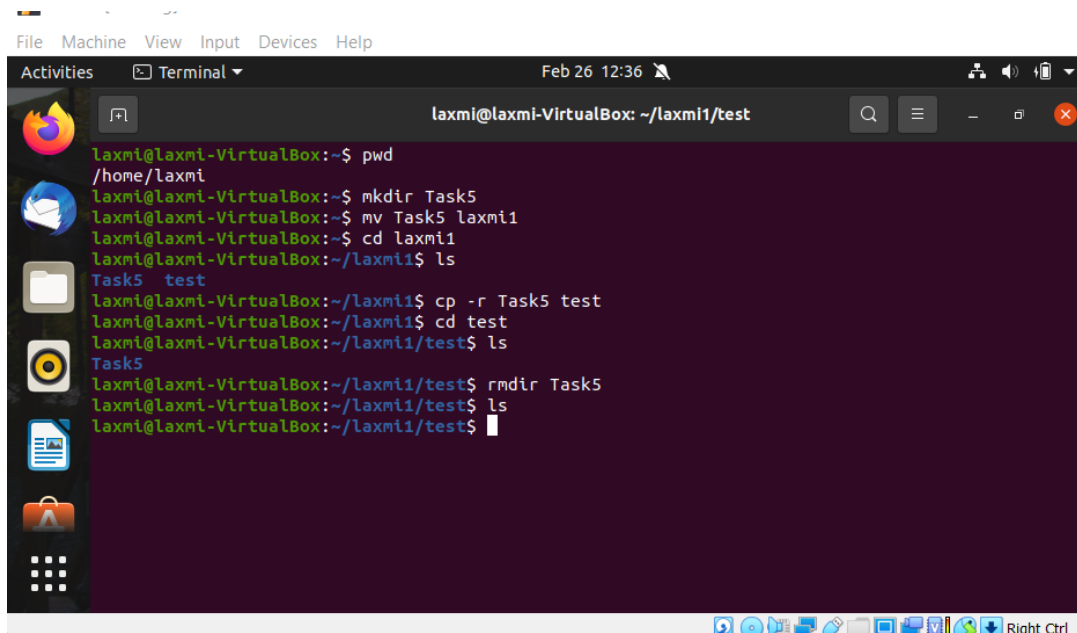# Task5-part1

Command: 1. mkdir- syntax= mkdir name of dir

2. mv- syntax= mv target dir destination dir
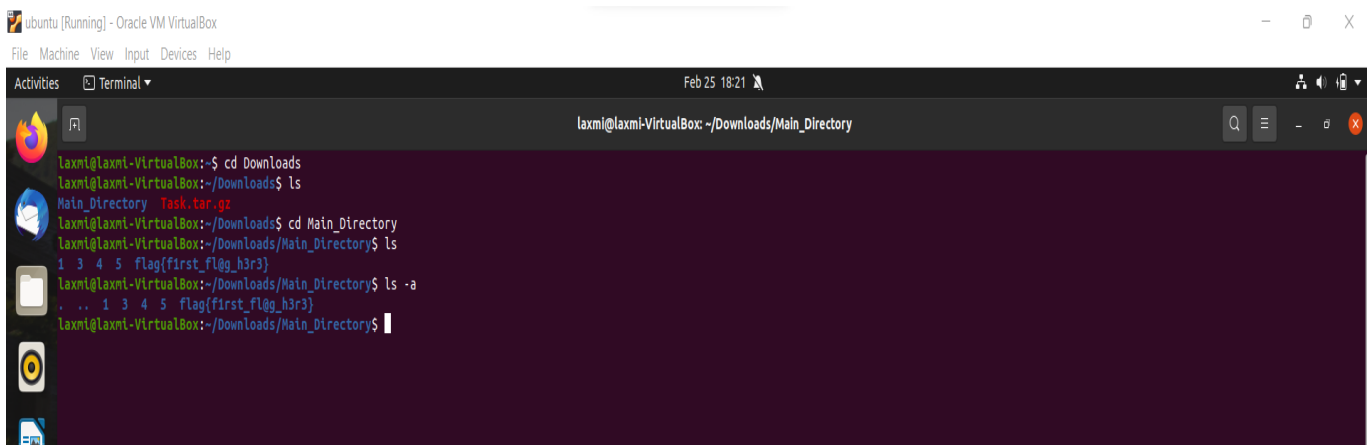
3. cp- syntax= cp -r target dir destination dir

4. rmdir- syntax= rmdir name of dir

```
File   Machine   View   Input   Devices   Help
Activities      Terminal ▼                          Feb 26 12:36

                        laxmi@laxmi-VirtualBox: ~/laxmi1/test

laxmi@laxmi-VirtualBox:~$ pwd
/home/laxmi
laxmi@laxmi-VirtualBox:~$ mkdir Task5
laxmi@laxmi-VirtualBox:~$ mv Task5 laxmi1
laxmi@laxmi-VirtualBox:~$ cd laxmi1
laxmi@laxmi-VirtualBox:~/laxmi1$ ls
Task5   test
laxmi@laxmi-VirtualBox:~/laxmi1$ cp -r Task5 test
laxmi@laxmi-VirtualBox:~/laxmi1$ cd test
laxmi@laxmi-VirtualBox:~/laxmi1/test$ ls
Task5
laxmi@laxmi-VirtualBox:~/laxmi1/test$ rmdir Task5
laxmi@laxmi-VirtualBox:~/laxmi1/test$ ls
laxmi@laxmi-VirtualBox:~/laxmi1/test$
```
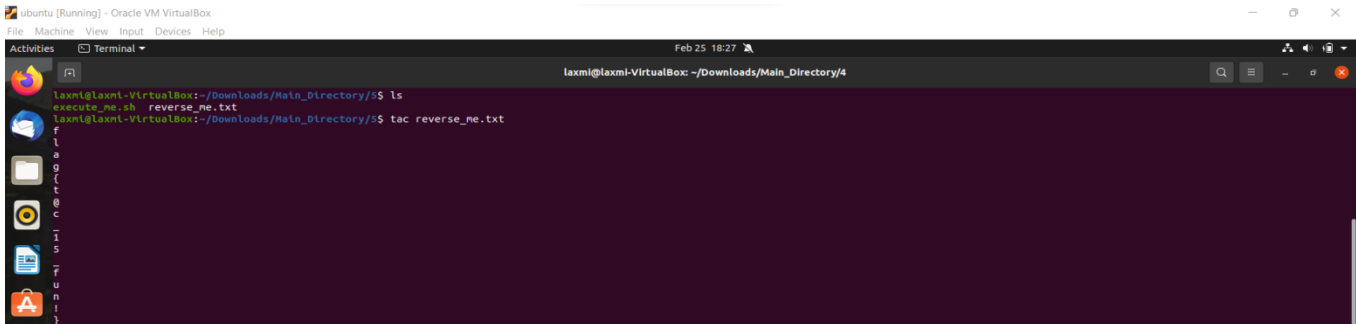
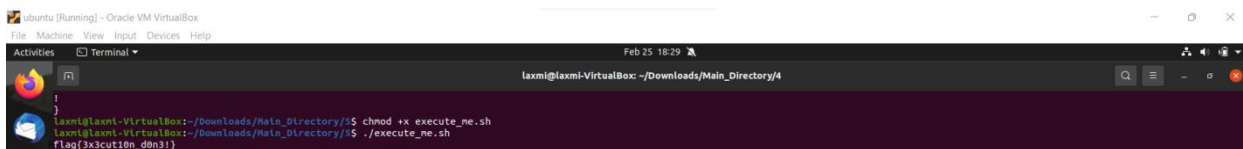**First flag: flag{first_fl@g_h3r3}**

```
ubuntu [Running] - Oracle VM VirtualBox
File   Machine   View   Input   Devices   Help
Activities      Terminal ▼                          Feb 25 18:21

                        laxmi@laxmi-VirtualBox: ~/Downloads/Main_Directory

laxmi@laxmi-VirtualBox:~$ cd Downloads
laxmi@laxmi-VirtualBox:~/Downloads$ ls
Main_Directory   Task.tar.gz
laxmi@laxmi-VirtualBox:~/Downloads$ cd Main_Directory
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory$ ls
1  3  4  5  flag{f1rst_fl@g_h3r3}
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory$ ls -a
.  ..  1  3  4  5  flag{f1rst_fl@g_h3r3}
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory$
```
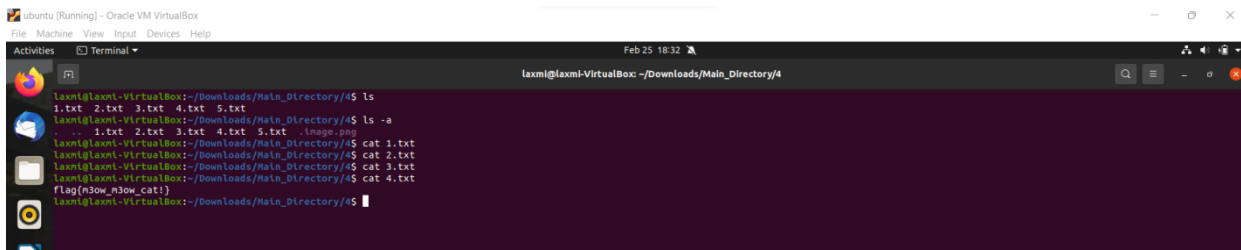
Second flag: flag{t@c|15 |fun!}


```
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh  reverse_me.txt
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/5$ tac reverse_me.txt
f
l
a
g
{
t
@
c
|
1
5
|
f
u
n
!
}
```

