**Cloud Computing**

**Lab 1**

**Lab Summary:**

Installing a Ubuntu virtual drive on my laptop using Oracle Virtual Box and configuring the new virtual drive’s keyboard layout to the UK QWERTY format and checking for updates, testing out some simple commands and code to get a feel for Ubuntu and testing out some help features.

Also learning command line navigation, how to change our password, checking the various “man” help functions, checking out various command lines to understand how to check information and functions regarding the Virtual Drive and setting up GIT/Python on the Ubuntu shell.

**What I’ve learned:**

Though getting the Virtual Box to work again I’ve learned some new troubleshooting techniques and approaches on how to solve them.

Even having done coding in regard to Operating System module last year for Ubuntu using Virtual Box there were a lot of new command line functions that I’ve learned, namely the commands involving “sudo”, “man” and the Linux host characteristics.

Other commands I’ve learned are that you can install updates, setup GIT and Python form the command line as well.

**Problems:**

Virtual Box would not boot, even though last year I had already setup Ubuntu on Virtual Box using the same version required for this module.

My first troubleshoot to the problem was assuming that my disabling of the Oracle database services on my PC that I had accidently stopped an Oracle Process that was necessary for Virtual Box to run.

Upon further reading on the internet the only solution I could find was to reinstall Virtual Box, which worked.

When trying to load Ubuntu on Virtual Box, I was then presented with an error, which I managed to figure out was because of a conflicting file name with the virtual drive that was previously created.

After I deleted the previous virtual drive and then double clicked on the Ubuntu Virtual Box file again it then proceeded to work without problem.

**What went well:**

After getting the Virtual Drive finally up and running everything seemed to run smooth from there, with understanding most of the command lines and remembering some from last years’ work using Ubuntu.

Overall the took quite a bit of time to get through because of the problems I was initially having with setting up the Ubuntu Virtual Drive though Virtual Box, with the problems been related to moving from Windows 8 to 10 recently. Otherwise after fixing them problems the lab went quite smooth and setting up Ubuntu should no longer be a problem in the future.