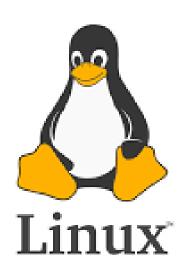
# LINUX ASSIGNMENT

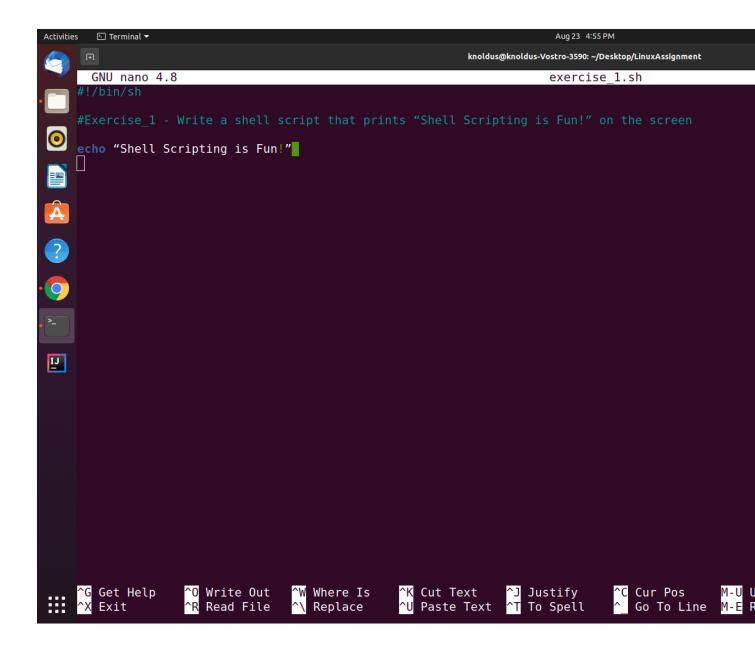


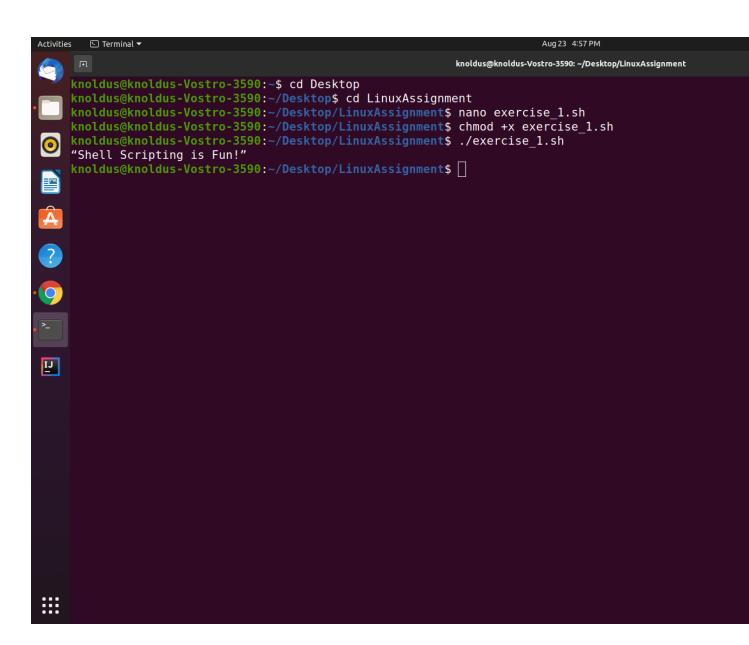
Submitted By:
Gulshan Singh
Employee ID - 1614

#### Exercise\_1 - Write a shell script that prints "Shell Scripting is Fun!" on the screen

### Solution: Code

#!/bin/bash echo "Shell Scripting is Fun!"

