COGNIZANCE TASK-5

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ROLL NUMBER:21039

COMMANDS USED IN THIS TASK

Ls: Displays all the files in the directory you are in

Cd: change directory

Cat: displays the contents of a file

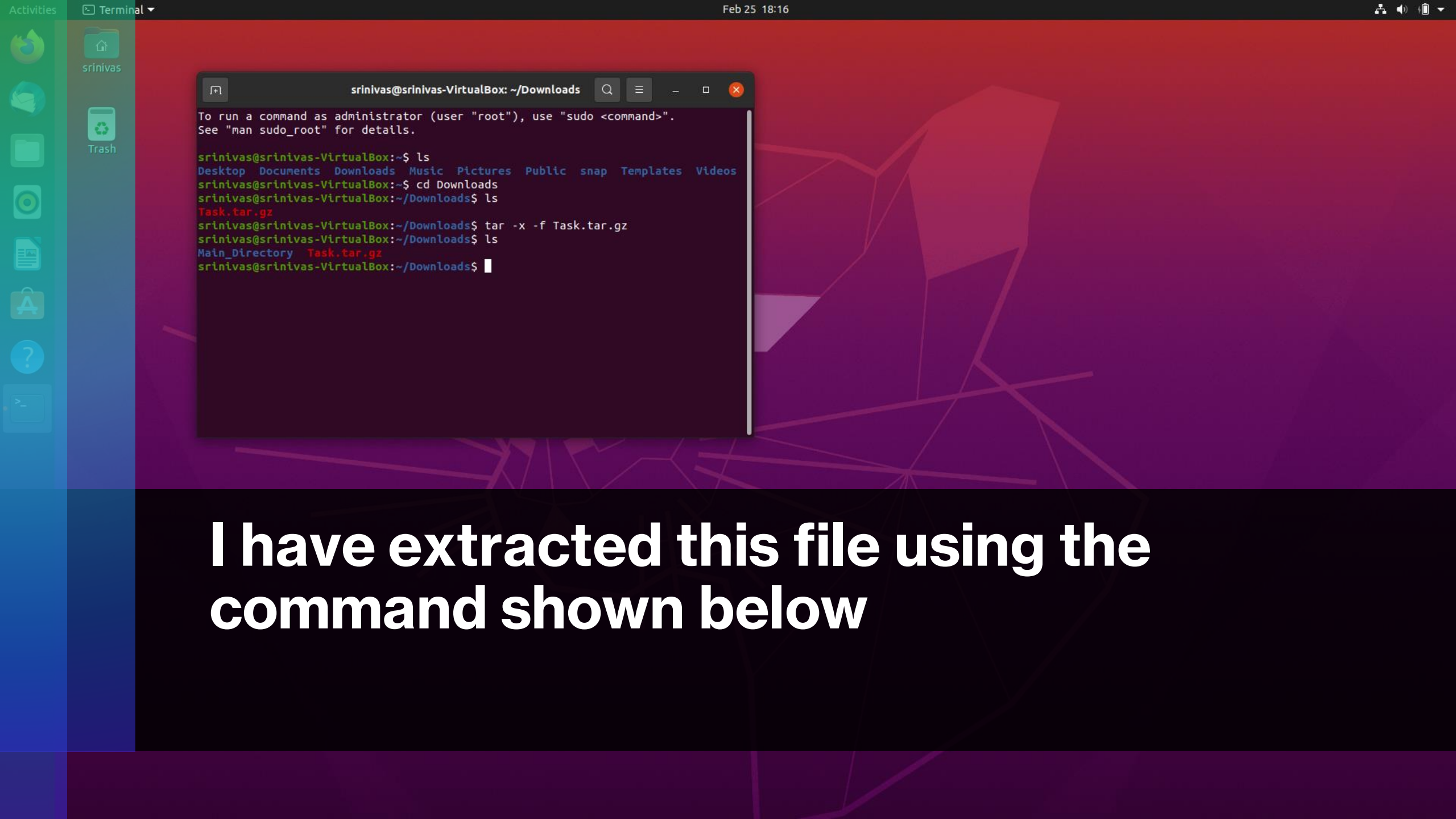
Diff: compares the lines of two files

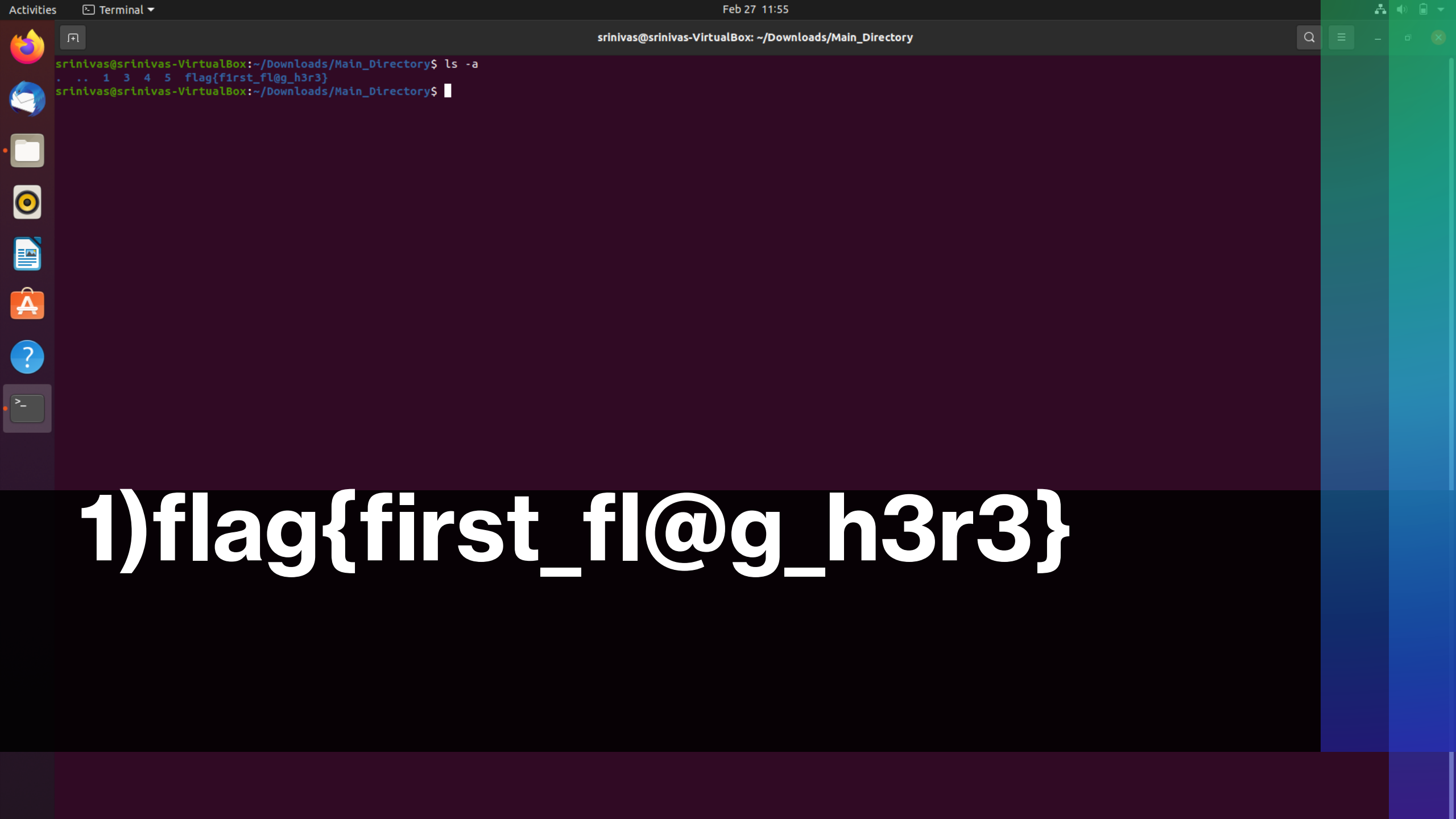
Tac: the reverse of the 'cat' command.

