OSYS 1000 Exercise 9

**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. Create a new executable script file called “ex9.sh”.
2. Have a comment at the top marking yourself as the author.
3. The script file will focus on both user input and command line switches/options (such as “-p” or “–a”) to wrap the UNIX **find** command in a useful utility.
4. . The script will be run in the following ways when given options:
   1. ex9.sh –s 64k (will search for a file at least 64k in size)
   2. ex9.sh –n snoopy (will search for files with snoopy in the name)
   3. ex9.sh –x (will give an error for wrong option if not –s or –n)
5. The script will also:
   1. ask the user to input the directory to search
   2. ask the user to enter a file name to write the file list to (i.e. the results) of the search)
   3. have a comment at the top with a description of everything the script does
6. Make sure that the script file is executable and in your PATH.
7. Test your script file and make sure it runs correctly.
8. Post the executable script file to the D2L Dropbox for the ninth in-class exercise in order to obtain credit for completing it.
9. That’s it.