DT228/1 Programming Lab Test #3

Date: Tuesday, April 16th, 2013 (9.30am – 10.30am)

Requirements:

The 30th Olympic Games were held in London, UK during July and August, 2012. The details for all athletes competing in these games are available on the official web site.

Design a structure template to hold the following athlete details of those competing in these games:

- Surname
- Firstname
- Date of Birth
- Nationality
- Event
- Weight (Kg)

Using the structure template in part (a) above, write a program to do the following:

(i) Enter the details of 2 athletes competing in the Discuss event.
(ii) Calculate the weight of the athletes entered in part (i) above in pounds (lbs.) using the formula:

$$1 \text{ lb} = 0.45 \text{ Kg}$$

and display

(iii) Display the details of the 2 athletes entered.

Submission details:
1.   Name your program: labtest3.c
2.   Submit your program using the labtest listed in the Programming module in Webcourses. This must be submitted on or before 10.30am today in this lab.
3.   Extra marks will be awarded for well written code (comments, indentation, whitespace, good use of brackets, etc.,).

NB - This is an individual lab test and **NOT** a group one. Any student discovered copying or communicating in any way (electronic, verbal, or otherwise) will immediately fail the lab test and reported to management in the School of Computing. Do your own work!! Please :)