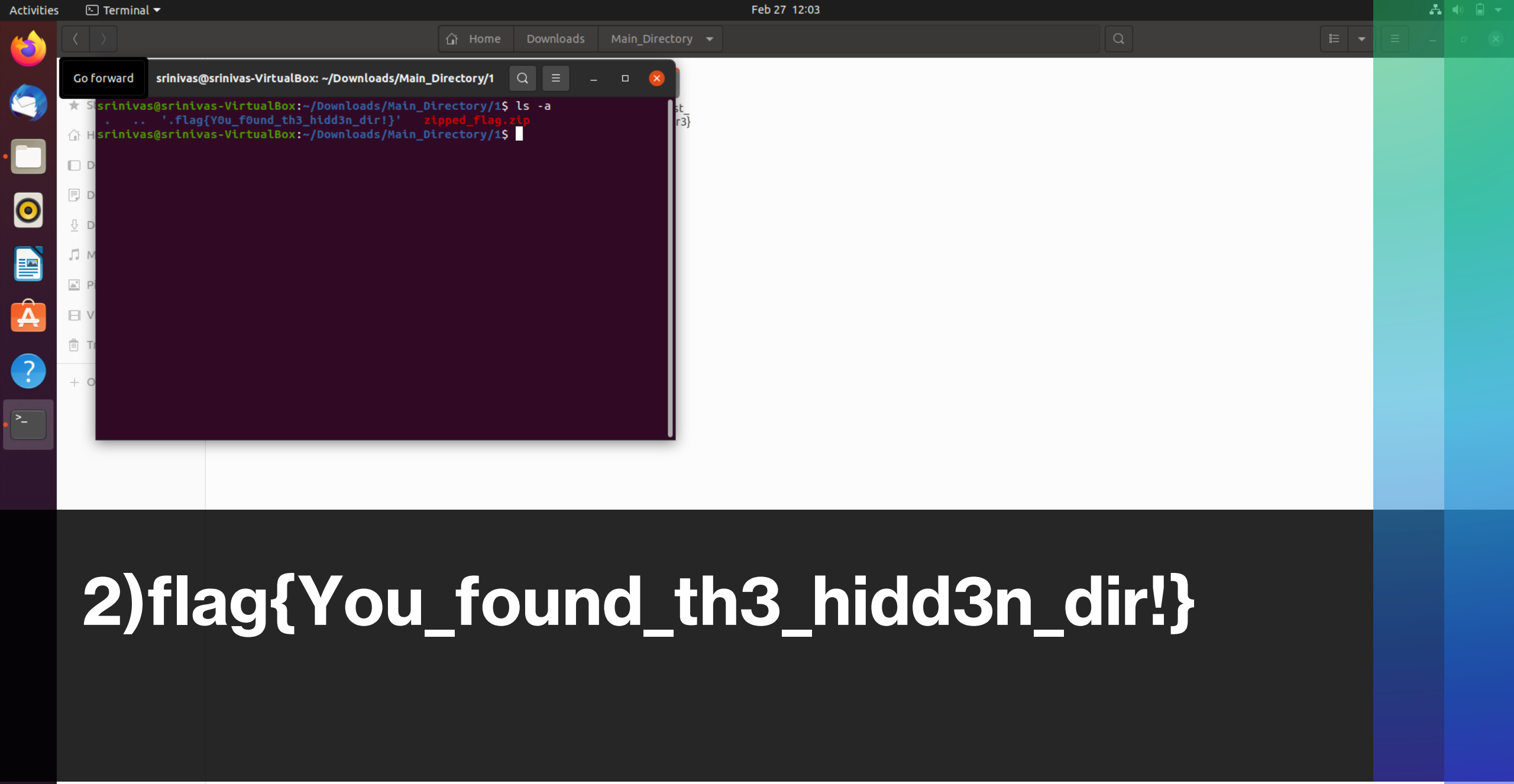
Bash: typically runs in a text window where the user types commands

that cause actions

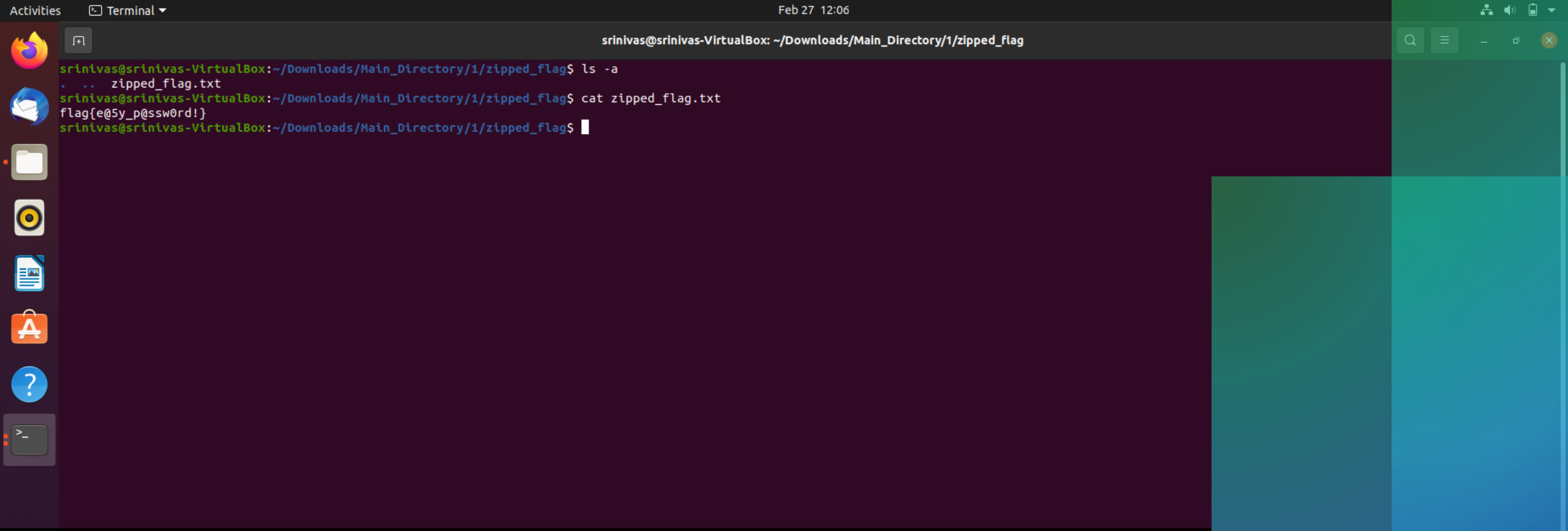
Ls-a: To display the hidden files


Activities
Terminal
Feb 25 18:16
srinivas
Trash
srinivas@srinivas-VirtualBox: ~/Downloads
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
srinivas@srinivas-VirtualBox:~$ ls
Desktop Documents Downloads Music Pictures Public snap Templates Videos
srinivas@srinivas-VirtualBox:~$ cd Downloads
srinivas@srinivas-VirtualBox:~/Downloads$ ls
Task.tar.gz
srinivas@srinivas-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
srinivas@srinivas-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
srinivas@srinivas-VirtualBox:~/Downloads$
I have extracted this file using the command shown below

