OSYS 1000 Exercise 6

**UNIX**

# Instructions

**This exercise is a series of steps you will complete on the newly installed CentOS VM, which of course means using the Terminal interface as that is all we have. Therefore, you must have your virtual machine installed as per the “CentOS Installation” video.**

1. Using either the terminal help commands (**man** and **info**) or just the Internet research the following new Linux commands:
   1. **su**
   2. **parted**
   3. **systemctl**
   4. **lynx (will need installing)**
2. Start a script file recording with the **script** command:

e.g. script mikec\_exercise6.txt

1. Demonstrate the ability to use all of the commands in Part 1 in a meaningful way:
   1. try running the **parted** command to display the current partitions ->parted->print
      1. only to output/print partitions, not to change anything
   2. use the **su** command to become the root user: -> su -> parted->print
      1. do so in a way that automatically moves you to root’s home folder
      2. be wary of running commands as root as it is dangerous
   3. try running **parted** again as root to output the partitions
   4. report the status of the network service ->systemctl status network
   5. bring the network service down ->systemctl stop network
   6. try opening [www.ebay.ca](http://www.ebay.ca) using **lynx ->lynx http://www.ebay.ca**
   7. bring the network service back up ->systemctl restart network
   8. try opening [www.ebay.ca](http://www.ebay.ca) using **lynx**
   9. stop being the root user and go back to being your regular user
      1. do **not** use the **su** command for this ->exit
      2. remember that using su to become a new user is a “special session” in the terminal and we have a way of stopping special sessions
2. Stop the script recording with an **exit** command.
3. Display your script file with an appropriate command to make sure that it captured all of your desired output.
4. Post the script recording file to the D2L Dropbox for the sixth in-class exercise in order to obtain credit for completing it.
5. That’s it.