

PSG COLLEGE OF TECHNOLOGY, COIMBATORE – 641 004
Department of Applied Mathematics and Computational Sciences
MSc SOFTWARE SYSTEMS – Semester II
18XW28 – Web Designing Lab
PROBLEM SHEET 4 – CSS3 Layouts & Positioning

Start Date: 21.01.2020

Complete Date: 28.01.2020

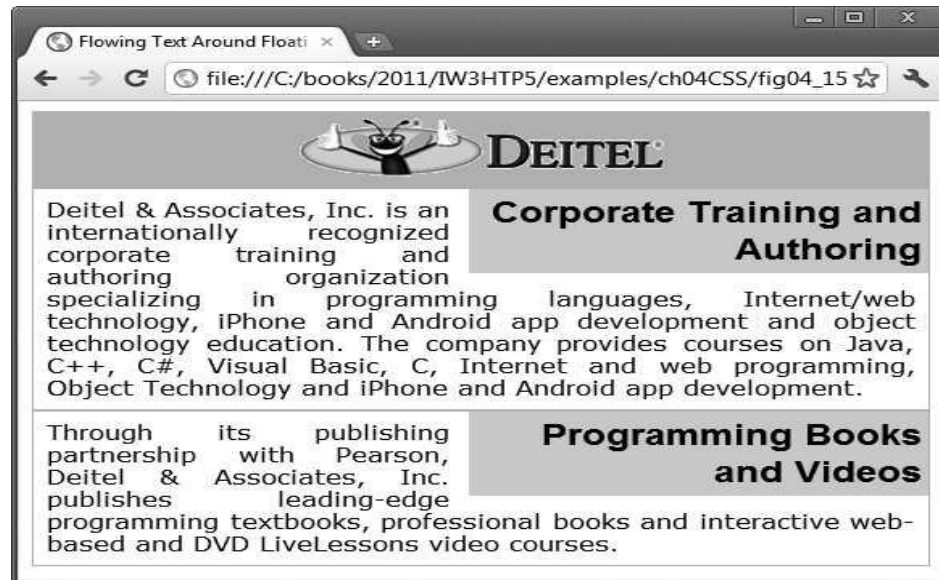
1. Make a layout template that contains a header and two paragraphs. Use float to line up the two paragraphs as columns side by side. Give the header and two paragraphs a border and/or a background color so you can see where they are.
2. Design a web page with four paragraphs. Apply a different border style and background to each paragraph using CSS code.
3. Write a CSS rule to design a web page layout as shown below:



4. Use CSS code to create the following page: The page contains the following text – “Now paragraphs can have a border of their own”. The text should be positioned 100 pixels from the top and 40% from the right margin of the browser. The font is “Times Roman” in italics, the letter size 30 pixels and the color ABCDEF(h). The text is enclosed on all sides by a grooved border with the colors CC99CC, 99CCCC, CCCC99, C9C9C9 starting from the right border anti-clockwise respectively. The corresponding border thickness are 5 pt, 10 px, 2 cm, 1 in. The letter spacing should be 2 pixels and there should be a horizontal line through it.
5. Create three *div* elements, each with a *width* and *height* of 100px. On the first element, create slightly rounded corners using a *border* of 3px black and *border-radius* of 10px. On the second element, use a *border* of 3px black and increase the *border-radius* to 50px. On the third, use a *border* of 3px black and increase the border-radius to 100px. Make the

background-color of each element a different color of your choosing. Inside each element, display the value of the *border-radius* in bold text.

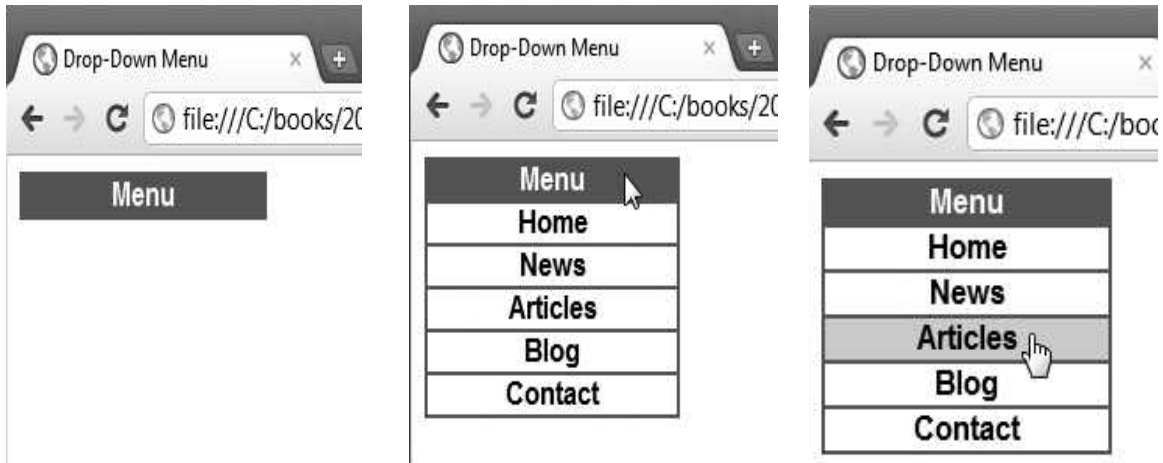
6. Write the CSS rule to design page layout as shown below:



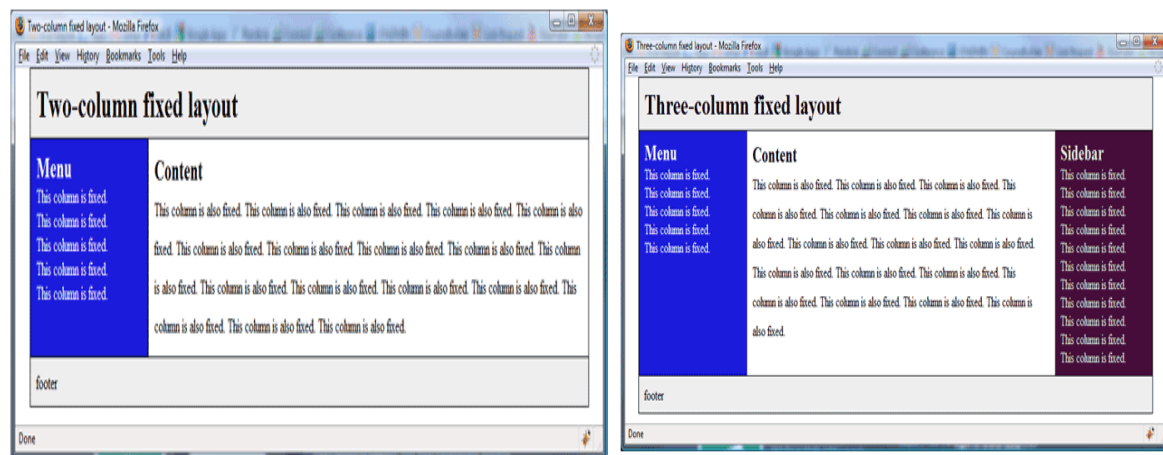
7. Create three *div* elements of varying colors, each with a *width* and *height* of 200px. On the first box, add a dimgrey *box-shadow* with a horizontal offset of 15px, a vertical offset of 15px and a blur radius of 20px. On the second box, add a dimgrey *box-shadow* with a horizontal offset of -15px, a vertical offset of -15px and a blur radius of 30px. On the third box, add a dimgrey *box-shadow* with a horizontal offset of 15px, a vertical offset of 15px and a blur radius of 10px.
8. Write the CSS code to reproduce the following table using CSS positioning instead of `<table>` tag.

Column 1	Column 2	Column 3
A numbered list: <ol style="list-style-type: none"> 1. Able 2. Baker 3. Charlie 4. Delta 5. Echo 	B	C
	An unnumbered list: <ul style="list-style-type: none"> • Pounds • Dollars • Euro • Yen • Roubles 	

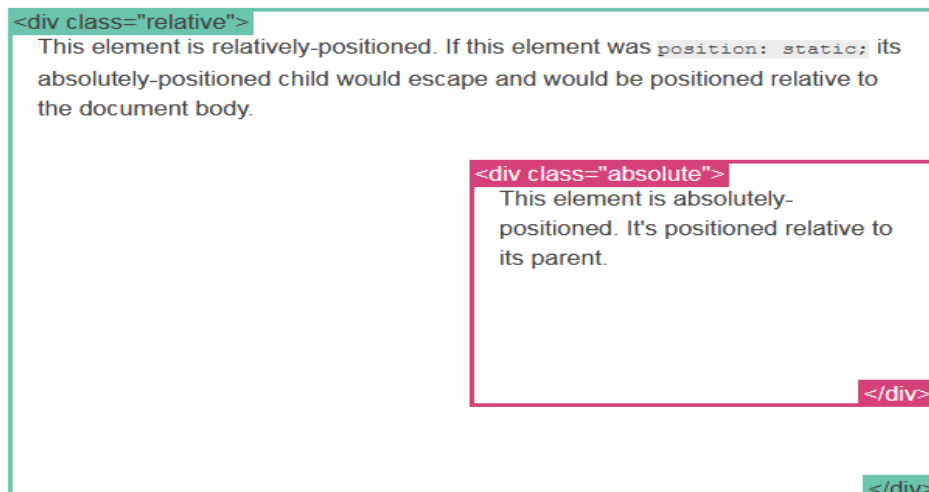
9. Write the CSS code to design a drop-down menu as shown below.