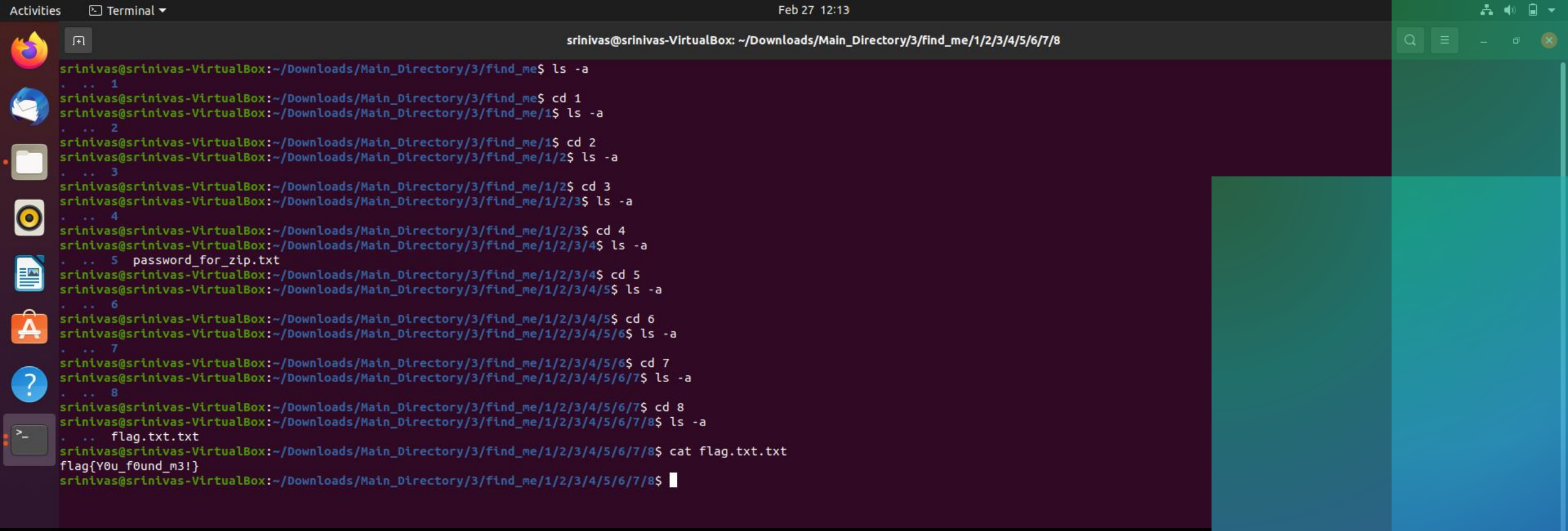

Activities
Terminal
Feb 27 11:55
srinivas@srinivas-VirtualBox: ~/Downloads/Main_Directory
srinivas@srinivas-VirtualBox:~/Downloads/Main_Directory$ ls -a
. .. 1 3 4 5 flag{f1rst_fl@g_h3r3}
srinivas@srinivas-VirtualBox:~/Downloads/Main_Directory$
1)flag{first_fl@g_h3r3}