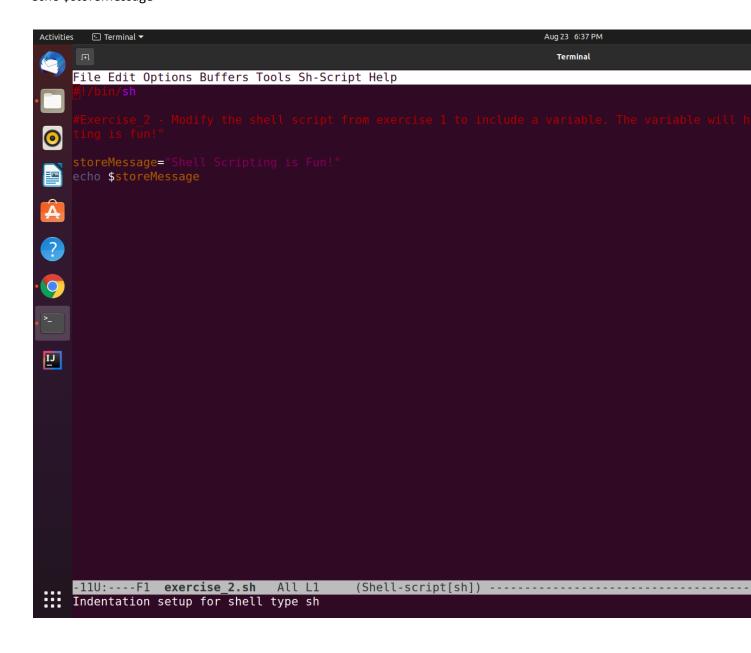


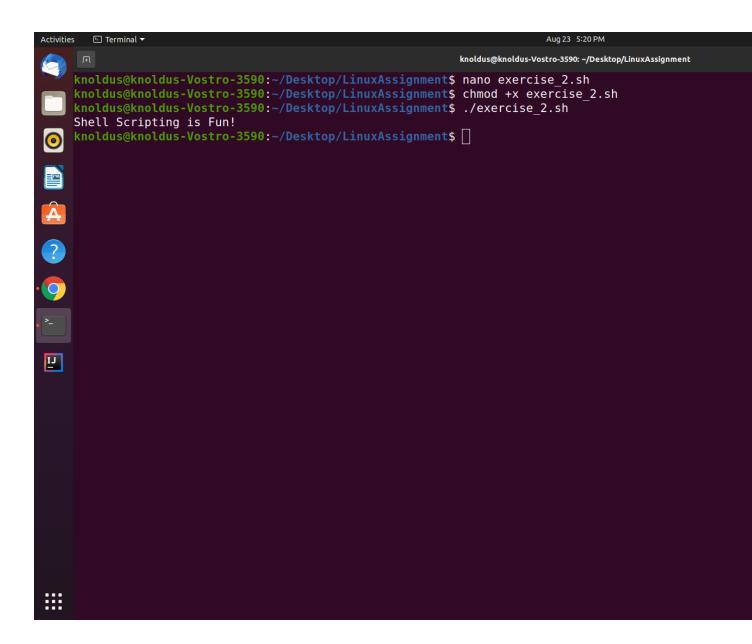


# Exercise\_2 - Modify the shell script from exercise 1 to include a variable. The variable will hold the contents of the message "Shell Scripting is Fun!"

