# Bash Script Exercises

### Exercise1

Write a shell script that prints “Shell Scripting is Fun!” on the screen

### Exercise2

Modify the shell script from exercise 1 to include a variable. The variable will hold the contents of the message “Shell Scripting is Fun!”

### Exercise3

Store the output of the command “hostname” in a variable. Display “This script is running on \_.” where “\_” is the output of the “hostname” command.

### Exercise4

Write a shell script to check to see if the file “file\_path” exists. If it does exist, display “file\_path passwords are enabled.” Next, check to see if you can write to the file. If you can, display “You have permissions to edit “file\_path.””If you cannot, display “You do NOT have permissions to edit “file\_path””

### Exercise5

Write a shell script that displays “man”,”bear”,”pig”,”dog”,”cat”,and “sheep” on the screen with each appearing on a separate line. Try to do this in as few lines as possible.

### Exercise6

Write a shell script that prompts the user for a name of a file or directory and reports if it is a regular file, a directory, or another type of file. Also perform an ls command against the file or directory with the long listing option.

### Exercise7

Modify the previous script to that it accepts the file or directory name as an argument instead of prompting the user to enter it.

### Exercise8

Modify the previous script to accept an unlimited number of files and directories as arguments.