OSYS 1000 Exercise 17

**UNIX**

# Instructions

**This exercise is a series of steps you will complete on your 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.**

Search : sed -n /DHCP/p /var/log/messages

Delete : sed /DHCP/d /var/log/messages

Substitute : sed s/DHCP/HIDDEN/g /var/log/messages -> for checking grep HIDDEN

What operation to perform(p(search)/d(delete)/s(substitute))? d

-if s (What string to substitute? HIDDEN

Which string to find? DHCP

Which file to search? /var/log/messages

1. You will be creating an executable script file on top of the **sed** command. It will allow the user:
   1. to specify what type of operation they want **sed** to perform (either printing matching lines, excluding matching lines, or replacing some text with other text)
   2. to specify the text to “match” on
   3. to specify what file they wish to perform the processing on
2. The user configurable information above can be either command line arguments or request for input, it is up to you.
3. Create a new executable script file called “ex17.sh”.
4. Have a comment at the top of the script marking yourself as the author.
5. In addition to the description of the script in the top two steps, it must somehow accept user input for substitute text as well, but only if substituting.
6. Make sure the ex17.sh file completely works as intended. Seek clarification, if necessary.
7. Post the executable script file to the D2L Dropbox for the seventeenth in-class exercise in order to obtain credit for completing it.
8. That’s it.