Third flag: flag {3x3cut10n_d0n3!}
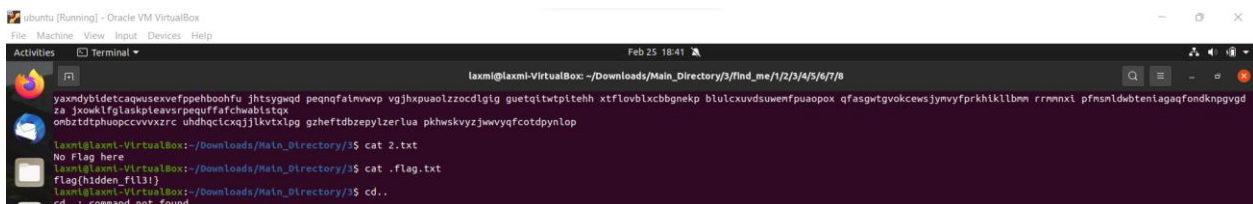

```
}
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/5$ chmod +x execute_me.sh
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/5$ ./execute_me.sh
flag{3x3cut10n_d0n3!}
```

Fourth flag: flag {m3ow_m3ow_cat!}


```
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt  2.txt  3.txt  4.txt  5.txt
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/4$ ls -a
.  ..  1.txt  2.txt  3.txt  4.txt  5.txt  .image.png
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/4$ cat 1.txt
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/4$ cat 2.txt
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/4$ cat 3.txt
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/4$
```

Fifth flag: flag {hidden_fil3!}
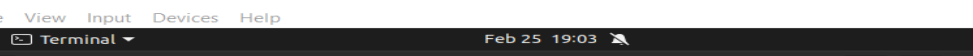

```
yaxmdybidetcaqwusexvefppehboohfu jhtsygwqd peqnqfaimvwvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtflovblxcbbgnekp blulcxuvdsuwemfpuaopox qfasgwtgvokcewsjymvyfprkhikllbmm rrmmnxi pfmsmldwbteniagaqfondknpgvgd
za jxowklfglaskpieavsrpequffafchwabistqx
onbztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylzerlua pkhwskvyzjwwvyqfcotdpynlop

laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{h1dden_fil3i}
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3$ cd..
cd..: command not found
```

Sixth flag: flag{gr3p_finds_fl@gs!}


```
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory$ cd 3
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt  2.txt  find_me
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3$ ls -a
.  ..  1.txt  2.txt  find_me  .flag.txt
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qiktypzuqh feuioelfuxrdmgrmvkdfdrufbasyqhfucibujcygwsculoc gzkbackfbnvucxkjejkdzprtqcqwtplh
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvndbcqbjxgmkbkbpgtunwbehtr wqrpmwrfhtgqfpxrdqvxwsrkaoghxosfrplntimqrkugjuiowv
hbrdjqmwkbkijlbqvycwuwairiw rrlaurzrhihpdmaxcnykxjlrrbyxragwrlofwgdddllg kuumojtommlsjcjtywlpbuaaok
wpgdllpephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobhcpeusa  yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkgjtiqqxvfd
vxkwqnbzdolqtpjbgmqnnbcidewovszlrkbecwtl
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtooecqrzq fhclzcsd vqhvdnqpzlybqlsxeexo agndkyecxfqifx wxcljufqkno gxmrnwnventugj xxghyrfvwkupdawxa gzzlgysbcyaeqvmulattzqvpwxnqqsw wsqkfslavhspsonrfdwzuceacajgq
yaxmdybidetcaqwusexvefppehboohfu jhtsygwqd peqnqfainvwvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtflovblxcbbgnekp blulcxuvdsuwenfpuaopox qfasgwtgvokcewsjymvyfprkhikllbmn rrmnnxi pfnsmldwbtenlagaqfondknpgvgd
za jxowklfglaskpieavsrpequffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylzerlua pkhwskvyzjwwvyqfcotdpynlop
```

