OSYS 1000 Exercise 3

**UNIX**

# Instructions

**This exercise is a series of steps you will complete on the Mint Terminal interface. Therefore, you must have your virtual machine installed as per the “Linux Mint 19.0 Installation” video.**

1. Using either the terminal help commands (**man** and **info**) or just the Internet research the following new Linux commands:
   1. **locate**
   2. **find**
2. Add a new shell to your system that is not already installed. Some ideas would be **zsh** or **tcsh**.
3. Start a script file recording with the **script** command:

e.g. script mikec\_exercise3.txt

1. Demonstrate the ability to use the **locate** command to:
   1. find all files with “fstab” in their names on the whole file system.
2. Demonstrate the ability to use the **find** command to:
   1. find all files with “syslog” in their names in the /var directory.
   2. find all files greater than 64k in size in the /etc directory.
   3. find all files modified less than 15 minutes ago in the /var directory.
   4. find all directories (only directories) in the /boot directory.
3. Switch to your newly installed shell from step 2 and demonstrate that you can run some commands within that shell before returning to the bash shell with a single **exit** command.
4. Stop the script recording with a second **exit** command.
5. Display your script file with the **cat** command to make sure that it captured all of your desired output.
6. Post the script recording file to the D2L Dropbox for the third in-class exercise in order to obtain credit for completing it.
7. That’s it.