Assignment One – CSS Zen Garden

So far this semester we have explored the basics of CSS and interface design, including how to target specific elements with a variety of selectors, how to style common UI elements like tables and lists, how to style images and add background images to enhance interface design and how to control the display and flow of text using CSS.

In Assignment One, you will have an opportunity to apply what you learned and get creative with the CSS Zen Garden.

To Complete This Assignment:

Using the knowledge you've acquired so far, you are tasked with creating and implementing a unique and original interface design for the provided HTML document taken from http://www.csszengarden.com/. Visit http://www.csszengarden.com/ for more information, inspiration and to learn more about the power of CSS.

Specific Requirements:

Ensure that your project:

1.) includes a CSS file that contains **valid, well-formatted, error-free CSS** and helpful comments where applicable.

2.) includes **at least one example** of a type selector, a class selector, an id selector, an attribute selector, a pseudo-class selector or pseudo-element selector, a descendant combinator, a child combinator, a direct sibling

combinator and a general sibling combinator. **Include comments documenting each example.**

3.) incorporates a **background image or gradient** to enhance visual appearance of the interface.

4.) **incorporates colour** while still maintaining readability/accessibility

5.) incorporates at **two custom web fonts** and appropriate font-sizing and units

6.) Demonstrates understanding of the box model through the addition of **padding and margins** to give a sense of space between elements.

7.) incorporates some type of **creative element** (hover effect, image filter, animation etc.)

Learning Objectives:

- Demonstrate your ability to construct valid, well-formatted CSS style rules and CSS documents
- Construct CSS rules to control colours, background images and interaction
- Control the display and flow of text using appropriate CSS properties, values and typeface choices

Assessment:

You will be assessed on the following:

	Not Quite	Good Work	Awesome

CSS **(4 marks)**	CSS is not valid, well-formatted and organized. (0 - 0.75 marks)	CSS is mostly valid, well-formatted and organized. (1 - 2 marks)	CSS is valid, well-formatted and organized. (3 - 4 marks)
Spacing & Sizing **(4 marks)**	Margin and padding are not applied or not effectively applied. Sizing units used are not the most effective options. (0 - 0.75 marks)	Developer adds margin, padding and borders somewhat effectively. Elements are somewhat appropriately sized and use appropriate units. (1 - 2 marks)	Developer effectively adds margin, padding and borders to enhance visual design. Elements are appropriately sized using appropriate units. (3 - 4 marks)
Colours & Backgrounds **(11 marks)**	Background and colours are somewhat integrated. Design choices interfere with readability and accessibility. (0 - 3 marks)	Background and colours are integrated in order to enhance visual appeal and maintain accessibility. (4 - 7 marks)	Background and colours are integrated in order to enhance visual appeal and maintain accessibility. Developer has gone above and beyond to enhance the user interface. (8 - 11 marks)
Typography **(11 marks)**	Custom fonts are not included. The display and flow of text is not implemented in CSS. (0 - 3 marks)	Developer utilizes at least two complementary custom fonts to enhance interface. Fonts are sized using modern units. (4 - 7 marks)	Developer utilizes at least two complementary custom fonts to enhance interface. Fonts are sized using modern units. (8 - 11 marks)

Creativity **(4 marks)**	Creative element or effect missing/not implemented. (0 - 0.75 marks)	Developer has attempted to enhance user interface. Creativity is somewhat evident. (1 - 2 marks)	Developer has effectively utilized a creative element in order to enhance the user interface and user interaction. (3 - 4 marks)

Assignment Due Date:

Tuesday, June 20th @ 11:59pm (Tuesday Class - Section 02)
Wednesday, June 21st @ 11:59pm (Wednesday Class - Section 01)

Lab Weight:

10% of final grade

Submission Details:

Please submit the following:

1. a link to your Github Repository for this assignment
2. A link to your published page (using Github Pages or Netlify)

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This assignment is to be completed independently. Please ensure that any work you submit is your own unique and independent work. Work submitted that is found to be

not your own unique, and independent work will be subjected to a grade of 0 and considered to be academic misconduct.