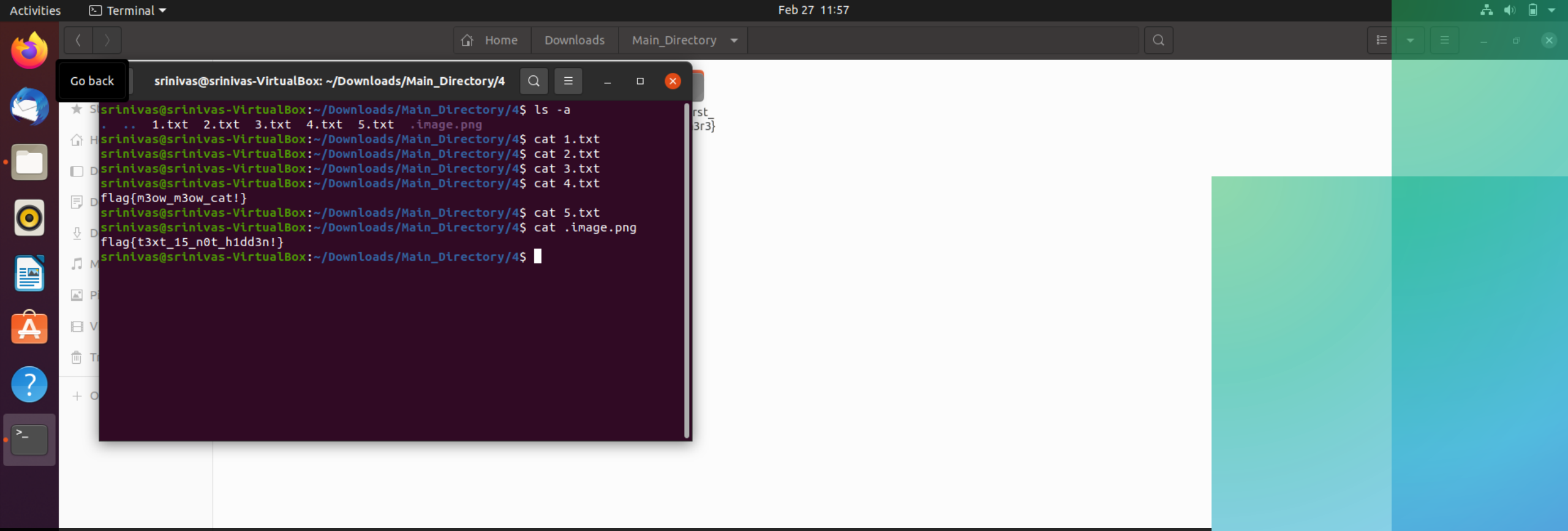
2)flag{You_found_th3_hidd3n_dir!}



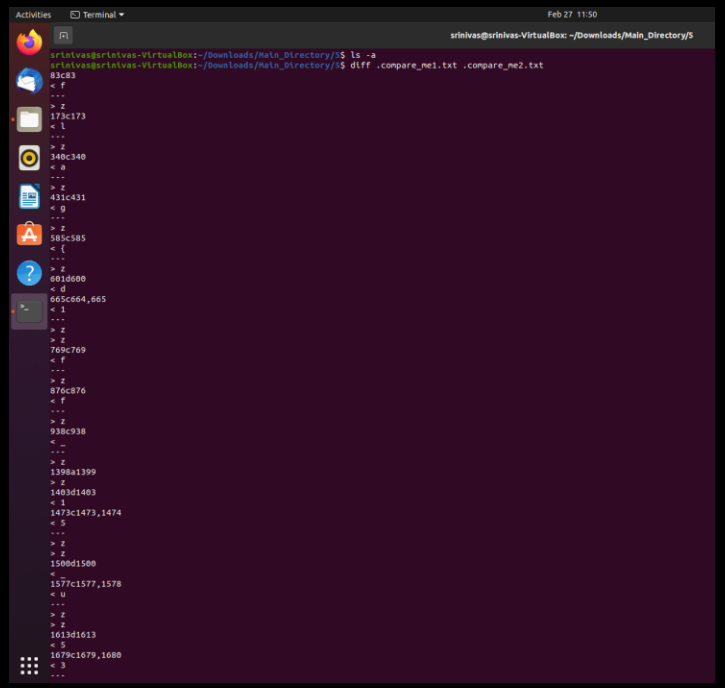
3)flag{e@5y_p@ssword!}

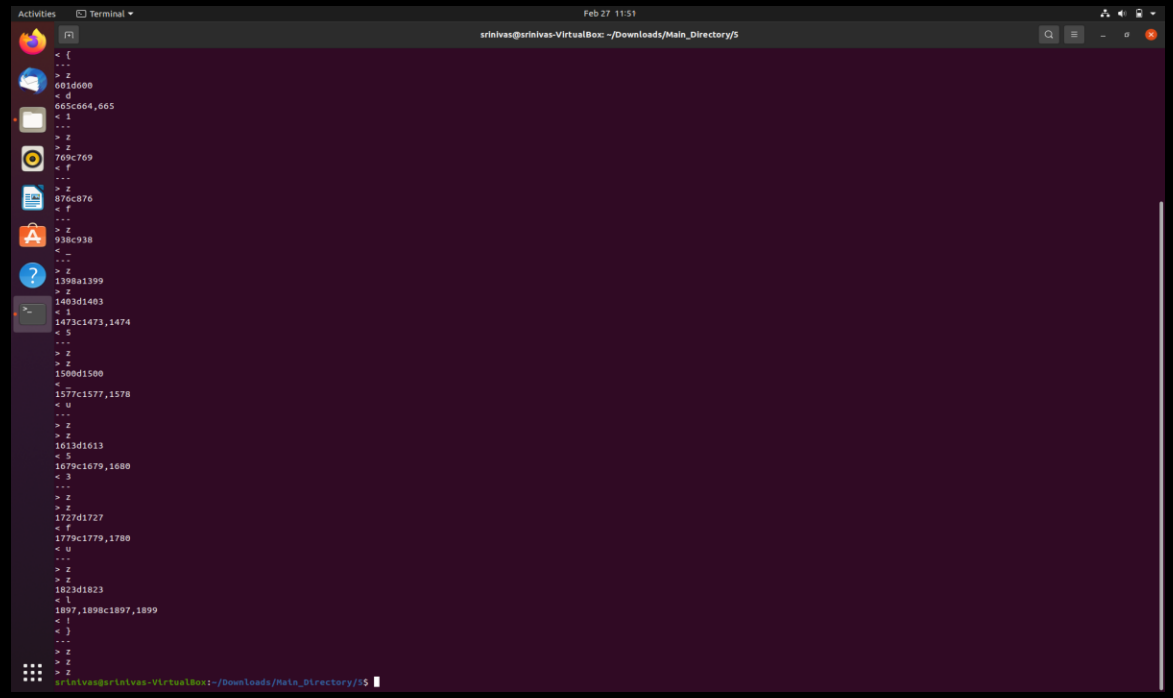


4)flag{Y0u_f0und_m3!}

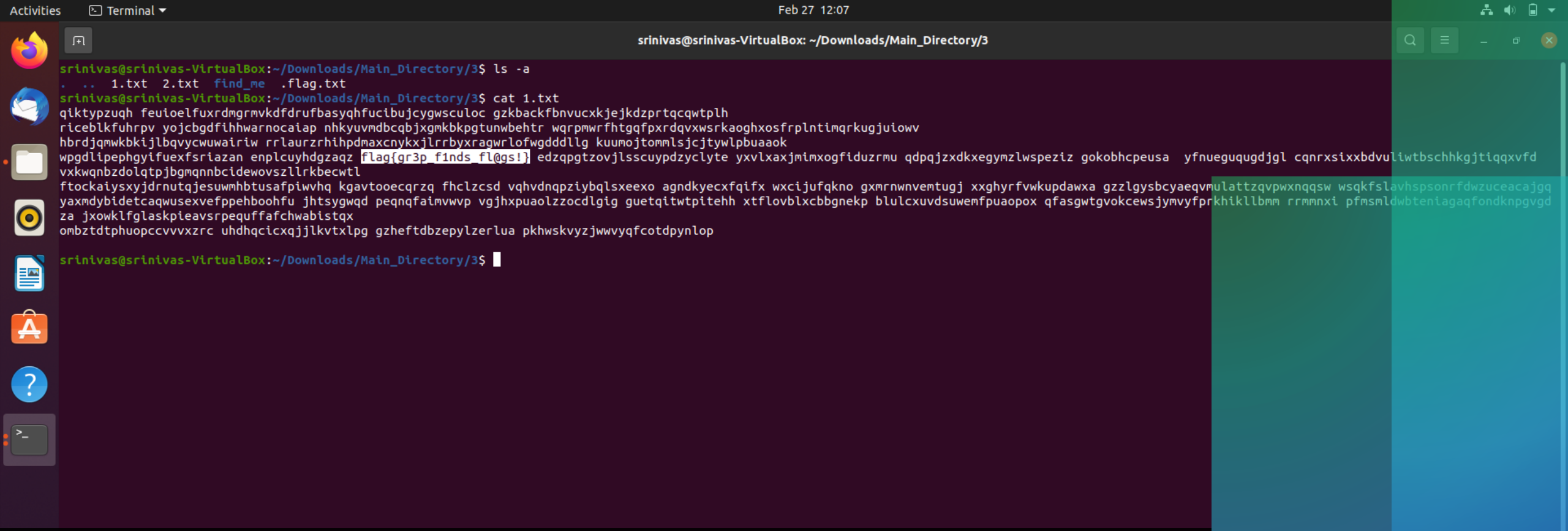


5)flag{m3ow_m3ow_cat!}
6)flag{t3xt_15_n0t_h1dd3n!}

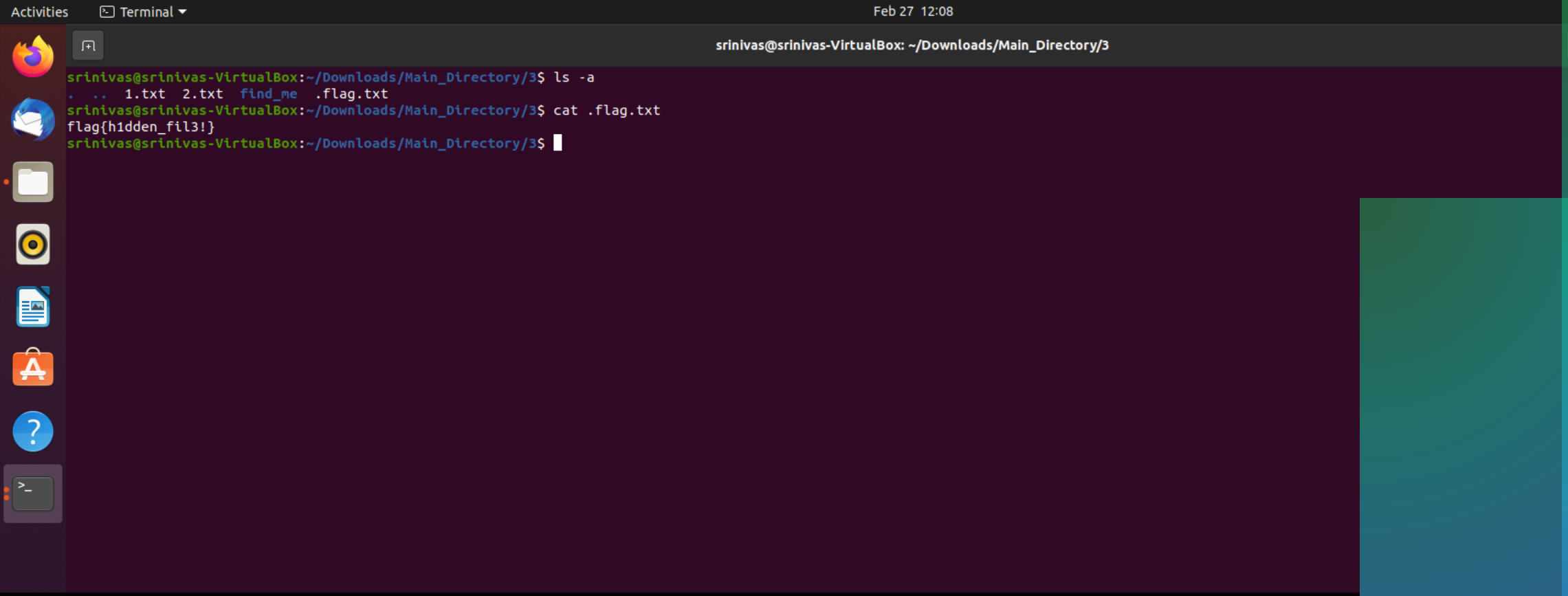




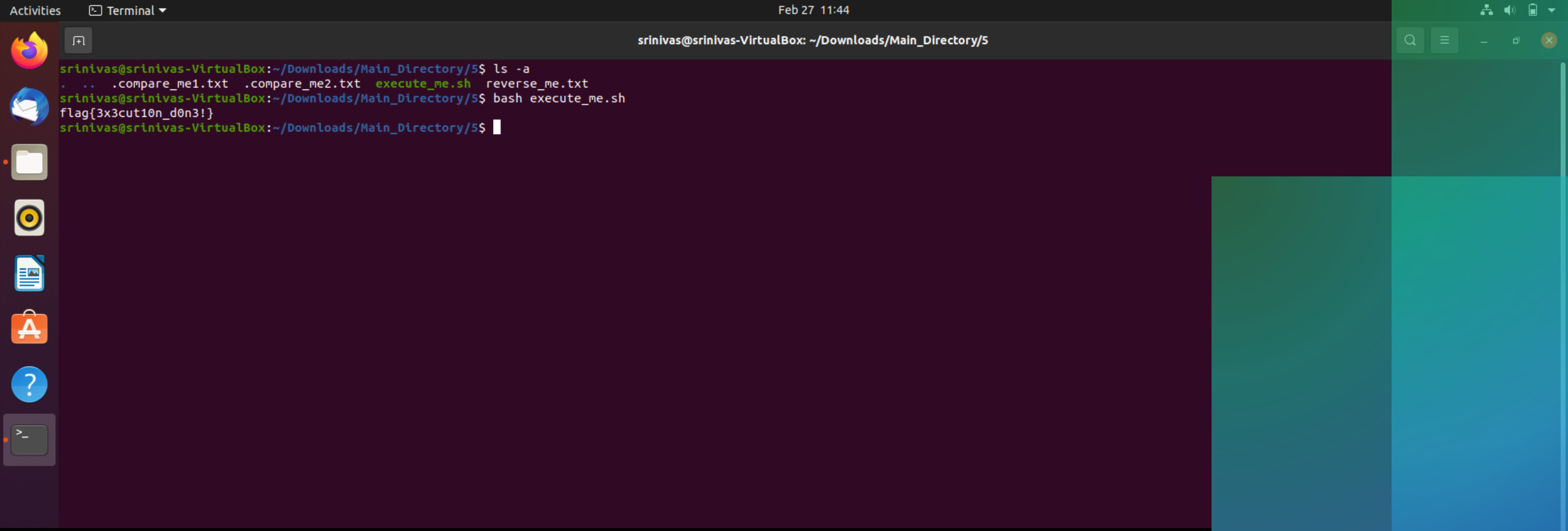
