OSYS 1000 Exercise 8

**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. Research the following new commands and/or shell script concepts:
   1. **Tput : tput setaf 1~10(1 red, 3 yellow, 4 blue, 5 purple, 7.8 white 9,10 green**
   2. **$?**
2. Create a new executable script file called “ex8.sh”. vim bin/ex8.sh
3. Have a comment at the top marking yourself as the author.
4. The script file will be very simple. It will output a sentence of the following format:
   1. “The [noun1] [verb] the [noun2]”, with [noun1], [verb], and [noun2] coming from the first three command line arguments.
5. So if we run the script as follows:
   1. **ex8.sh dog ate homework,** we will get “The dog ate the homework”.
6. The script will also:
   1. output part of the message in a different color font

tput setaf 1; echo “this is red”

* 1. add a little error checking to your script
     1. you might need to add something that can produce an error
  2. have a comment at the top with a description of everything the script does

1. Make sure that the script file is executable and in your PATH.
2. Test your script file with three arguments and make sure it runs correctly.
3. Post the executable script file to the D2L Dropbox for the seventh in-class exercise in order to obtain credit for completing it.
4. That’s it.