**COMP1710 Lab 8: Choice of Remedial or Advanced Topic**

**Remedial**: Pick 3 or 4 aspects of your assignment 1 or 2 to improve and focus on that during the lab, with the help of the tutors and other students.

**Advanced**: Turn your website into an epub, for use on eReaders.

1.     Copy your website onto the Desktop of your own machine.

2.     Review the introduction to Calibre from <http://www.calibre-ebook.com/demo#tour> and then the “How to Convert HTML to ePub” at <https://www.youtube.com/watch?v=766J3Z7FmrY> video on YouTube to get a quick pointer to using Calibre to convert your website.

3.     Open Calibre – try the latest version from <http://calibre-ebook.com/download> - if you download, it will ask you if you want to run it as it has been downloaded

a.     Calibre will ask for a ‘library’ to use or will set one up. This library is essentially just a folder which Calibre will store files and metadata.

b.     Drag and drop your index.html into Calibre’s main window.

c.     Use the “convert books” button to create an epub

d.     Find the epub in the Calibre folder and open it to check how it worked (on a Mac it will open in iBook)

e.     You will need to add a cover image to replace the one Calibre made, and may need to tweak the contents to get it to display properly. For example, you may need to put page breaks in etc. Ideally, you will be able to do this so the *same* html code is used for both the website and the epub version.

f.      You will most likely need to modify the table of contents.

4.     You can use any text editor: change the .epub extension to .zip and unzip the folder, then you can edit the files. When you zip it up again, change the .zip back to .epub and its now an epub again.

5.     Resources: here are some web pages I found which may be useful:

a.     [How to Make Ebooks #3. Medium Level: Calibre & Sigil.](http://www.rudyrucker.com/blog/2012/05/03/do-it-yourself-ebooks-3-medium-level-html-styles/)

b.     [Calibre Help](http://calibre-ebook.com/help), includes ebook creation tutorials

c.      [Ebook Formatting Tutorial](http://amalthia.mediawood.net/tutorials/ebooks/index.html), uses rtf as intermediate format, shows how to add extra css in Calibre

6.     Post your tips and suggestions and what worked or didn't to the Piazza forum.

7.     Consider whether for Assignment part 3 you would like to:

a.     Use your ePub as your ‘Something Original’; you will need to include a short write up on how you created it, or instead

b.     Create a new ePub css style as your ‘Alternate CSS’ element.

(You can only claim one or the other for marks but not both.)