

**Department of Computer Science  
City University of Hong Kong  
CS2204 Fundamentals of Internet Application Development  
Tutorial 7**

**Learning Outcomes:**

- Able to use CSS to control the layout of a document
- Able to distinguish and set fixed and liquid layout

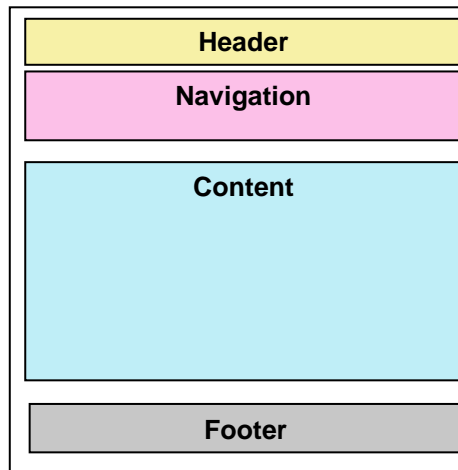
To ensure the quality of your work, validate your CSS with the W3C CSS Validation Service <http://www.css-validator.org/> and test your web pages with IE as well as Firefox.

Download two files from Canvas tutorial7.html and tutorial7.css, which are a HTML document and a style sheet respectively.

a) Redesign the page as follows, name your new style sheet as t7a.css and new page as t7.html:-

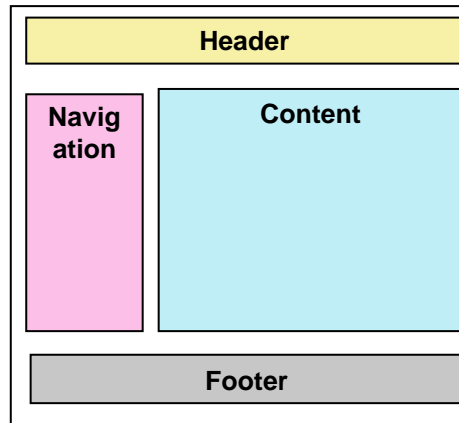
- Set the HTML document to the layout as specified below by modifying tutorial7.html to t7.html and change tutorial7.css to t7a.css.
- The background colors are: Header (#FFFFCC), Navigation (#FFDFFF), Content (#CEFFFF) and Footer (#F5F5F5)
- How to get rid of the space between the sections?

**Page Layout Design**



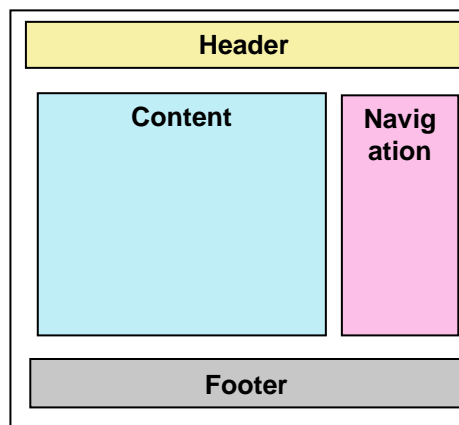
b) Redesign the page as follows, using a new style sheet as t7b.css without changing t7.html:-

- The header is on the top of the page.
- The navigation menu is on the left hand side of the page. Its width is 20% of its parent.
- The content is on the right hand side of the page.



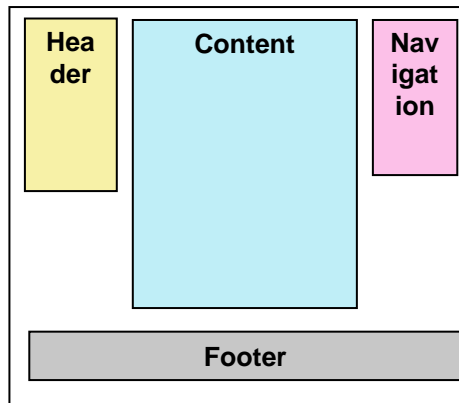
c) Redesign the page as follows, using another new style sheet as t7c.css:-

- The header is on the top of the page.
- The content is on the left hand side of the page.
- The navigation menu is on the right hand side of the page. Its width is 20% of its parent.
- The whole page is fixed layout, you could choose your own size



d) Redesign the page as follows, using another new style sheet as t7d.css:-

- The header, content and navigation are in 3 columns.
- The header and navigation both are 20% in width of its container.
- The whole page is fixed layout, you could choose your own size



You should reuse t7.html for all the three .css style sheets. You style sheets should be tested by changing the link only.

Hint: review the lecture slides, consider using margin, padding etc., for viewing precise layout, you may consider using borders for all your sections and take them away after testing.

~ End ~