## Solution : Code

#!/bin/bash storeMessage="Shell Scripting is Fun!" echo \$storeMessage

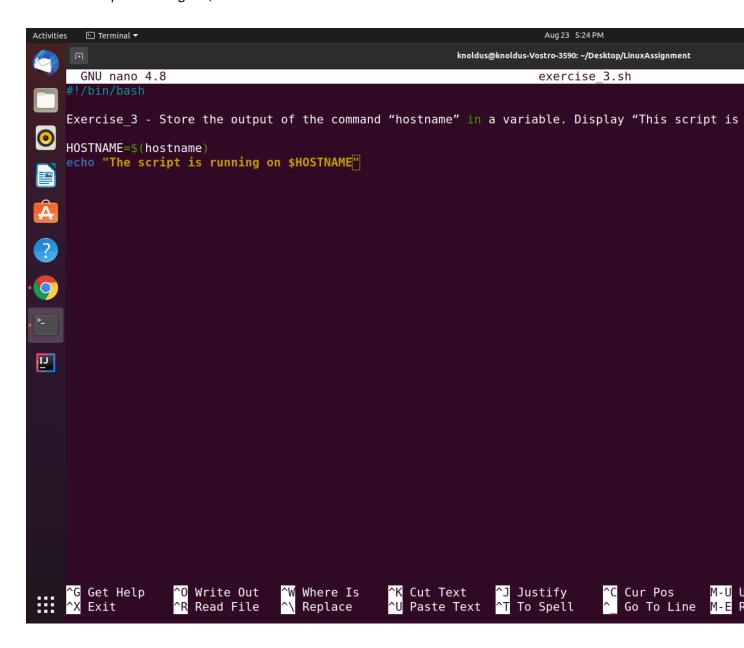


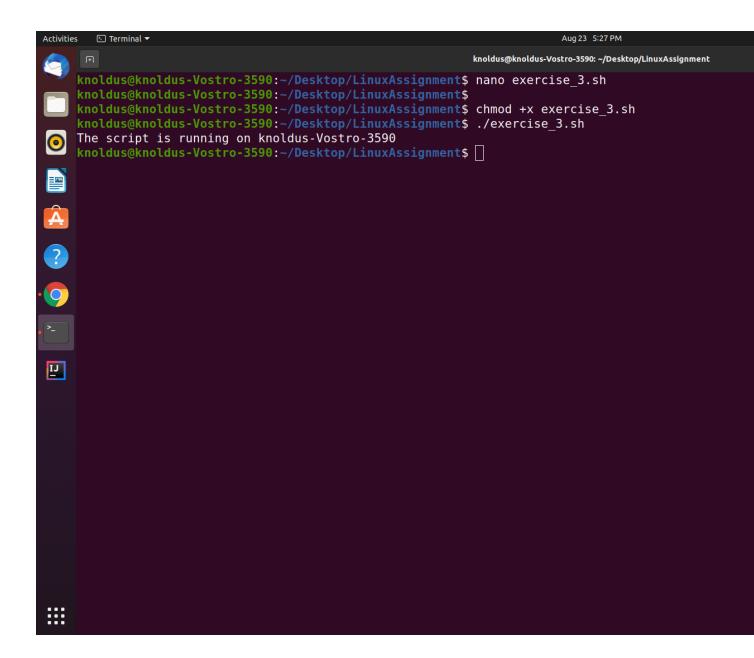


Exercise\_3 - Store the output of the command "hostname" in a variable. Display "This script is running on \_." where "\_" is the output of the "hostname" command.

### Solution: Code

#!/bin/bash
HOSTNAME=\$(hostname)
echo "This script is running on \$HOSTNAME"

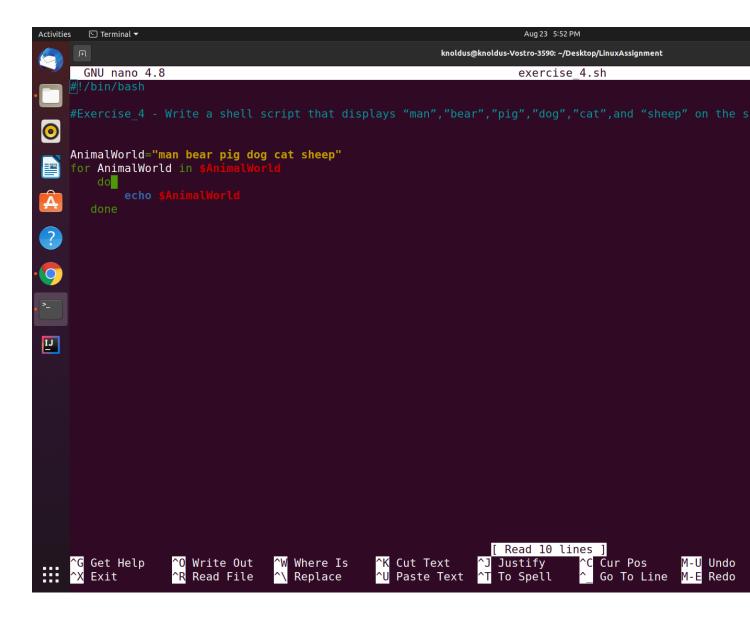


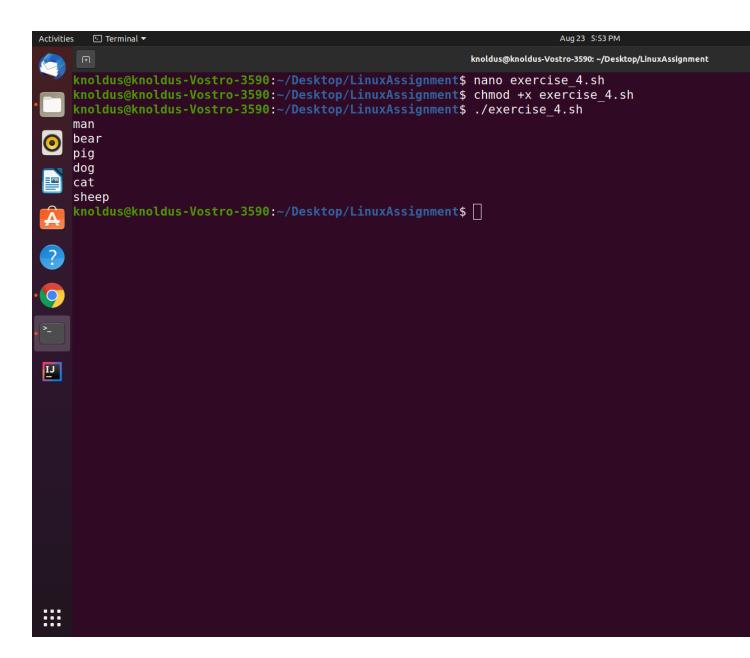


Exercise\_4 - Write a shell script that displays "man","bear","pig","dog","cat",and "sheep" on the screen with each appearing on a separate line. Try to do this in as few lines as possible.

