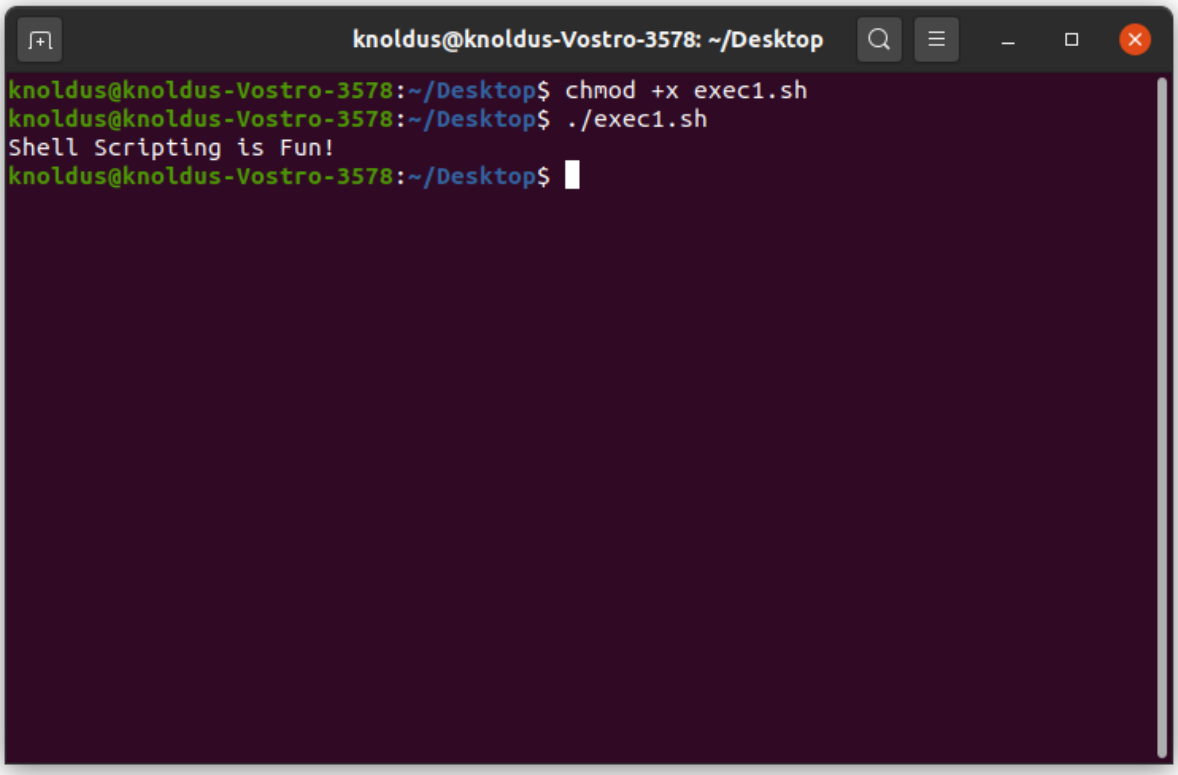
Linux Assignment

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

Code:

```
#!/bin/bash
echo “Shell Scripting is Fun!”
```

Output:

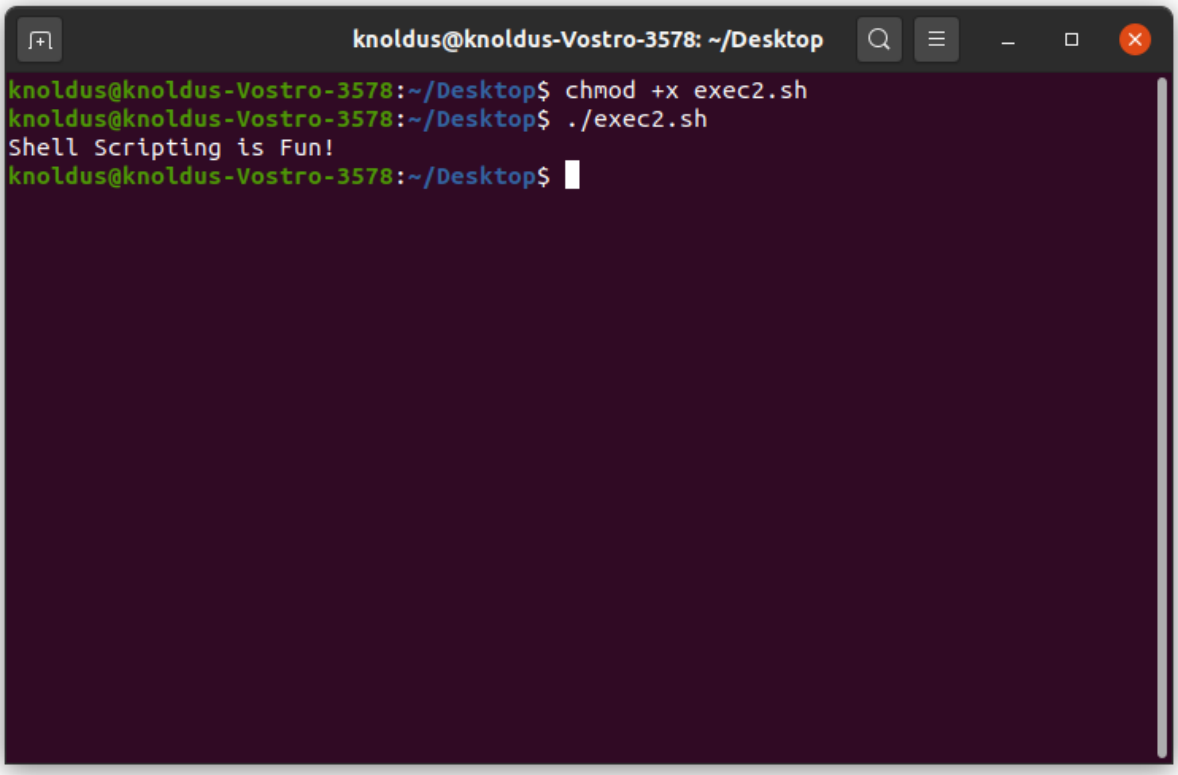


Exercise_2 - Modify the shell script from exercise 1 to include a variable. The variable will hold the contents of the message “Shell Scripting is Fun!”

Code:

```
#!/bin/bash
storeMessage=”Shell Scripting is Fun!”
echo $storeMessage
```

Output:

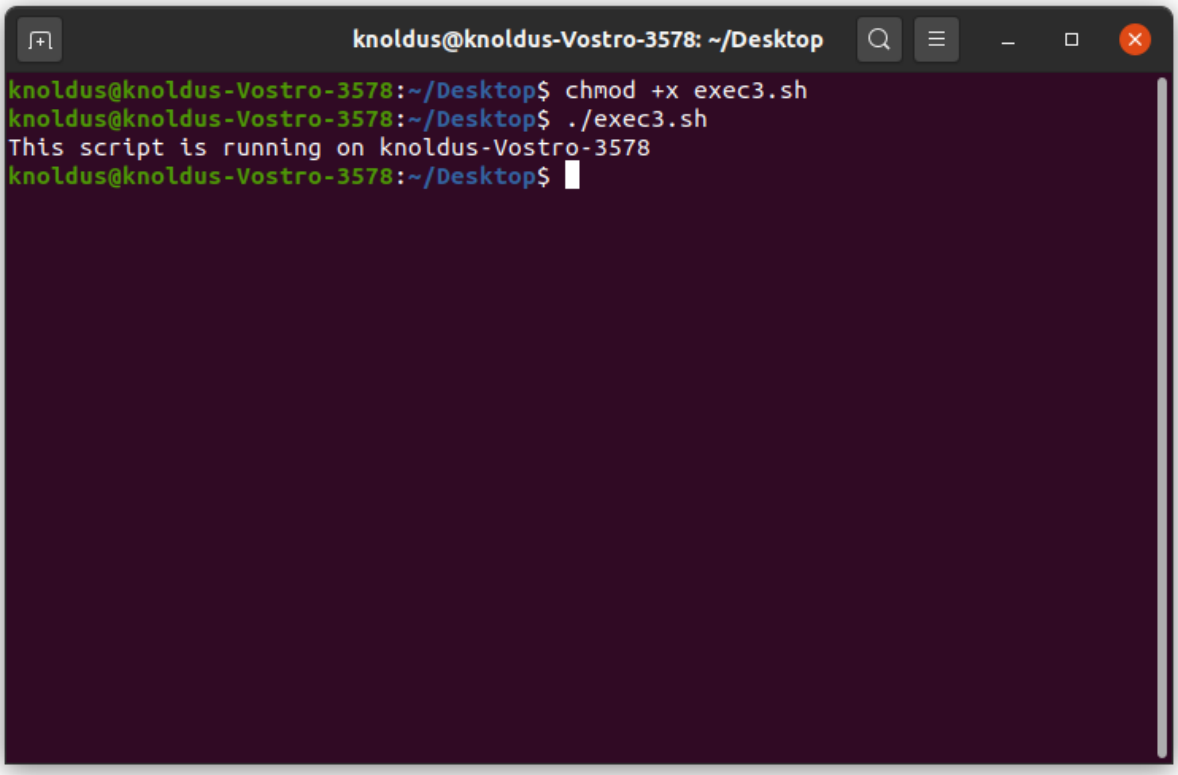


Exercise_3 - Store the output of the command “hostname” in a variable. Display “This script is running on _.” where “_” is the output of the “hostname” command.

Code:

#!/bin/bash
HOSTNAME=$ (hostname)
Echo “This script is running on $HOSTNAME”

Output:

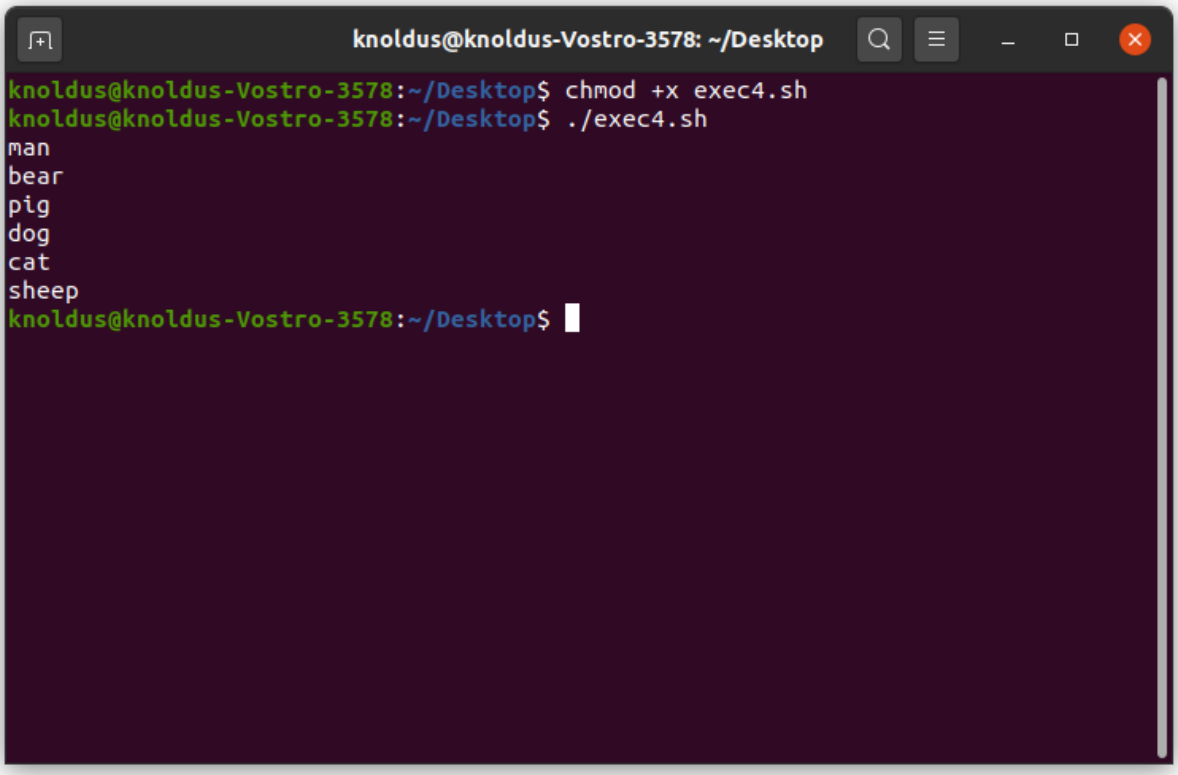


Exercise_4 - Write a shell script that displays “man”,”bear”,”pig”,”dog”,”cat”,and “sheep” on the screen with each appearing on a separate line. Try to do this in as few lines as possible.

Code:

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

Output:

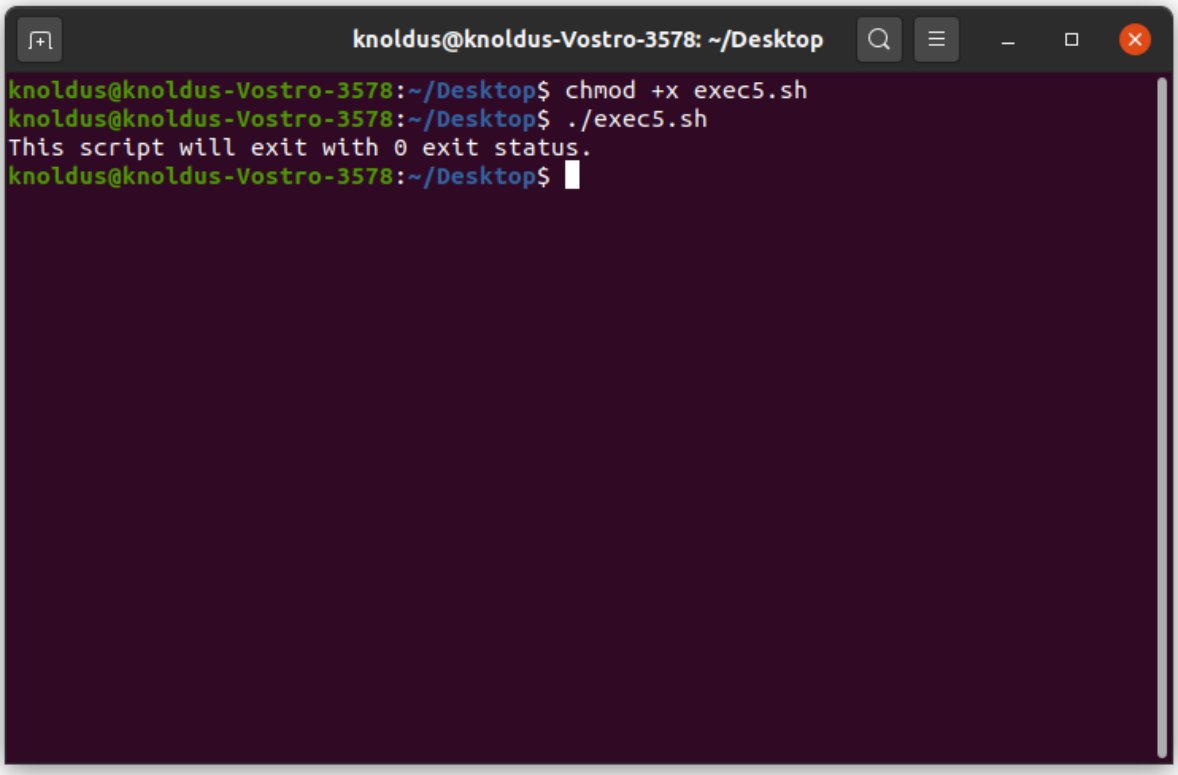


Exercise_5 - Write a shell script that displays, “This script will exit with 0 exit status.” Be sure that the script does indeed exit with a 0 exit status.

Code:

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

Output:



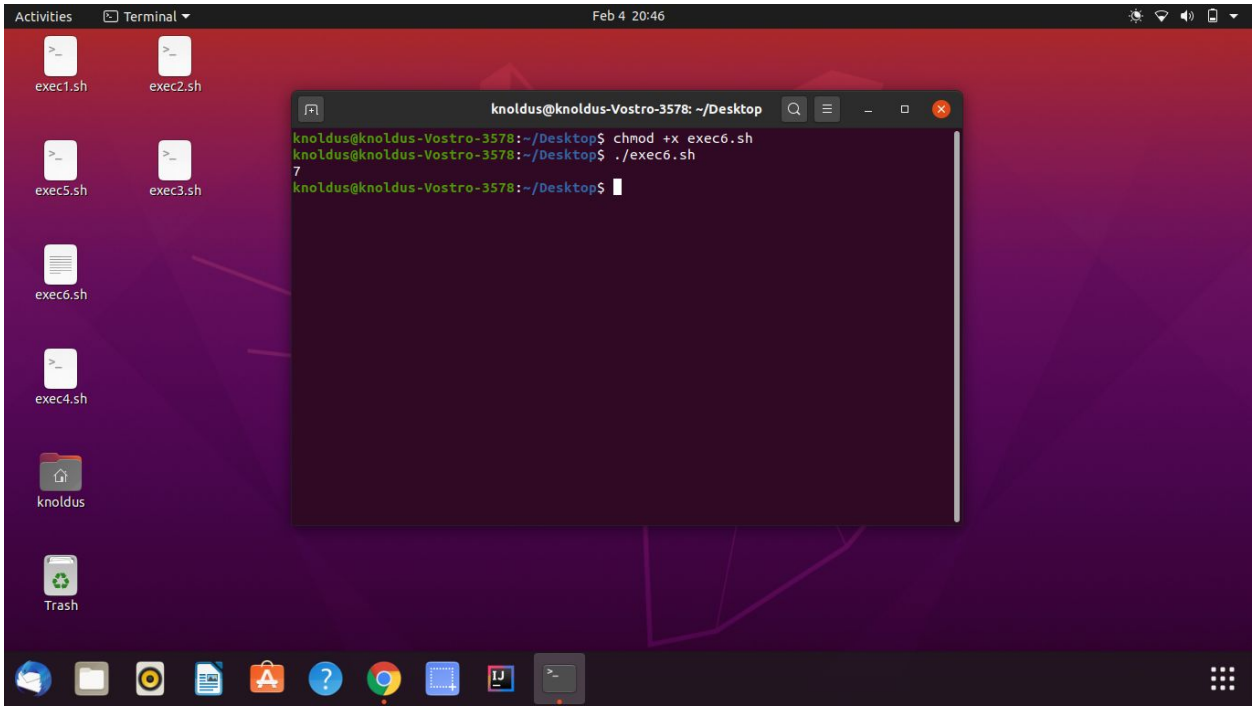
Exercise_6 - Write a shell script that consists of a function that displays the number of files in the present working directory. Name this function “file_count” and call it in your script. If you use a variable in your function, remember to make it a local variable.

Code:

```
#!/bin/bash
function file_count()
  {
     local COUNT_NUMBER_OF_FILES=$(ls -l | wc -l)
     echo “$COUNT_NUMBER_OF_FILES”
  }

file_count
```

Output:


Activities
Terminal
Feb 4 20:46
exec1.sh
exec2.sh
exec5.sh
exec3.sh
exec6.sh
exec4.sh
knoldus
Trash
knoldus@knoldus-Vostro-3578: ~/Desktop
knoldus@knoldus-Vostro-3578:~/Desktop$ chmod +x exec6.sh
knoldus@knoldus-Vostro-3578:~/Desktop$ ./exec6.sh
7
knoldus@knoldus-Vostro-3578:~/Desktop$