Lab 3 OS 2 DT282/2

**Vi Editor**

Refresh your memory of the VI editor:

Good resource: http://www.smashingmagazine.com/wp-content/uploads/2010/05/VI-Help-Sheet-011.pdf

* Create a file called Betty using vi. The original contents of this file are

*Betty bought a bit of butter, but the bit of butter Betty bought was bitter. So Betty bought another bit of butter.*

* Next copy the above piece of text and make the following changes. Replace Betty with Mary- Butter with Batter and bitter with better.
* Save the file
* Using linux shell determine the number of characters in the phrase

**Write C programs to**

1: Count the number of vowels in a string using subscripts, which is entered from the keyboard.

2 Rewrite the above program using pointer arithmetic rather than subscripts to transverse the array

3 Write a program using functions that

* inputs 10 integers into an array; (1 function)
* passes the array to a function that prints the element (indices) numbers that contain even numbers and those that contain odd numbers. and returns the sum of the values in the array (1 function)