

DT211C/1 Programming Lab Test #2

Date: **Monday, December 4th, 2017 (3.30pm – 4.30pm)**

Requirements:

Given the following arrays:

```
float gallons[5];  
float miles[5];  
float mpg[5];
```

Write a program, **using pointer notation only**, to do the following:

1. Enter values into the **gallons** array and **miles** array.
2. Calculate and fill the **mpg** array using the values contained in the **gallons** array and **miles** array with the formula:

$$\text{mpg} = \text{miles} / \text{gallons}$$

3. Display the contents of the **mpg** array.

Submission details:

1. Name your program: **labtest2.c**
2. Submit your program using the lab test listed in the Programming module in Webcourses. This must be submitted on or before **4.30pm 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 :)