Practice Exercises

Exercise 1: Write a shell script that prints "Shell Scripting is Fun!" to the screen.

Exercise 2: Modify the shell script from exercise 1 to include a variable. The variable will hold the contents of the message "Shell Scripting is Fun!".

Exercise 3: Store the output of the command "hostname" in a variable. Display "This script is running on _____." where "_____" is the output of the "hostname" command.

Exercise 4: Write a shell script to check to see if the file "/etc/shadow" exists. If it does exist, display "Shadow passwords are enabled." Next, check to see if you can write to the file. If you can, display "You have permissions to edit /etc/shadow." If you cannot, display "You do NOT have permissions to edit /etc/shadow."

Exercise 5: Write a shell script that displays "man", "bear", "pig", "dog", "cat", and "sheep" to the screen with each appearing on a separate line. Try to do this in as few lines as possible. Hint: Loops can be used to perform repetitive tasks.

Exercise 6: 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 other type of file. Also perform an ls command against the file or directory with the long listing option.

Exercise 7: Modify the previous script so that it accepts the file or directory name as an argument instead of prompting the user to enter it.

Exercise 8: Modify the previous script to accept an unlimited number of files and directories as arguments. Hint: You'll want to use a special variable.