CS212: Web Programming – Spring 2019

Homework	Points	Announced	Due
#4	20[1]	Feb-11	Feb-15

Introduction

In this homework, we will practice creating CSS stylesheets. CSS is concerned with styling of HTML elements including colors and fonts.

References

1. Chapter 3 of the textbook; Web Programming Step by Step
2. CSS: Cascading Style Sheets; MDN Web Docs
3. CSS Reference; W3Schools

General Guidelines

Read the following guidelines carefully before working on this assignment.

1. This is an *individual* homework assignment. You may discuss ideas, ask questions or explain things to your colleagues. Nevertheless, you should solve the problem(s) independently.
2. You should submit your *own work*. Material brought from elsewhere (e.g. the Internet[2], a classmate, submission at a previous offering…) is not acceptable.

Submission Instructions

1. Submissions via email will not be accepted. The homework should be submitted via BBLearn by the due date.
2. For question #1, upload index.html, index.css and any other files needed for your page such as images, to your CEFNS/CEIAS homepage inside a folder named hw4. If your CAS ID is id123, then navigating to (https://cefns.nau.edu/~id123/hw4) should display your index.html file. Also, submit index.html, index.css and any other files your page uses such as images, via BBLearn *and* include the link of your hw4 folder in the submission comment box. You may compress your files and upload a single archive. Only .zip archives are allowed.

Questions

[20 points] Question #1
You will change the visual appearance of the personal web page that you have developed in homework 2 by using *external* CSS rules. Your CSS should introduce the following changes:

a. The line with your name should be bold, centered, and twice as big as the browser default font size. *Don't use HTML formatting elements*.
b. Use a small image as the page background. The image should be repeated horizontally and vertically to cover the entire page background.
c. The hyperlinks should not be underlined by default. When the mouse pointer hovers over a link, the underline should appear (Hint: lookup CSS "pseudo-classes")
d. Make all paragraphs start with a drop-cap. A drop-cap is a large initial letter that is 1.5 times the normal paragraph font size (Hint: lookup CSS "pseudo-elements")

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[1] The homework will be graded out of 20 points, but it is worth 2% (i.e. 2 points) of the overall course score.
[2] Unless explicitly asked to do so.

e. Make the text of all list items alternate between two different colors (Hint: lookup CSS "pseudo-classes")

Hints:

- Avoid using tags/attributes that are deprecated in HTML5

Grading Rubric	
Component	**Points**
Implementing requirement a	4
Implementing requirement b	4
Implementing requirement c	4
Implementing requirement d	4
Implementing requirement e	4
Page is inaccessible via CEFNS/CEIAS URL	-4

With best wishes

Dr. Mohamed Elwakil