Seventh flag: flag {t3xt_15_n0t_hidd3n!}


```
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/4$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/4$
```

Eighth flag: flag {Y0u_f0und_m3!}


```
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory$ cd 3
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3$ cd find_me
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me$ ls
1
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me$ ls -a
.  ..  1
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me$ cd 1
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ ls
2
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ cd 2
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ ls
3
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ ls
4
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5  password_for_zip.txt
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
zip_file_huh?
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd 5
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ ls
6
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ ls
7
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls
8
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls -a
.  ..  flag.txt.txt
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
laxmi@laxmi-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cd ..
```
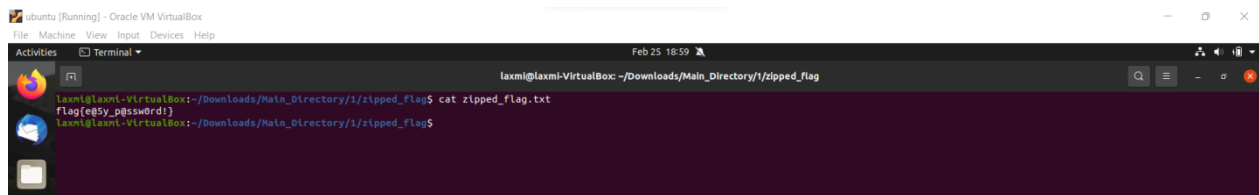
Ninth flag: '.flag {Y0u_f0und_th3_hidd3n_dir!}'
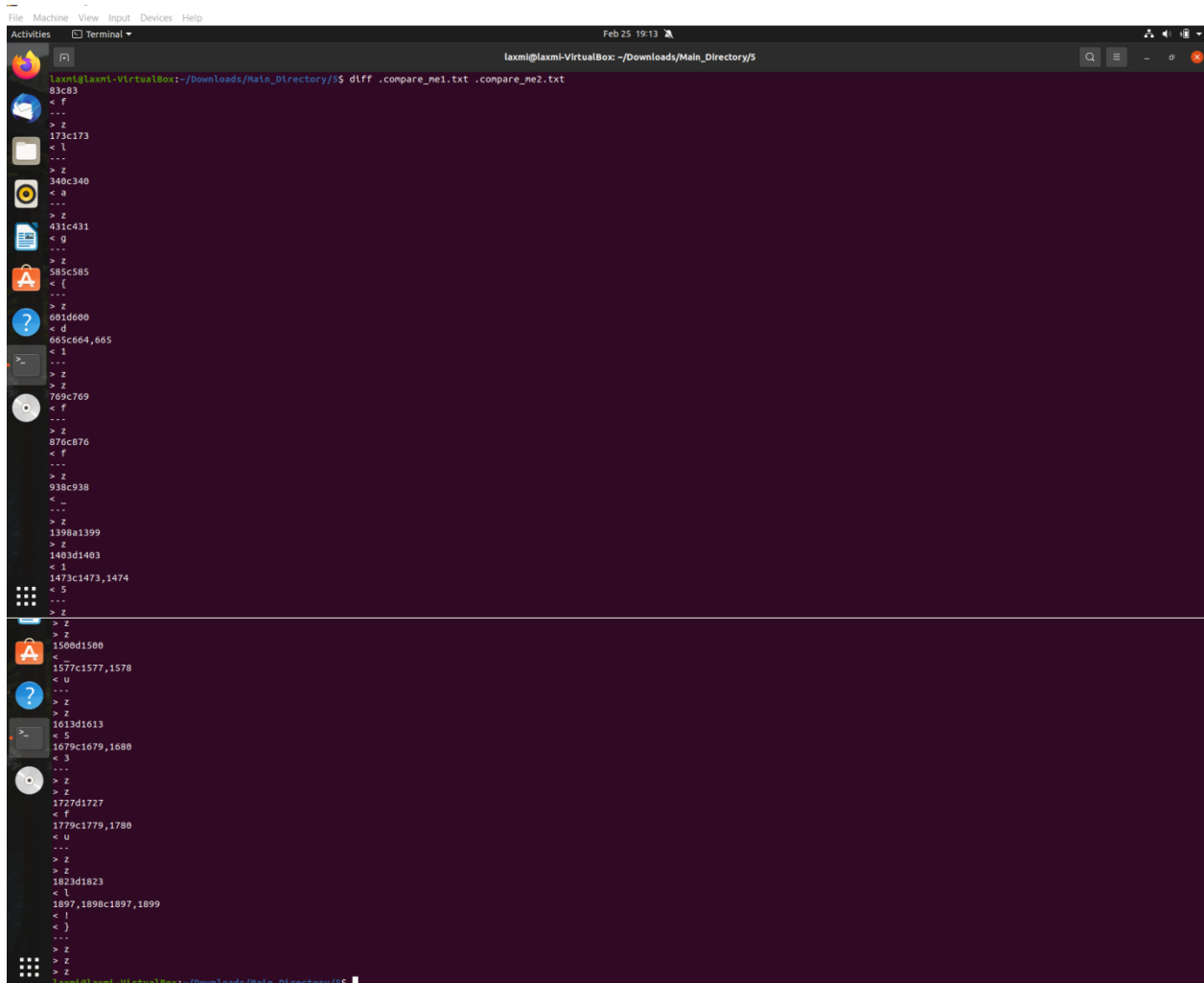
Tenth flag: flag {e@5y_p@ssw0rd!}