7)flag{d1ff_15_u53fu}



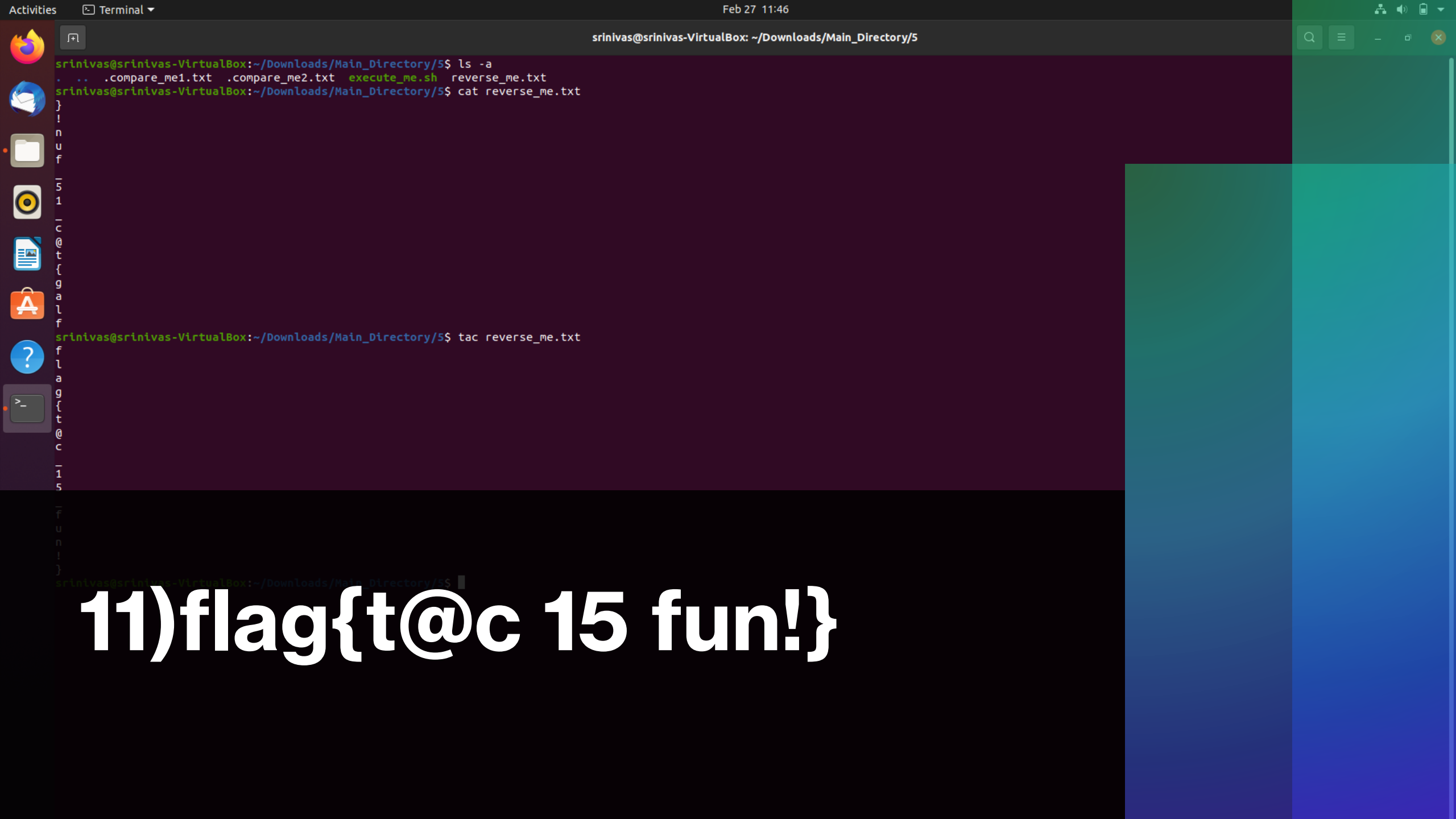
8)flag{gr3p_finds_fl@gs!}



9)flag{h1dden_fil3!}

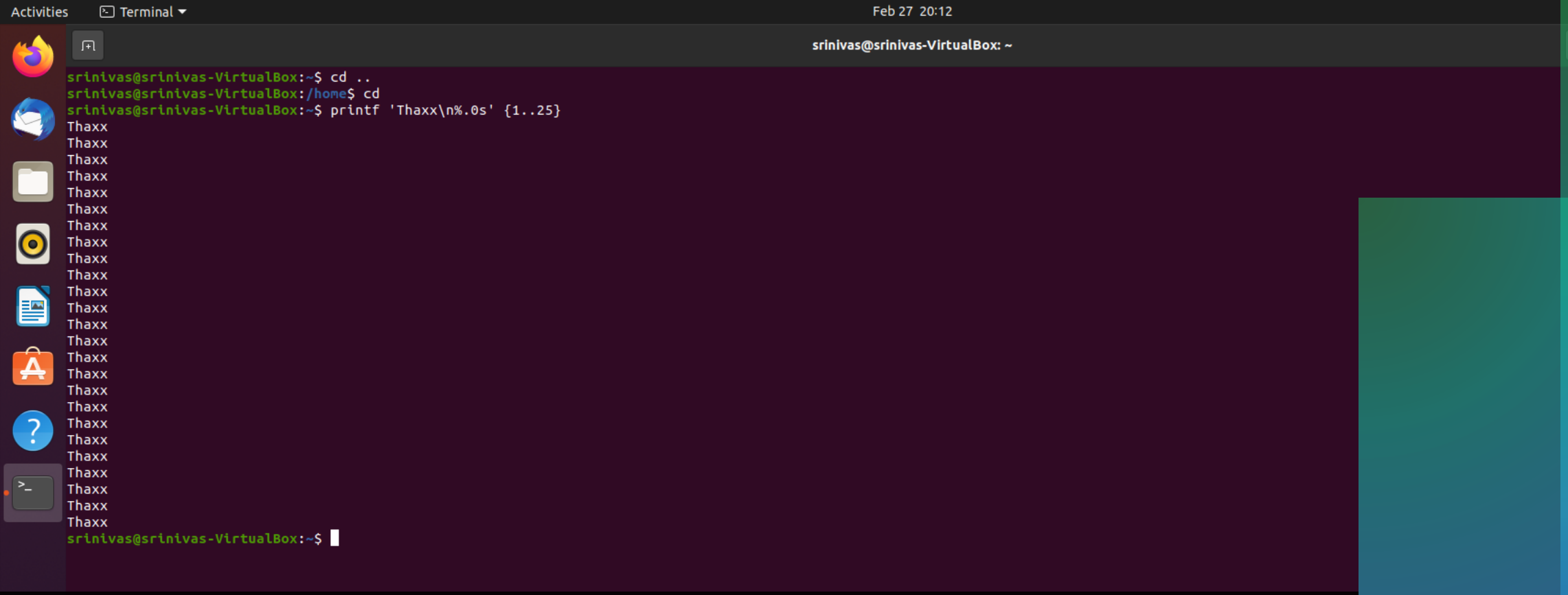


10)flag{3x3cut10n_d0n3!}

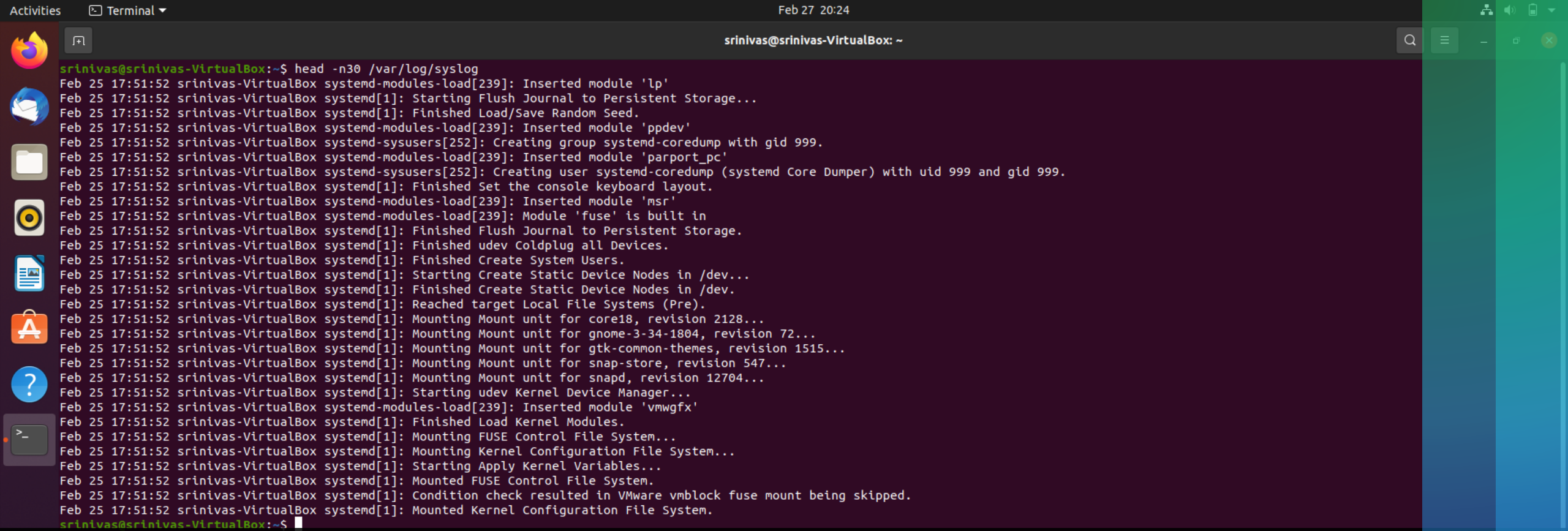

Activities
Terminal
Feb 27 11:46
srinivas@srinivas-VirtualBox: ~/Downloads/Main_Directory/5
srinivas@srinivas-VirtualBox:~/Downloads/Main_Directory/5$ ls -a
. .. .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt
srinivas@srinivas-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt
}
!
n
u
f
_
5
1
_
c
@
t
{
g
a
l
f
srinivas@srinivas-VirtualBox:~/Downloads/Main_Directory/5$ tac reverse_me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
srinivas@srinivas-VirtualBox:~/Downloads/Main_Directory/5$
11)flag{t@c 15 fun!}

