ECS417 Lab sheet for week 2

Before doing the exercises, you should familiarise yourself with the student web server "webprojects" (https://webprojects.eecs.qmul.ac.uk/info/).

1. Log on to linux on a computer in the ITL ground floor.
2. Go through the instructions on how to use the web server at
   https://webprojects.eecs.qmul.ac.uk/info/
3. Test your web account by typing in
   http://webprojects.eecs.qmul.ac.uk/your_log_in_name/ at the address bar of your browser (replace "your_log_in_name" with your EECS login, for example, aa300). If it is not working (e.g. you get a "server not found" message), ask any of the teaching assistants for help immediately.
4. Launch **KDE: Konqueror** from the Applications->Internet menu; type in the address (webdavs:// webprojects.eecs.qmul.ac.uk/your_log_in_name/) in the Location textbox.
5. A window will pop out to ask you to input your login name and password.
6. After you log on, you can see your directory on the webprojects server (there will only be a single directory called logs when you log on for the first time).
7. Open a new window of Konqueror (ctrl+n). Now you will be able to copy files between you local drive and your student web server directory through "drag and drop".

You should also choose from the two XHTML text editors available on your machine. You can use either xemacs or gedit:

- For xemacs:
  i. Open a terminal window, type in xemacs, and press the ENTER/RETURN key to launch it.
  ii. On the xemacs menu, go to File->Open to open a XHTML file.
  iii. If syntax highlighting is not automatically on, in your xemacs window, Go to Options->syntax highlighting, and check the "In This Buffer" box to highlight the syntax.
- For gedit:
  iv. On your desktop menu go to Applications-> Text Editor to launch gedit, which will do the syntax highlighting for XHTML automatically.

Exercise 1

1, Download the file helloWorld.html from the course web page (the same place where you downloaded this lab sheet from), and save it on your local drive (e.g. desktop).

2, Copy helloWorld.html to your directory on webprojects.

3, Display it in a web browser using the URL
http://webprojects.eecs.qmul.ac.uk/your_user_name/helloWorld.html

Exercise 2

1, Create a simple XHTML Web page using a text editor, and view it from your Web browser. This web page should display "my three paragraphs" on the title bar and

three paragraphs (each paragraph should only contain a few words or text) in the browser display window. Write the XHTML markup so that there is more vertical space between the second and third paragraphs than there is between the first and second.

2, Make your document accessible to others by putting it on the student web server. Make sure that you can view it from your web browser. Also take a look at your access log.

3, Validate your document using one of the following two validators:
- http://validator.w3.org/file-upload.html
- http://www.htmlhelp.com/tools/validator

Exercise 3

Write XHTML markup that displays the following line:

The lecturer said: "We have a pair of variables <a, b> where a>b".

Exercise 4

1, Write a short XHTML document that demonstrates the six different heading elements and that also include normal paragraph text. Compare the fonts used for the various headings with the default font used for paragraph text in your web browser.

2, Check the preference/options under your browser menu and see how you can change the default font used for text in the display window.