Eleventh flag: flag {z d 1 f z 1 5 z u z 5 3 z f u z l !}
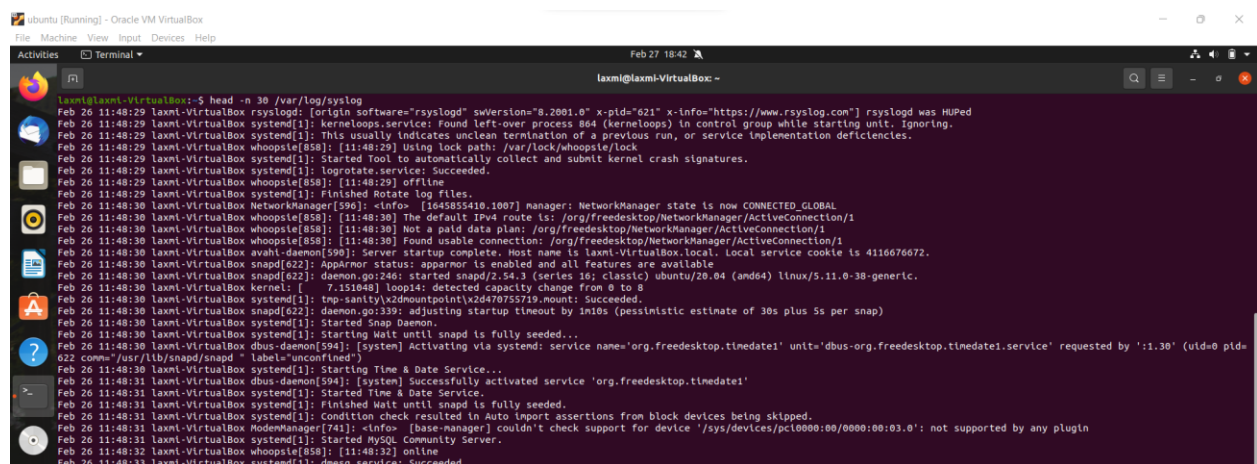
Task5-part2

