

Lab 6: Exam Preparation

Goals

This lab is based on a midterm exam from 2015. It's goal is for you to practice styling HTML and preparing for the upcoming midterm exam.

Description

The IDS program has decided to update the design of its homepage - to make the page cleaner and easier to read. Two files were created: index.html and style.css . Unfortunately, the style.css file has been lost, and all that is left are two screenshots of the new page look - the top and the bottom (the page was larger than one screen). Your task is to recreate the style.css file based on these screenshots.

Step 1

Download lab6.html **Do NOT change anything in this file.**

Step 2

Create a **style.css** file. Place it in the same folder as the index.html file. Create the styles, so that index.html looks exactly like the screenshots. **You need to submit only your style.css file.**

Requirements

(use these as a step-by-step guide)

Definitions of the main areas:

Header: the top of the page with the purple and gold background

Main: the central part of the page with the white background

Footer: the bottom of the page with the purple and gold background

The entire page

1. The color of the page background is #412A69 (it's the dark blue color on the left and right)

Header

2. The background is purple
3. The header spans the entire width of the screen (there's no spacing between the purple and the browser window)
4. There is a horizontal gold line, 5 pixels thick, separating the purple from the rest of the page
5. The color of the text is white
6. The font for "Interactive Digital Studies" is "Sigmar One" (you will find it on Google Fonts)
7. The size of the font for "Interactive Digital Studies" is 30 pixels
8. The font for "at UNI" is sans-serif
9. The size of the font for "at UNI" is 20 pixels
10. There is some space around the text
11. The text is center-aligned

Main

12. The background of the center area is white
13. The width of the area is 800 pixels

14. The area is centered
15. The white space around the area's content is 20 pixels
16. All the header elements (levels 1 through 3) are purple
17. The level-1 header element is centered
18. The font is serif, the color is black

Main: Top menu

19. The color of the menu background is #412A69
20. The links are centered
21. The links are white
22. The links are not underlined
23. The font is sans-serif
24. The text is boldfaced
25. When the mouse moves over a link, the link becomes red
26. The white space around the menu links is 20 pixels
27. The distance between links is 40 pixels
28. The menu is horizontal; this cannot affect other lists on the page

Main: Bundle table

29. Like the rest of the text, the table spans the entire width of the white area
30. The links are centered
31. The links are white
32. The links are not underlined
33. The font is sans-serif
34. The text is boldfaced
35. The size of the font is 22 pixels
36. The white space around the links is 20 pixels
37. The text is uppercased
38. The background color for advertising is blue
39. The background color for computation is green
40. The background color for imaging is orange
41. The background color for music is pink
42. The background color for writing is maroon
43. The background color for visualization is navy
44. When the mouse moves over a TABLE CELL, the TABLE CELL's background becomes red. The link itself doesn't change

Footer

45. The background is purple
46. The footer spans the entire width of the screen (there's no spacing between the purple and the browser window)
47. There is a horizontal gold line, 5 pixels thick, separating the purple from the upper part of the page
48. The color of the text is white
49. There is some space around the text (i.e., it's not too close to the gold line and the edge of the browser window)
50. The text is center-aligned

A few hints

- The <body> has a margin by default. It may get in your way unless you change it

- Borders can be applied to the whole element, or to one side only
- The mouseover effect (one of the pseudo-elements) can be applied to any element - not just a hyperlink
- "white space" means empty space - i.e., it doesn't refer to any particular color

Almost Done!

Make sure your code validates. Go to this web page https://jigsaw.w3.org/css-validator/#validate_by_upload . Upload your **style.css** file and check it for errors. If you see any errors, check your code: you must have made a typo or missed a character. Repeat until there are no errors.

Final step: Submit your lab

Submit your **lab6.html** and your **style.css** files to eLearning (course content > labs > lab 6).