PART-2

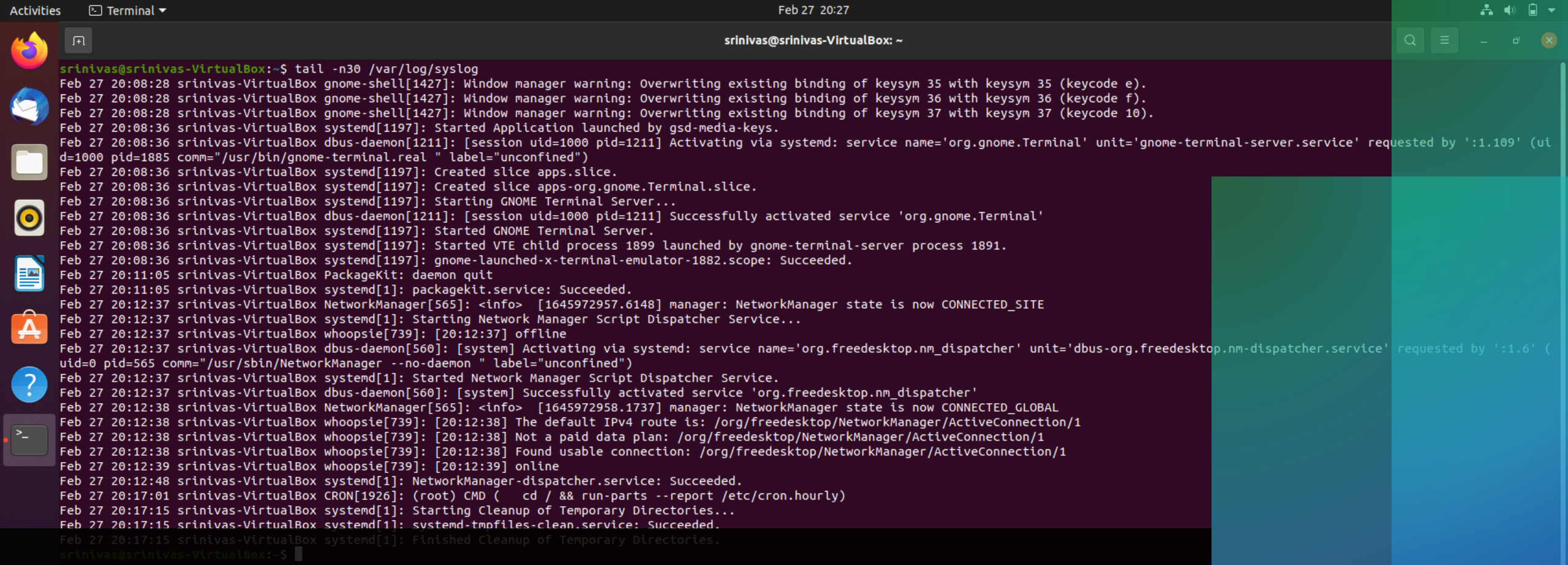
EXTRA COMMANDS



1.Write a bash script to echo your name 25 times.