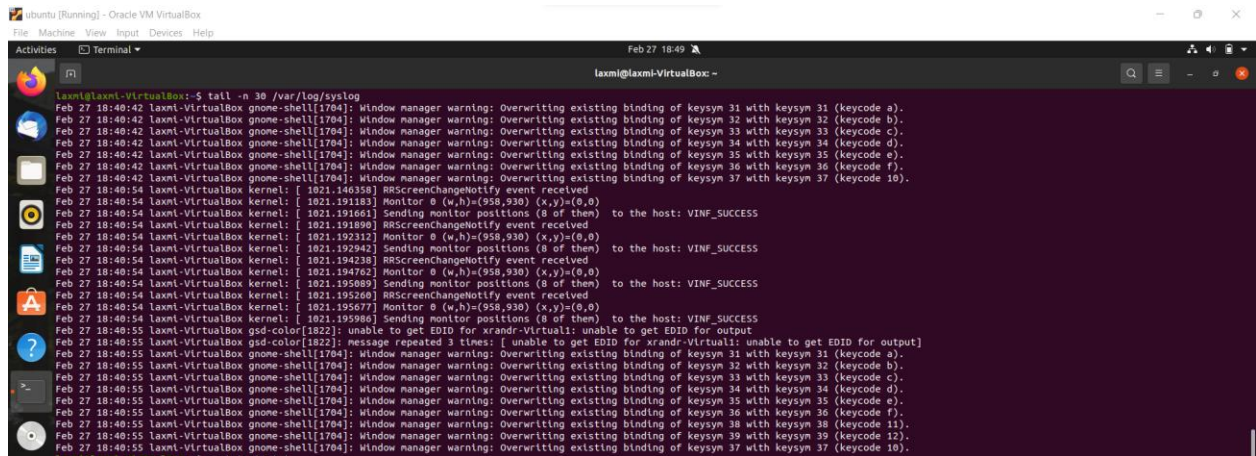## 1. Write a bash script to echo your name 25 times.
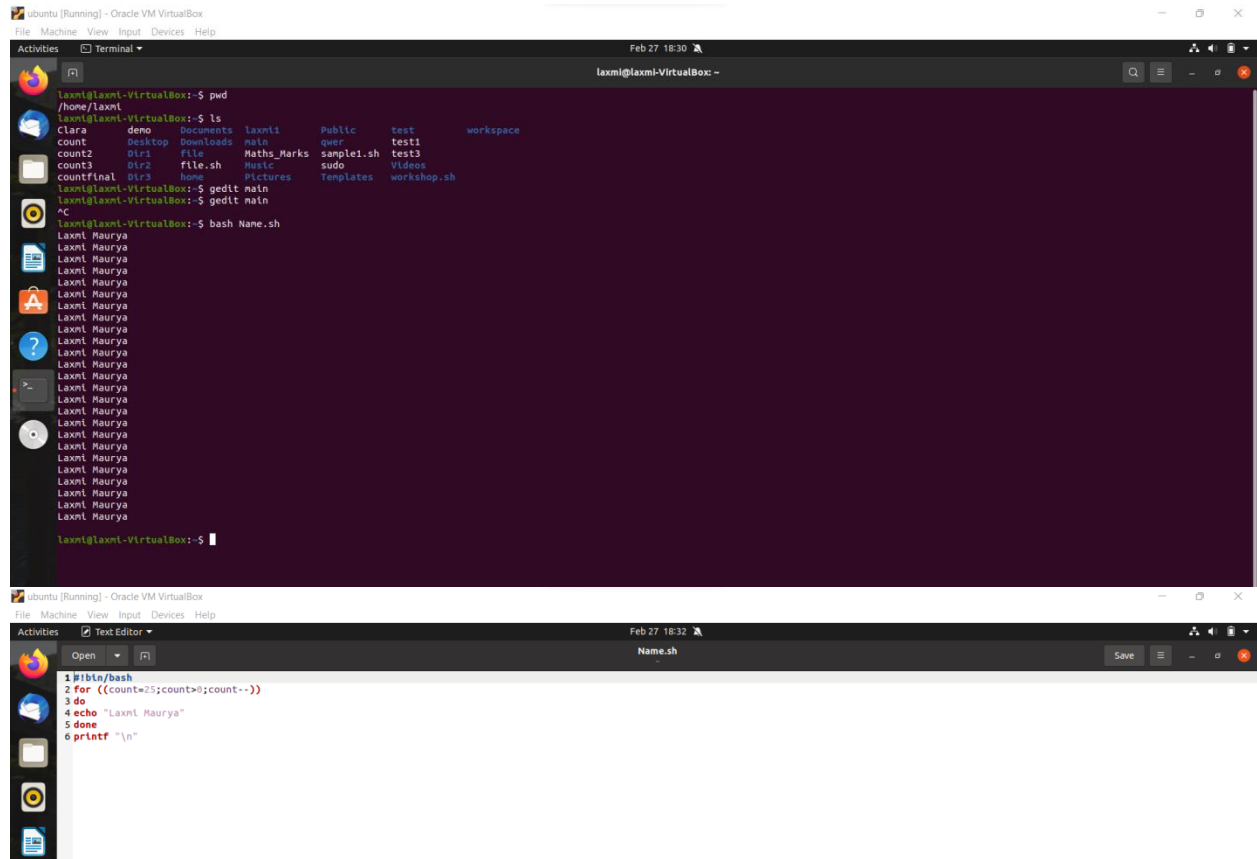
2. What command should I use to display the first 30 entries of syslog file?

