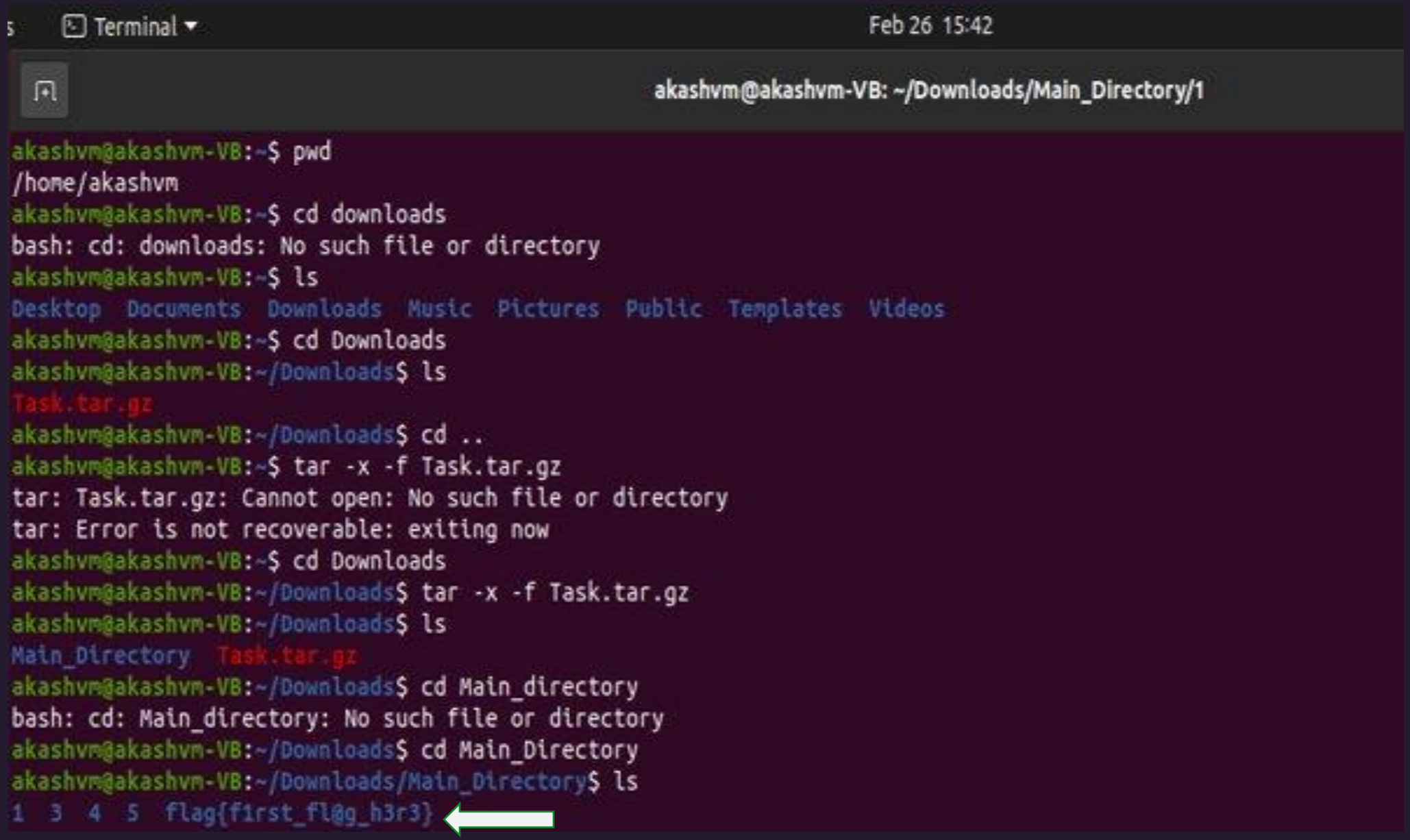
