OS1 Lab 4.2   
Linux Command Line Review Exercises

## File and Text Exercises

Using Vim or the Google Cloud Shell editor, create a file called **capital.txt** with the following five lines:

Dublin is the capital city of Ireland.  
Ireland is viewed as the best country in the world by many people.  
Dublin has a population greater than 1 million people.  
There are many places to see and visit in Dublin.  
The largest university in Ireland is TU Dublin.

Using the editor, create a second file called **cities.txt** with the following contents:

Dublin  
Cork  
Belfast  
Galway  
Waterford  
Kilkenny

 Please complete the following exercises and write the commands you used as your answer:

1. Display the contents of the file **capital.txt**.

* answer:

1. Copy the contents of the files **capital.txt** and **cities.txt** into a new file **join.txt**.   
   Hint: *Use the cat command and redirection*.

* answer:

1. Display the count of the number of lines in the file **capital.txt**.   
   Hint: *Use the wc command and piping or redirection*

* answer:

1. Display the count of the number of words in the file **capital.txt**.

* answer:

1. Count and display just the number of bytes in the file **capital.txt**.

* answer:

1. Display a listing of the folders (and only the folders) in your home folder.   
   Hint: *Use the ls and grep commands and piping*.

* answer:

1. Display a listing of the files (and only the files including hidden files) in your home folder.

* answer:

1. Display the cities in the **cites.txt** file in sorted order.

* answer: