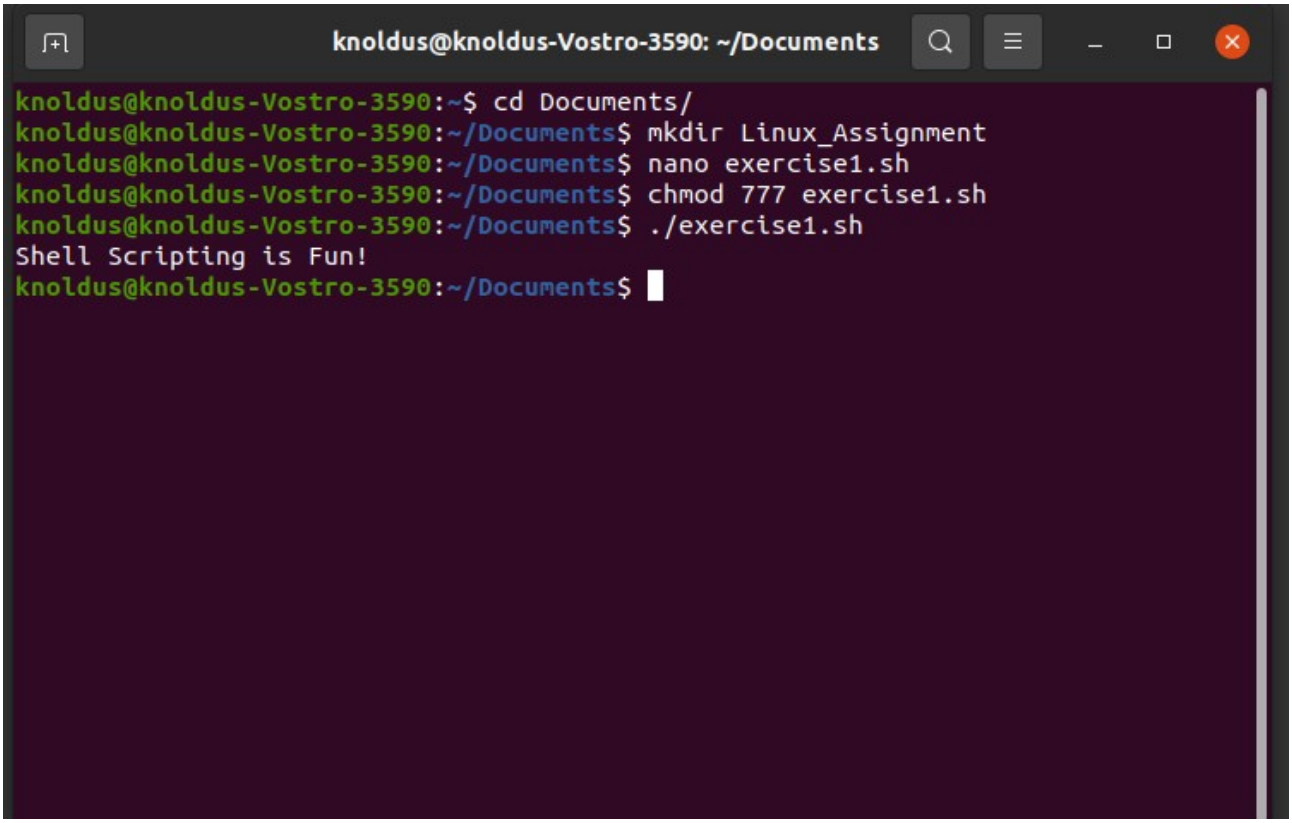
LINUX ASSIGNMENT

Exercise_1 - Write a shell script that prints “Shell Scripting is Fun!” on the screen

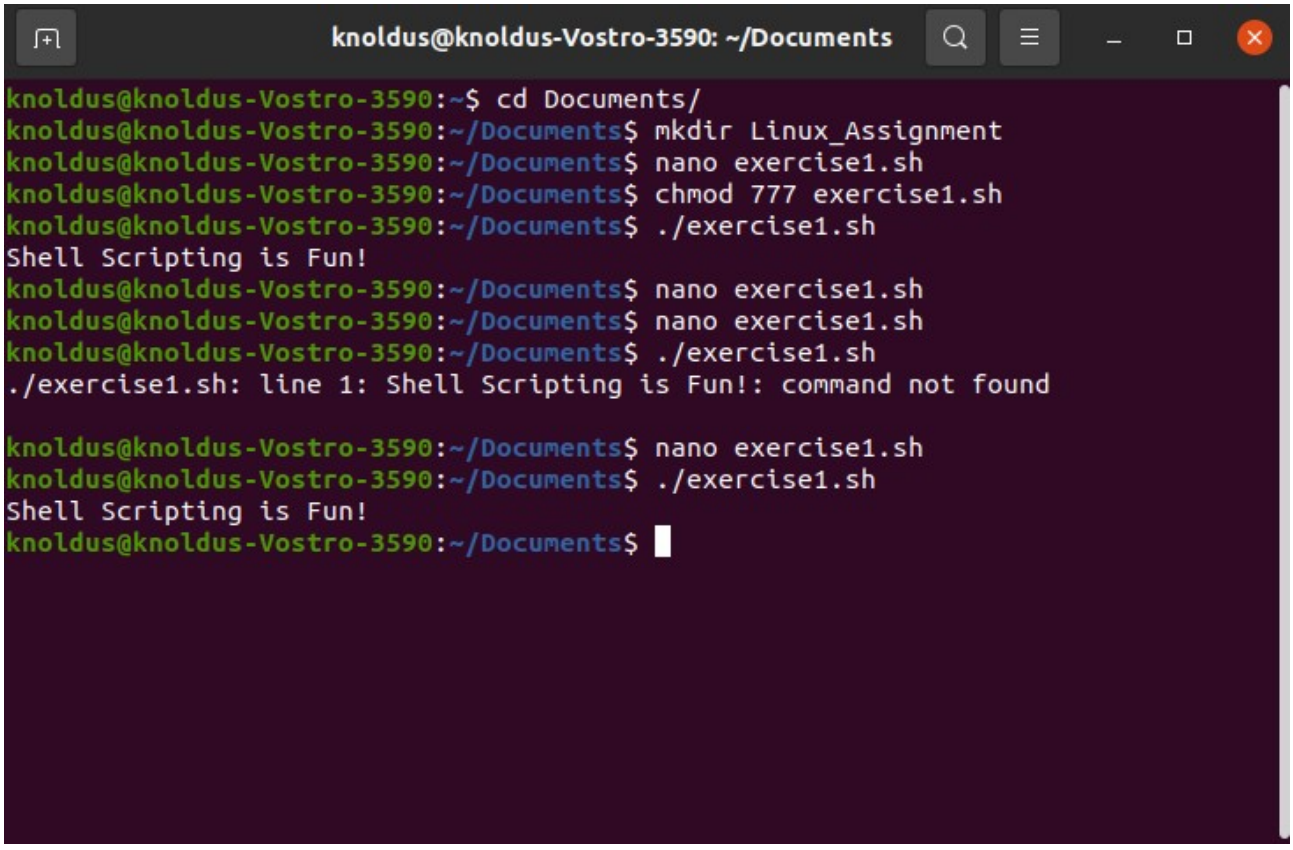
#!/bin/bash

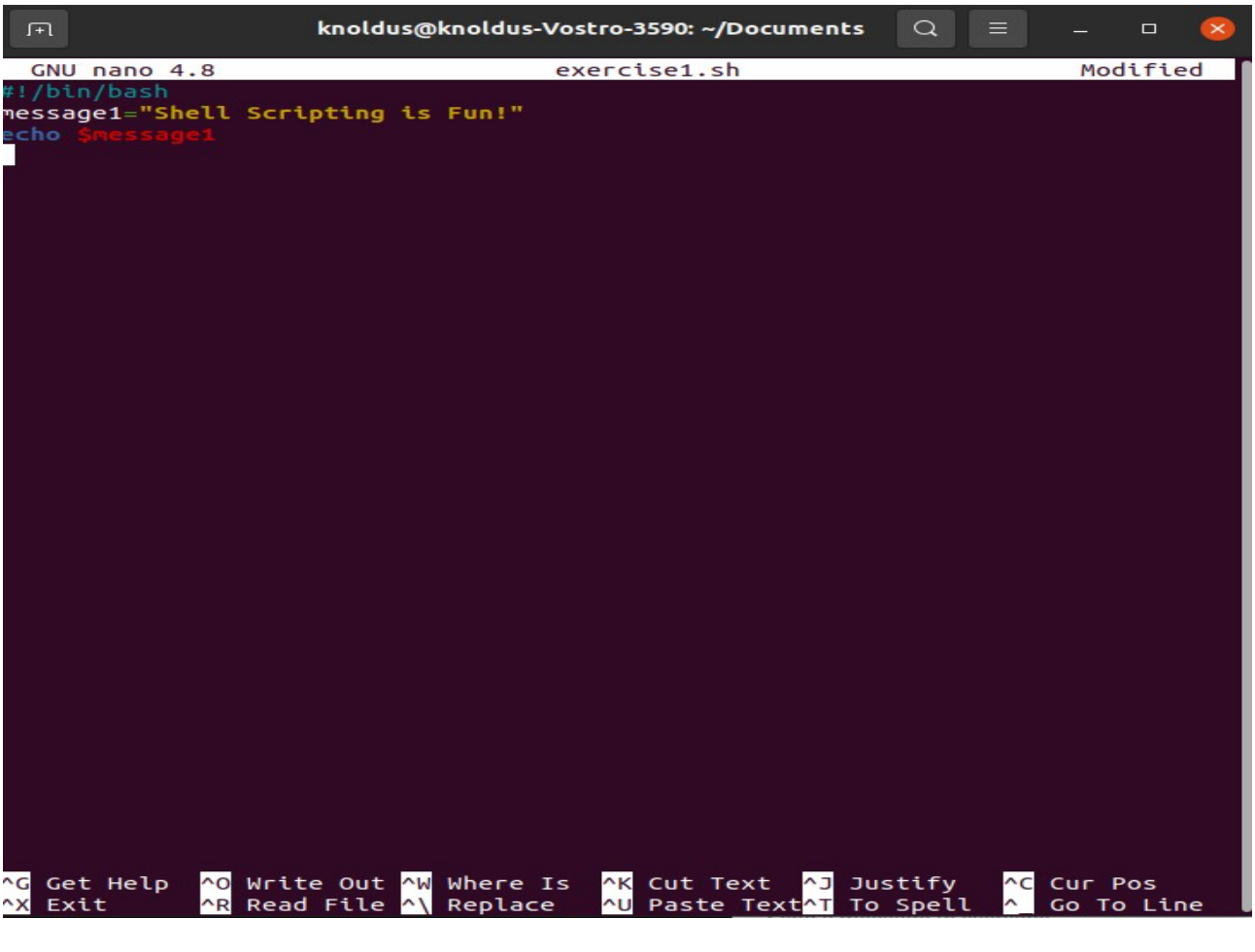
echo "Shell Scripting is Fun!"



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!”

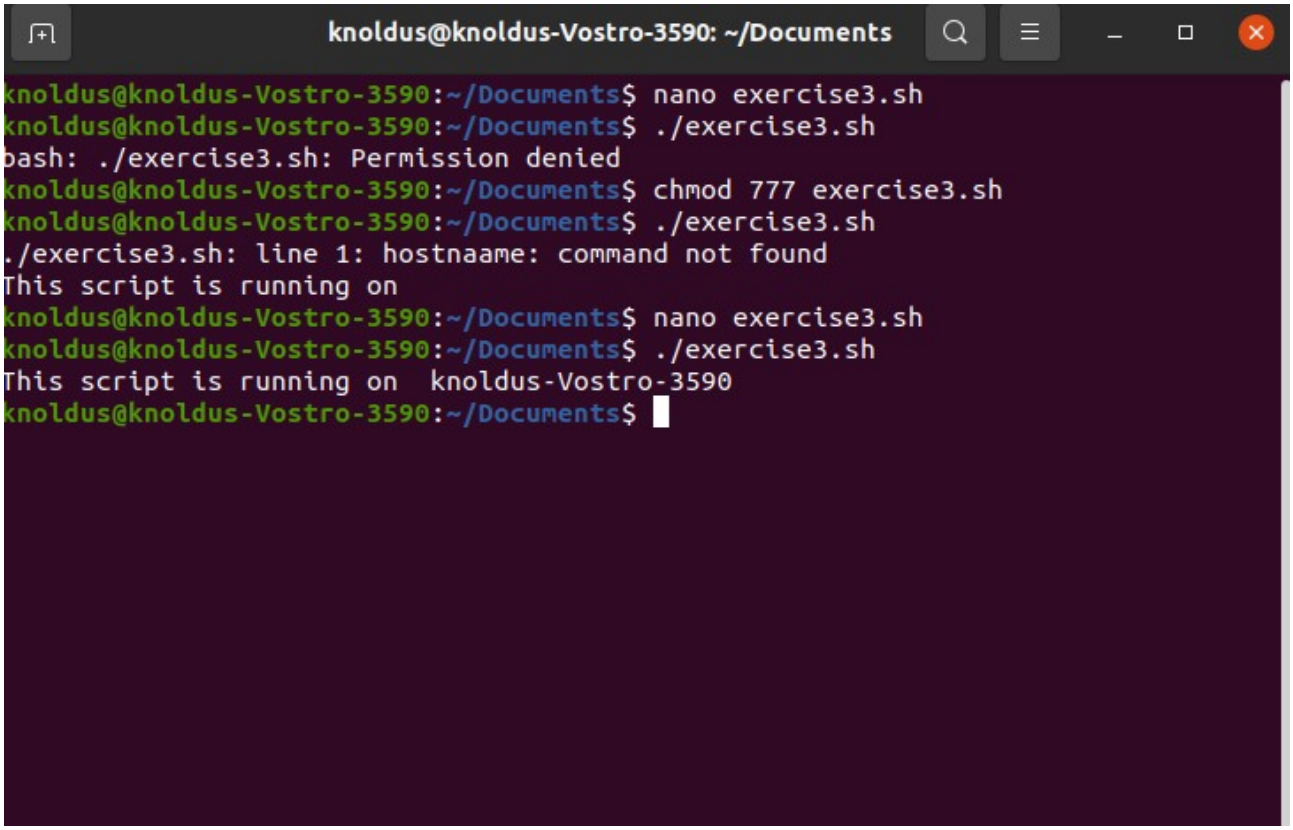
```
#!/bin/bash
 message1="Shell Scripting is Fun!"
echo $message1
```

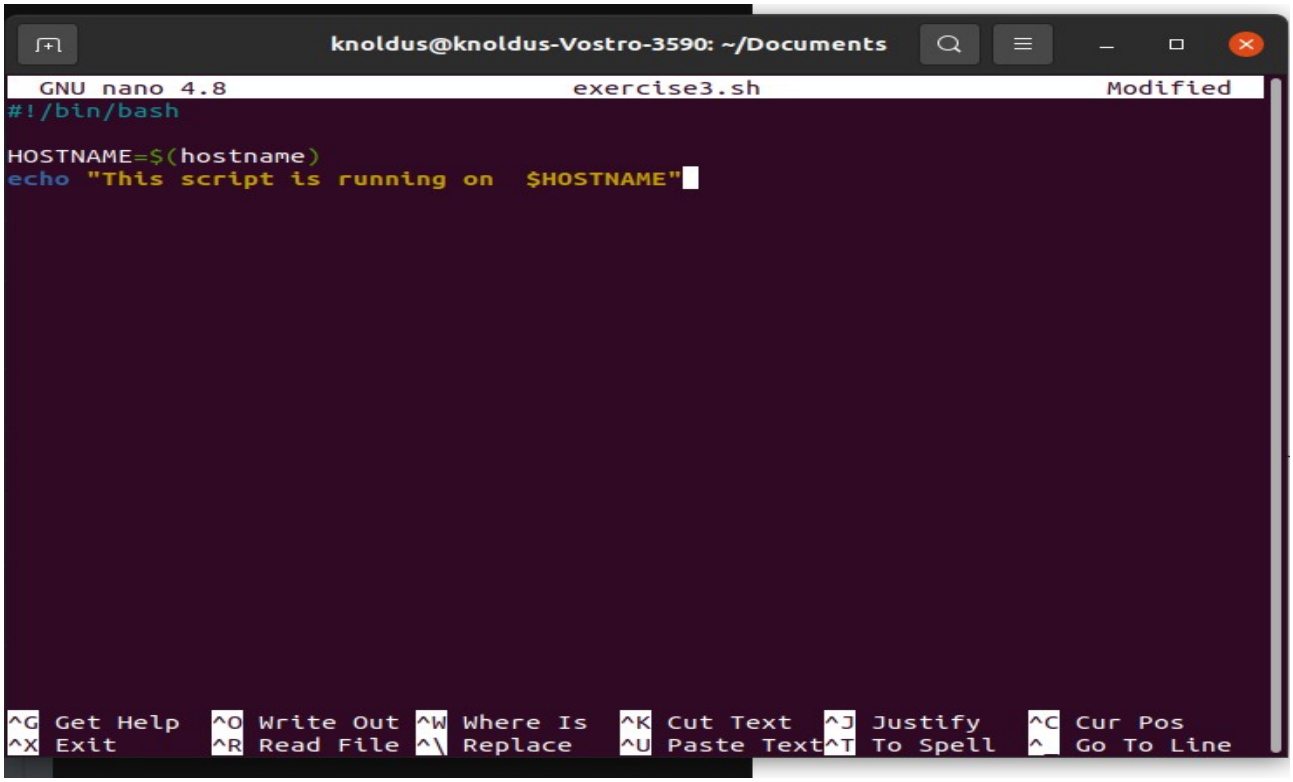




Exercise_3 - Store the output of the command “hostname” in a variable. Display “This script is running on _.” where “_” is the output of the “hostname” command.

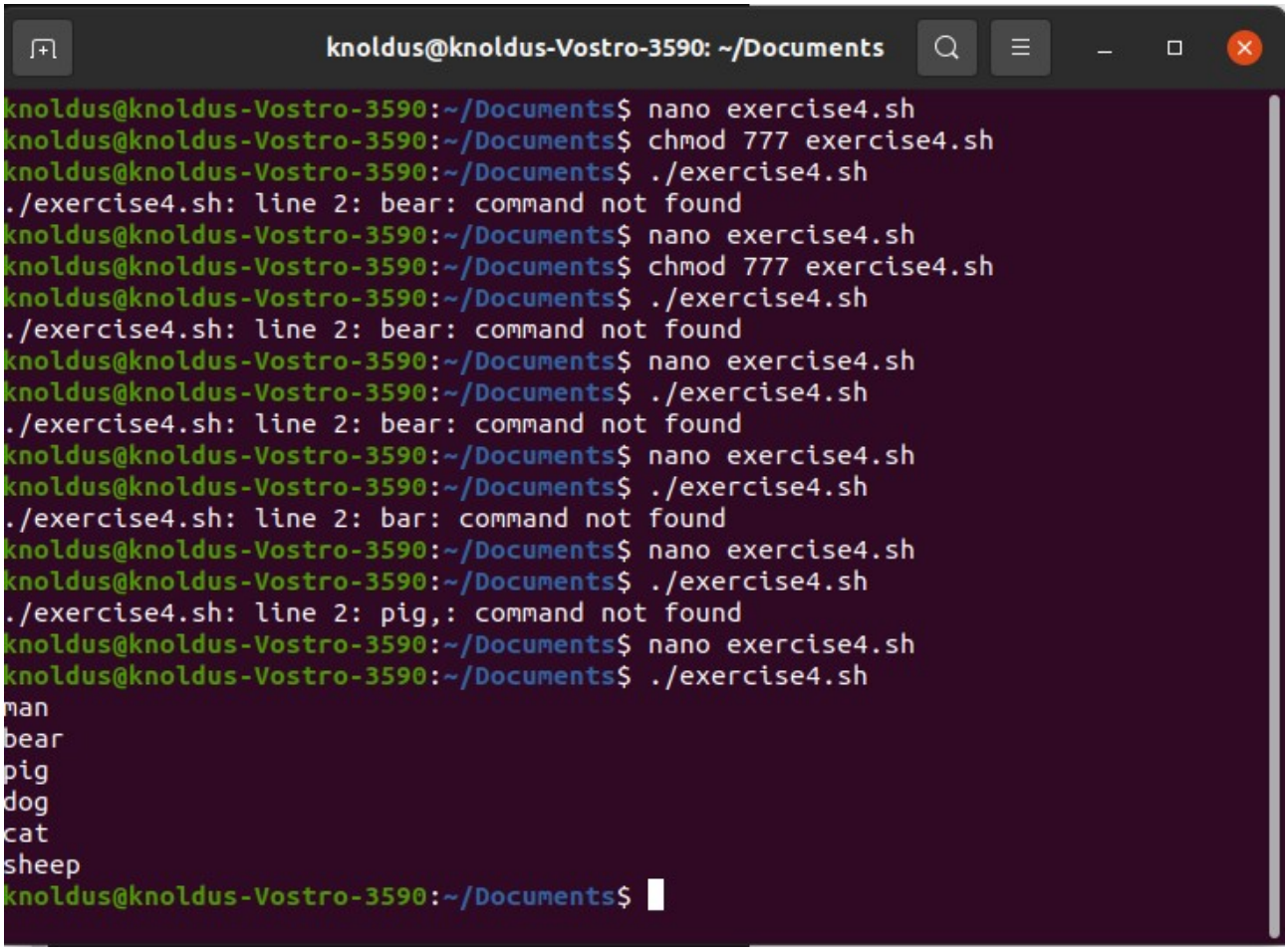
```
#!/bin/bash
HOSTNAME=$(hostname)
echo "This script is running on  $HOSTNAME"
```

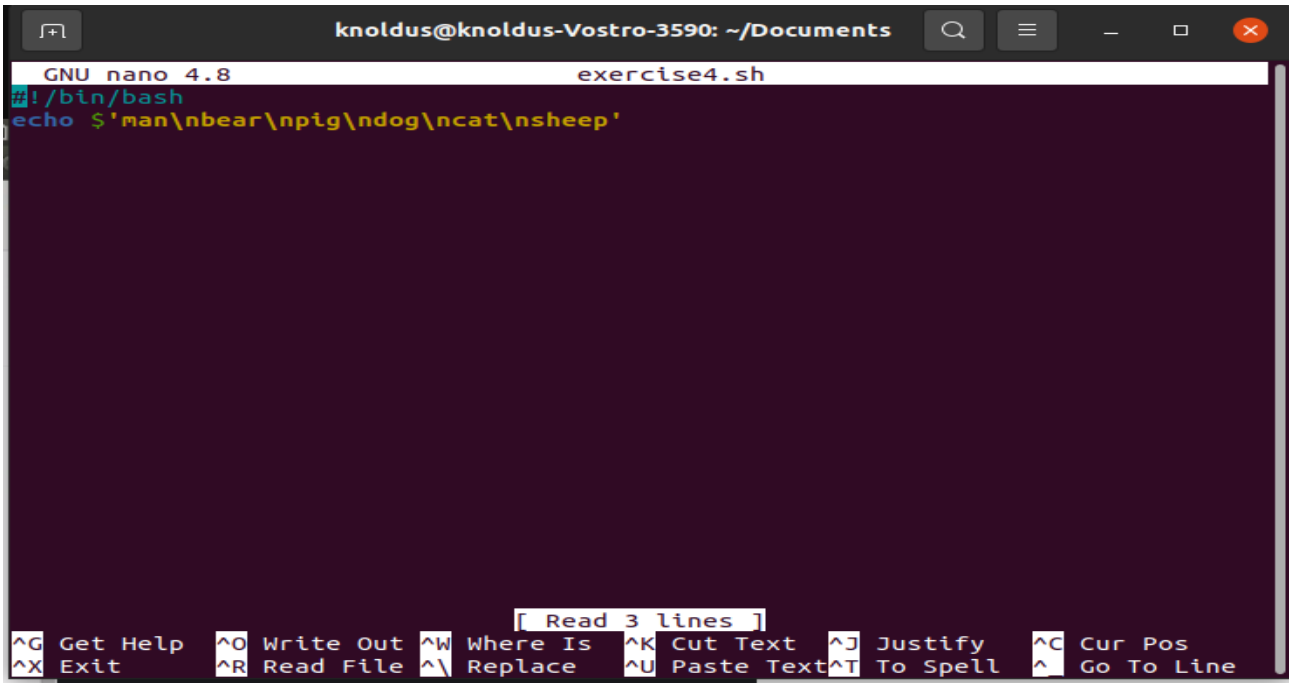




4 - Write a shell script that displays “man”,”bear”,”pig”,”dog”,”cat”,and “sheep” on the screen with each appearing on a separate line. Try to do this in as few lines as possible.

```
#!/bin/bash
echo $'man\nbear\npig\ndog\ncat\nsheep'
```



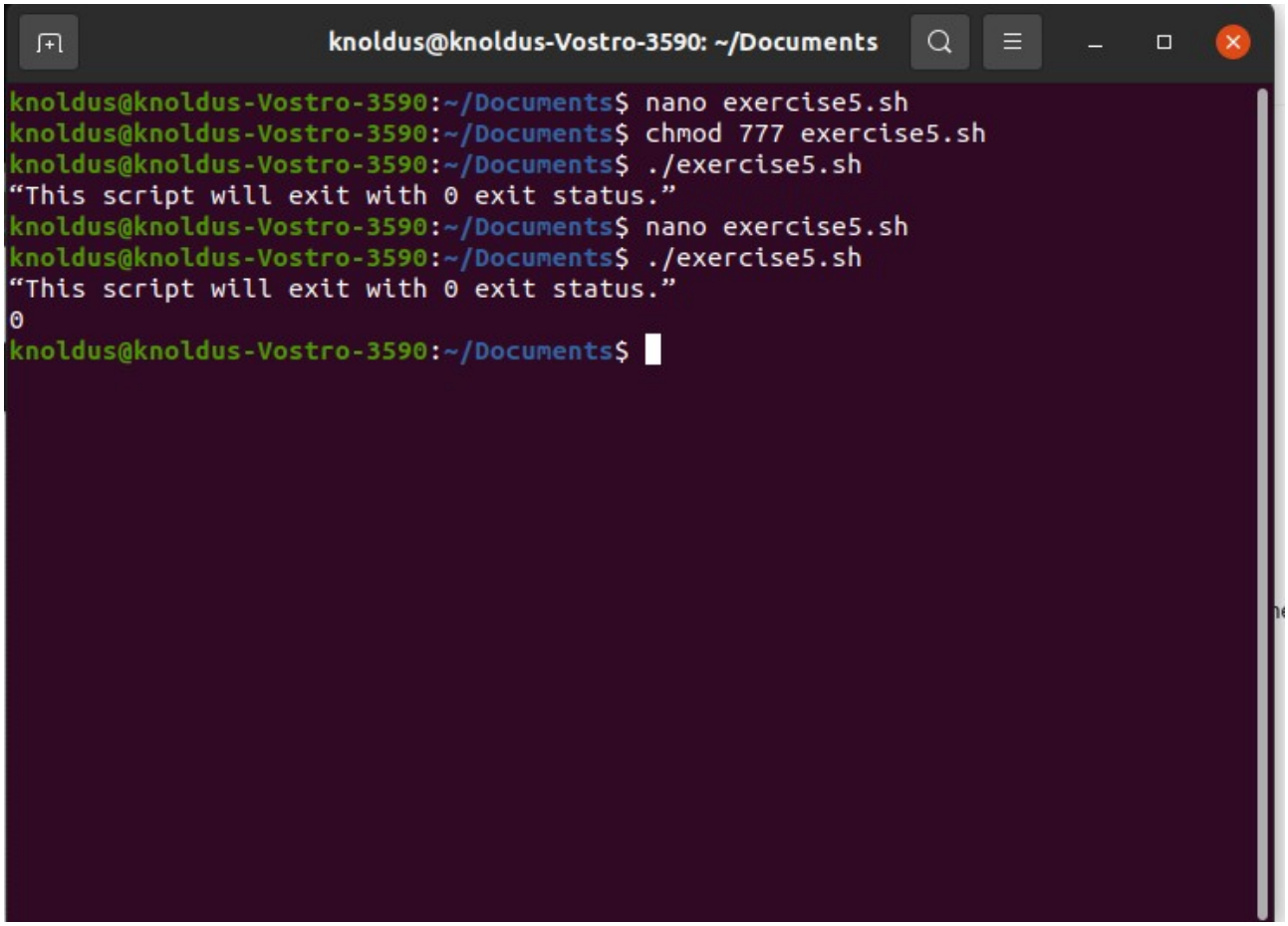


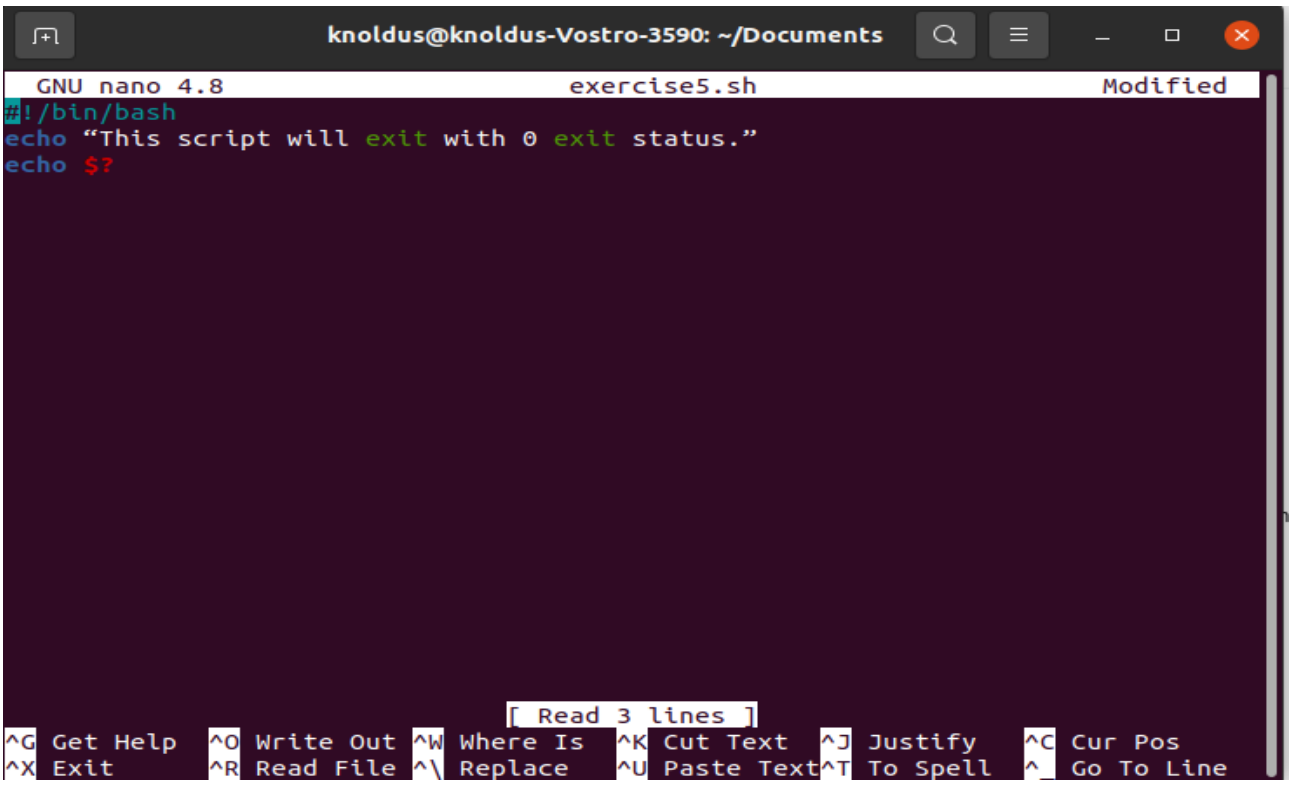
Exercise_5 - Write a shell script that displays, “This script will exit with 0 exit status.” Be sure that the script does indeed exit with a 0 exit status.

#!/bin/bash

echo “This script will exit with 0 exit status.”

echo $?





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.

```
#!/bin/bash
function file_count()
 {
   local NUMBER_OF_FILE=$(ls -1 | wc -l)
    echo "$NUMBER_OF_FILE"
 }
file_count
```