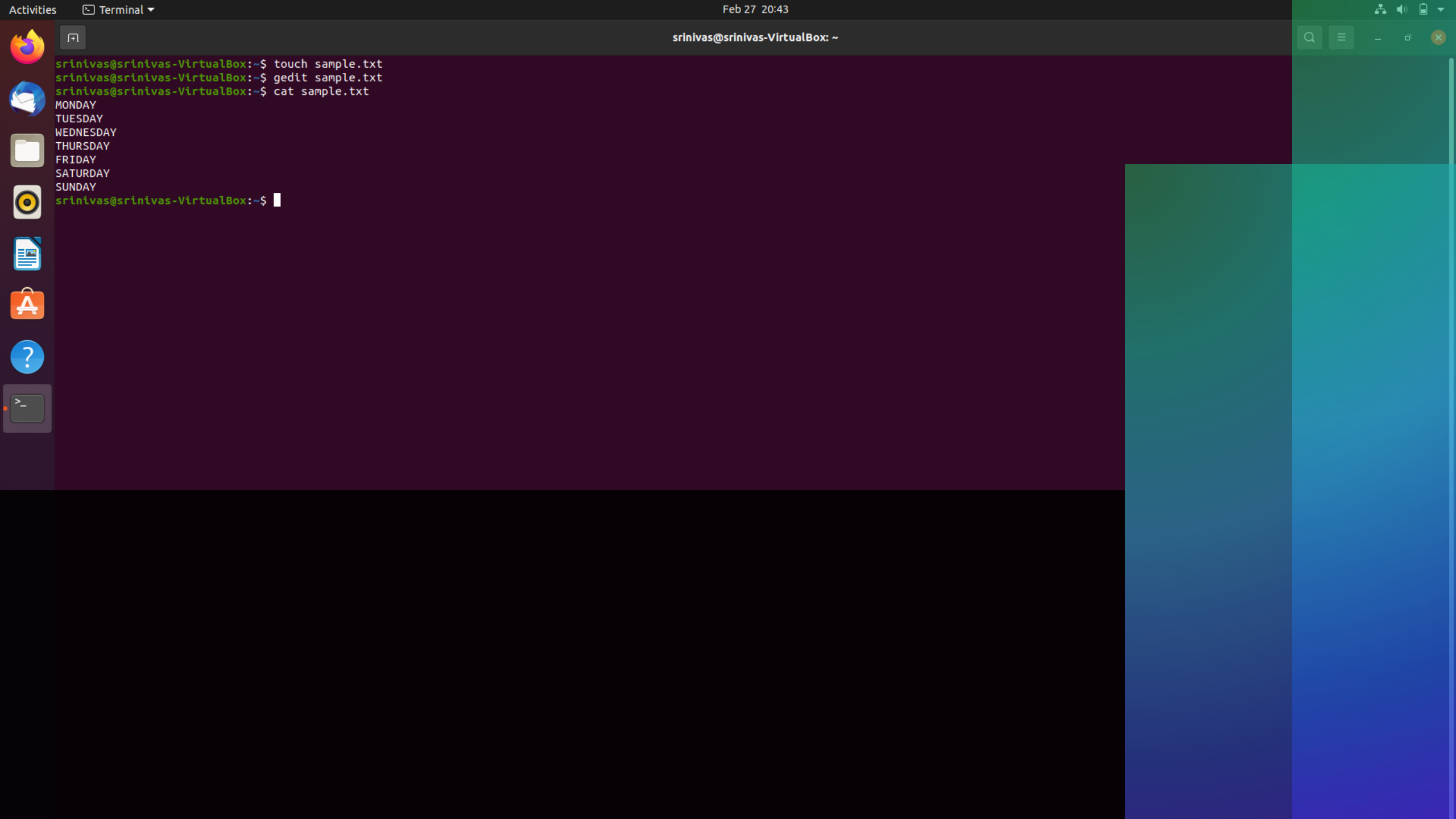


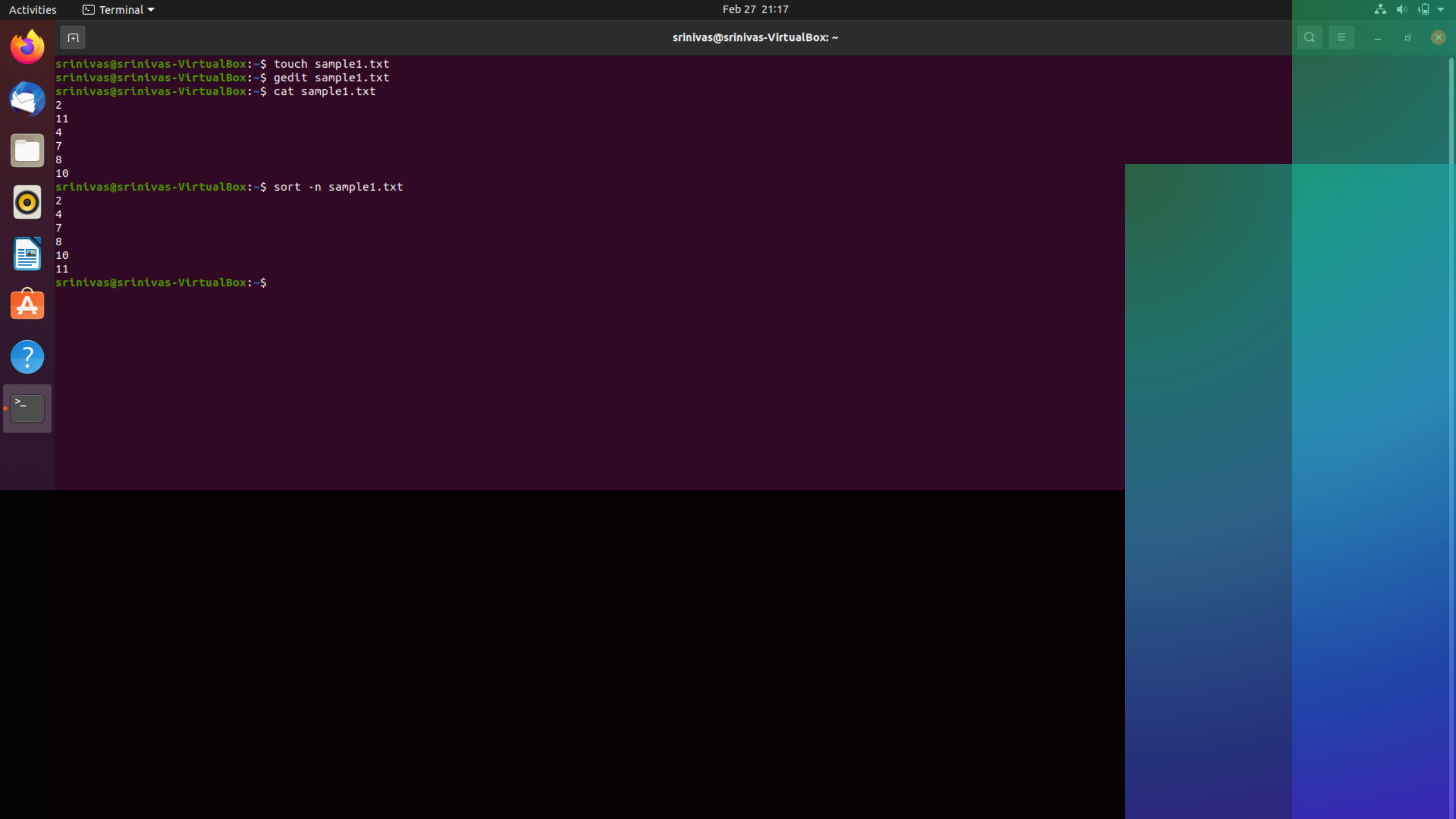
2.What command should I use to display the first 30 entries of a syslog file?



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

4. What command should I use to arrange the entries of a file?
a. Alphabetically
b.Reverse
c.Numeric

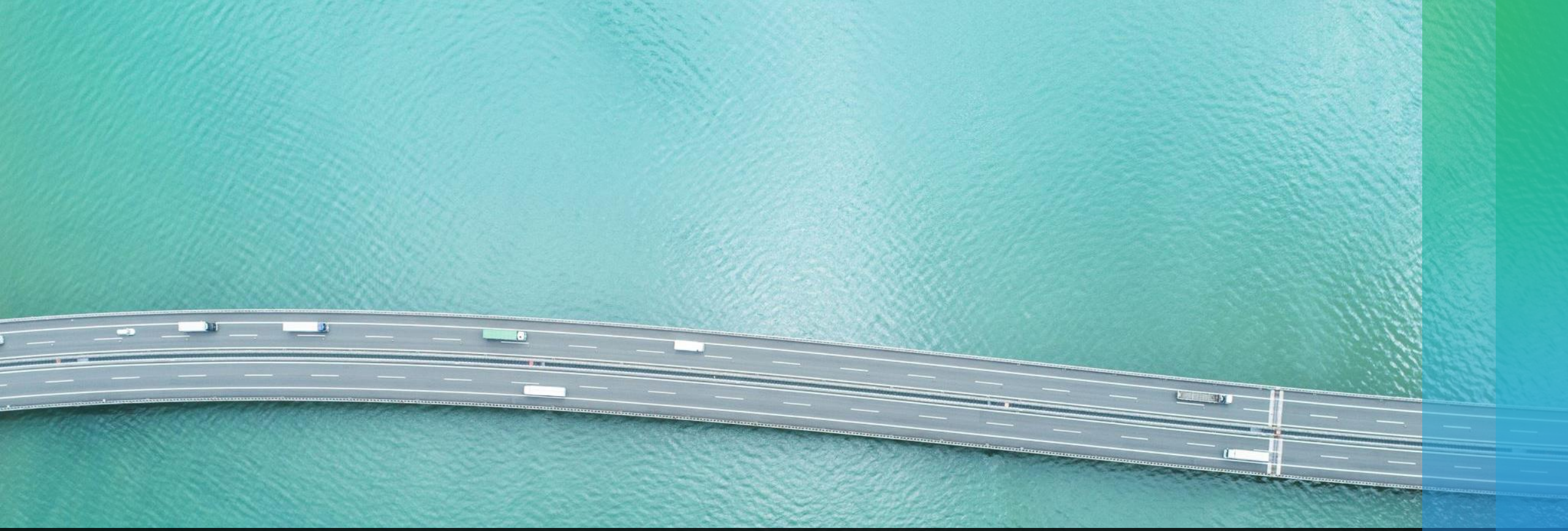

Activities
Terminal
Feb 27 20:43
srinivas@srinivas-VirtualBox: ~
srinivas@srinivas-VirtualBox:~$ touch sample.txt
srinivas@srinivas-VirtualBox:~$ gedit sample.txt
srinivas@srinivas-VirtualBox:~$ cat sample.txt
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
FRIDAY
SATURDAY
SUNDAY
srinivas@srinivas-VirtualBox:~$


Activities
Terminal
Feb 27 21:17
srinivas@srinivas-VirtualBox: ~
srinivas@srinivas-VirtualBox:~$ touch sample1.txt
srinivas@srinivas-VirtualBox:~$ gedit sample1.txt
srinivas@srinivas-VirtualBox:~$ cat sample1.txt
2
11
4
7
8
10
srinivas@srinivas-VirtualBox:~$ sort -n sample1.txt
2
4
7
8
10
11
srinivas@srinivas-VirtualBox:~$

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?

Ans: sort<filename> | uniq --c

6. What are the four parts of file's permission?
1. Read
2. Write
3. Delete
4. Execute



THANKYOU