#### Solution: Code

#!/bin/bash
AnimalWorld="man bear pig dog cat sheep"
for AnimalWorld in \$AnimalWorld
do
 echo \$AnimalWorld
done

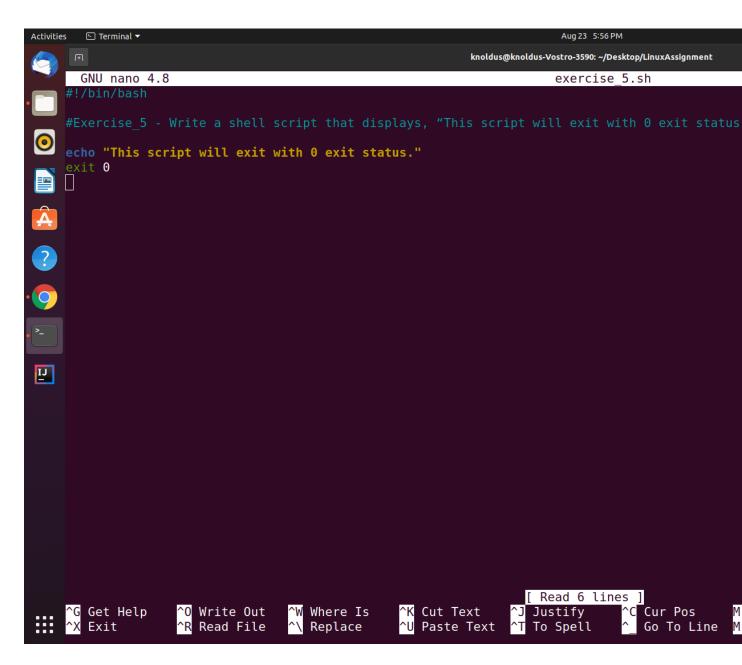


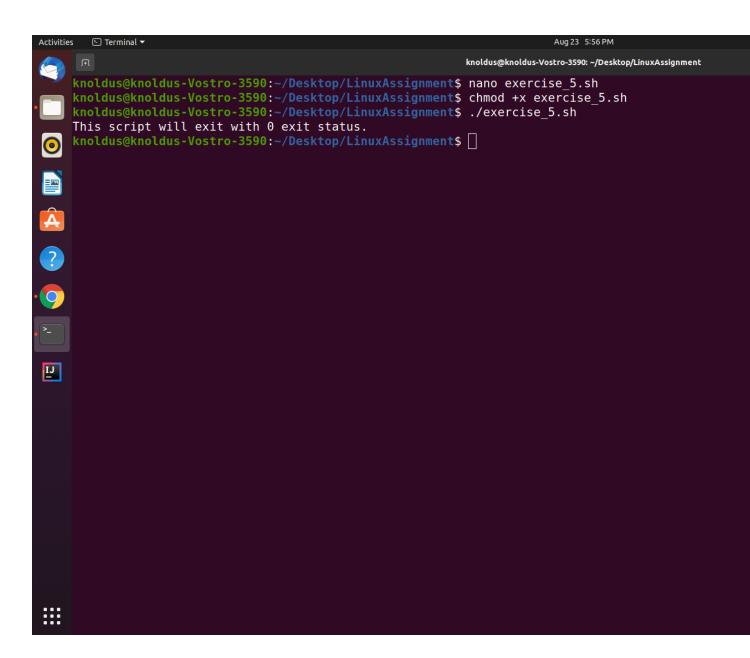


Exercise\_5 - Write a shell script that displays, "This script will exit with 0 exit status." Be sure that the script does indeed exit with a 0 exit status.

### Solution: Code

#!/bin/bash
echo "This script will exit with 0 exit status."
exit 0





Exercise\_6 - Write a shell script that consists of a function that displays the number of files in the present working directory. Name this function "file\_count" and call it in your script. If you use variable in your function, remember to make it a local variable.

```
Solution: Code
#!/bin/bash
function file_count()
 local COUNT NUMBER OF FILES=$(Is -I | wc -I)
 echo "$COUNT_NUMBER_OF_FILES"
}
file_count
 Aug 23 7:49 PM
      File Edit Options Buffers Tools Sh-Script Help
     function file_count()
        local count_number_of_files=$(ls -l | wc -l)
     file_count
```

(Shell-script[bash]) ------

-11U:----F1 exercise\_6.sh All L1

Indentation setup for shell type bash