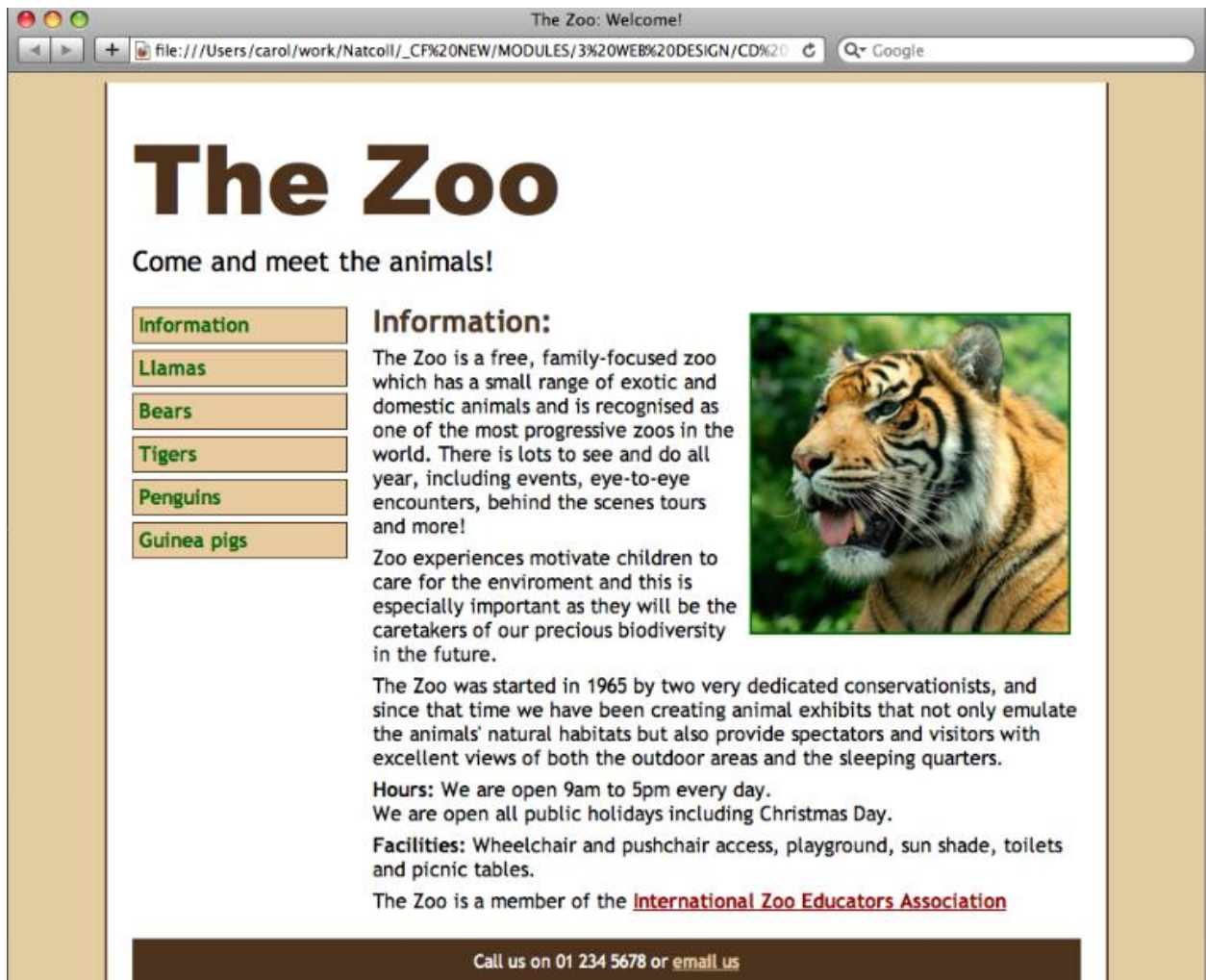
10. Write the CSS rule to display the content in a web page with two-column and three-column layout as shown below



11. Write the CSS code for the below output.



12. Write a CSS code to design a web page as shown below using layout and positioning rules:



Web Resources:

1. <http://learnlayout.com/position.html>
2. https://www.w3schools.com/css/css_positioning.asp
3. https://www.w3schools.com/css/css_website_layout.asp
4. <https://internetingishard.com/html-and-css/css-box-model/>
5. https://www.w3schools.com/css/css_boxmodel.asp