it should appear in whatever browser you use. In addition:

- You must create this file using only a text editor.
- Your HTML code should be well formatted and properly indented to ease readability.
- You should make appropriate use of comments.
- The dropdown should allow a choice of quantities.
- The radio buttons should only allow exactly one topping option to be selected
- Your file should access the cheesecake slice image via a URL (not as a local file). You can find the image that was used by doing a Google search for "wikimedia cheesecake" (without the quotes).

A note to students with prior web development experience: You may not use script of any sort in your web page for this assignment.
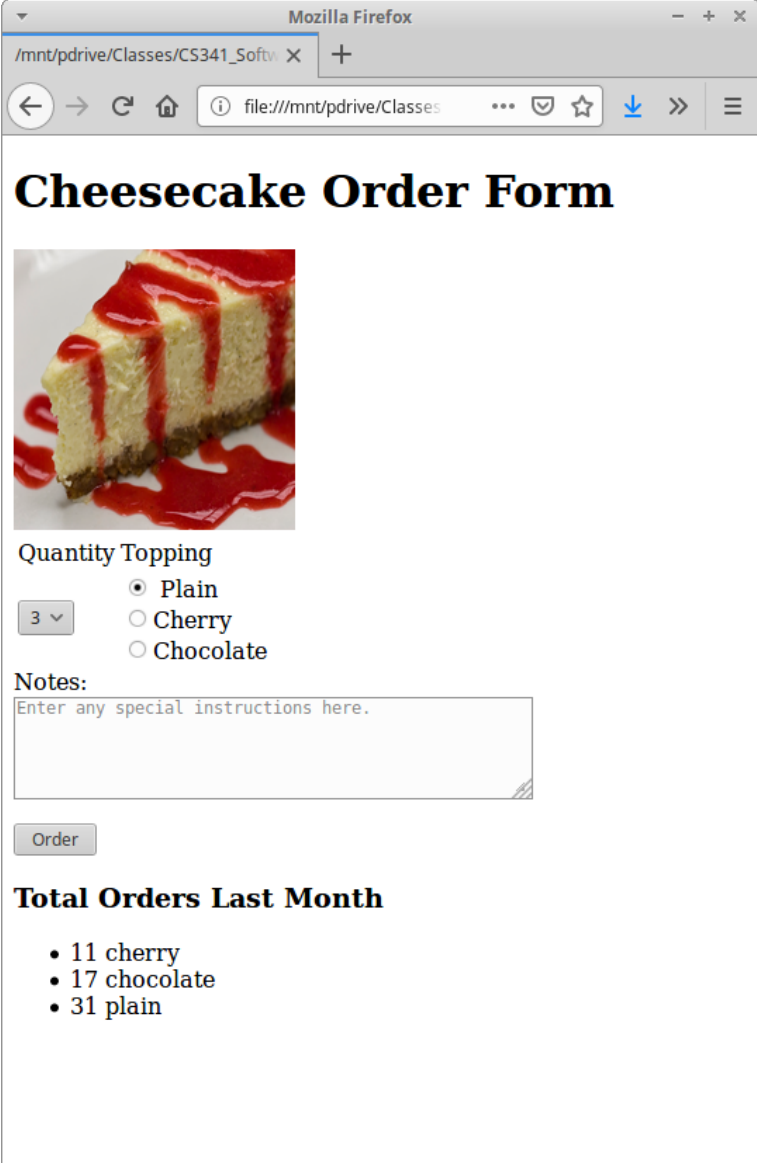
Hints:
- If you've never created an HTML file before this tutorial is recommended: https://www.w3schools.com/html/default.asp
- You instructor used all of the following tags to make this page: `<body>`, `<br>`, `<form>`, `<h1>`, `<h3>`, `<head>`, `<html>`, `<img>`, `<input>`, `<label>`, `<li>`, `<link>`, `<option>`, `<p>`, `<select>` , `<table>`, `<td>`, `<textarea>`, `<tr>`, `<ul>`. You are not required to use the same tags.

CSS Specification

Add an external link to a CSS file to your HTML file. Then use the CSS to make the page appear more attractive. This is a low bar: anything significantly better receives full credit for "more attractive." At a minimum, you must make at least the following changes:

- A portion of the page should have a different background color or image than the rest of the page
- You should use at least two different fonts
- If the CSS file is deleted or renamed the page should revert to its ugly appearance depicted above

Hints:
- If you've never created a CSS style sheet before before this tutorial is recommended: https://www.w3schools.com/css/default.asp
- For inspiration you may enjoy this website: http://www.csszengarden.com/. This site displays several different style sheets that all modify the <u>same</u> HTML file. The variety is amazing.

Beauty Pagent!
Particularly beautiful websites will receive extra credit on this assignment.

Turning in your Homework
You are responsible for following these instructions correctly and turning in your homework assignments properly. I reserve the right to penalize your score for failing to do so. It also will frustrate those who are grading the assignment.

1. Be sure your name is in a comment at the top of both the HTML file and the CSS file.
2. Create a .zip file that contains your .html and .css files. The filename of the .zip file should contain your UP userid. For example, if Jessica Alba was taking this class her file might be named `alba22.zip`.
3. Submit your appropriate named .zip file via the course web site.