

CS 1100: Web Development: Client-Side Coding / Fall 2016

Assignment 5: Styling!

Due: Sunday, September 25, 2016, by 11:59 p.m.

Assignment Description

The purpose of this assignment is to practice essential layout concepts. You don't need to write any HTML: you are given an HTML document and a screenshot of what it should look like after styling. Your task is to come up with appropriate CSS code so the provided HTML document matches the screenshot.

Step 1. Initial setup

Download the provided file and screenshot. Create a new stylesheet, `style.css`, and make sure you place it in the same folder as the `index.html` file.

Step 2. CSS requirements

Your task is to come up with CSS code so that `index.html` matches the screenshot. Following are specific requirements:

Everything

1. the font is sans-serif
2. background color: `#f0d7be`

Top "ribbon" menu

3. always "fixed" to the top of the screen regardless of user scrolling
4. background color: `#333333`
5. spans the whole width of the screen
6. the menu links are in the center
7. the menu links are displayed in a line (horizontal)
8. the size of the font is `0.8em`
9. the whitespace between each link is `3em` (hint: divide this in half before assigning the value)
10. the whitespace between the links and the top/bottom of the ribbon is `0.5em`
11. the menu links are white
12. the menu links are not underlined
13. when the mouse cursor moves over the link, the color changes to red

Header

14. background color: `#3f5d8f`
15. the whitespace between the text and the top of the screen is 50 pixels
16. the whitespace between the text and the left edge of the screen is also 50 pixels
17. the whitespace between the text and the bottom of the header is 10 pixels
18. the text is white
19. the size of the font of "First Solar..." is `2em`
20. the size of the font of "Hosted by..." is `1em`
21. The text "hosted by..." is italicized
22. The text "hosted by..." should start under the letter "t" of the text above it (as per screenshot)

Sidebar and main content area

23. the whitespace between these areas and the header, the browser window, and between each other is 20 pixels
24. background: #e6e9f4
25. both have a 1 pixel border
26. border color: navy
27. border radius: 10 pixels

Sidebar

28. the sidebar is 200 pixels wide + 10 pixels whitespace (padding) on all sides
29. the color of the links is #0050ff
30. there is 10 pixels of whitespace between the links
31. the links are not underlined
32. when the mouse cursor moves over the link, the color changes to orange

Main content area

33. the area does not "wrap-around" the sidebar (as per screenshot)
34. the whitespace between the content and the border is 30 pixels
35. the color of the headings is #3f5d8f
36. the font of the headings is bold
37. the headings have a bottom margin which is 1em
38. the font size of the level-1 heading is 1.8em
39. the font size of the level-2 heading is 1.2em
40. paragraphs have a bottom margin which is 1em
41. the image is 400 pixels wide
42. the image has a 1 pixel white border
43. the figure (the element containing the image) is displayed on the right, with the text flowing around it (as per screenshot)
44. the figure's padding is 20 pixels (all sides)
45. the figure has a left margin and a bottom margin; both are 20 pixels
46. the figure's background color is #6e86c1
47. the figure caption text is white
48. the font size of the caption is 0.8em
49. free point! :-)
50. another free point! :-)

Submit your work

Submit your **style.css** file to eLearning. You do not need to submit anything else.

Grading

This assignment is worth **60 points** (which accounts for approximately **2.7% of your grade**).

- Your style.css must validate (**10 points**)
- Each CSS requirement is worth 1 point (**1 point x 50**)

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file:///home/sergey/Desktop/hw5/Index.html

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First Solar Conference on Time Travel

Hosted by the Solar Time Travelers Association

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- Directions
- Rent-a-Tardis

About the Conference

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