Solution: head –n 30 /var/log/syslog

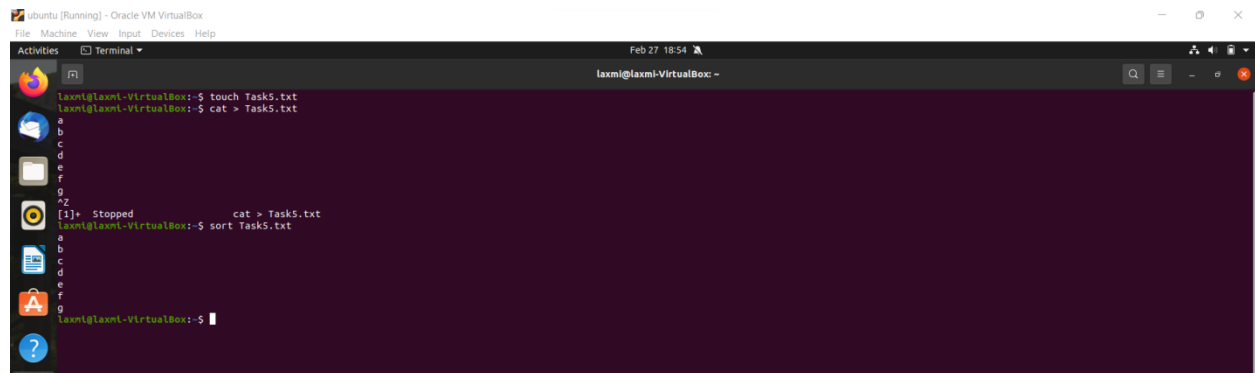# 3. What command should I use to display the last 30 entries of syslog file?

Solution: tail –n 30 /var/log/syslog

4. What command should I use to arrange the entries of a file

(a) Alphabetically: sort Task5.txt
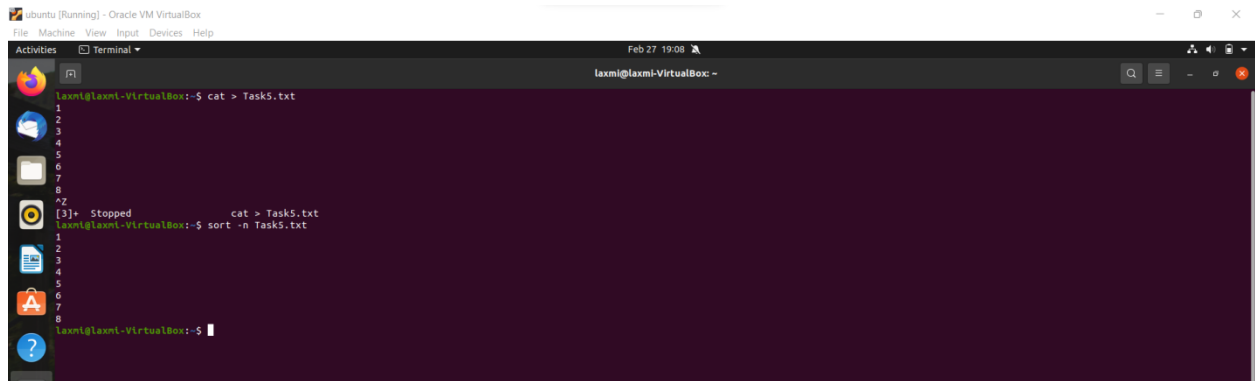
(b)Reverse order: sort –r Task5.txt

(c)Numeric: sort –n Task5.txt

5. Copee is a hard-working cop. He found a case and almost at the verge of cracking it. It could be his best breakthrough. He has the list of criminals but lots of duplicates are there. He needs to find the only one that is different. He sought your help. How will you sort this issue?

Solution: sort <filename> | uniq –i

6. What are the four parts of file's permission?

Solution: The four parts of file's permission are;

1. **Read**
2. **Write**
3. **Delete**
4. **Execute**