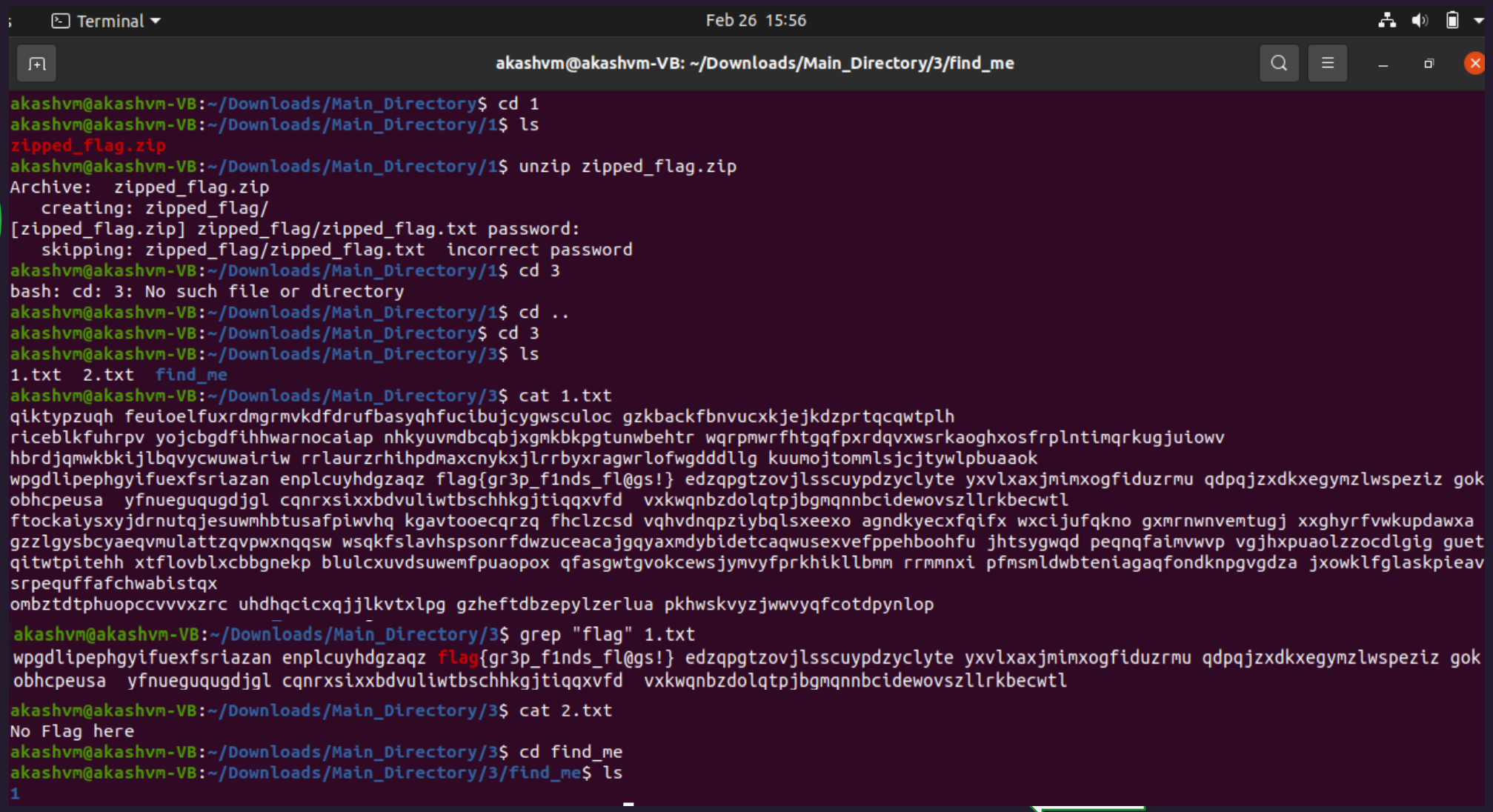
Task-5
Cys Basics

LINUX COMMANDS

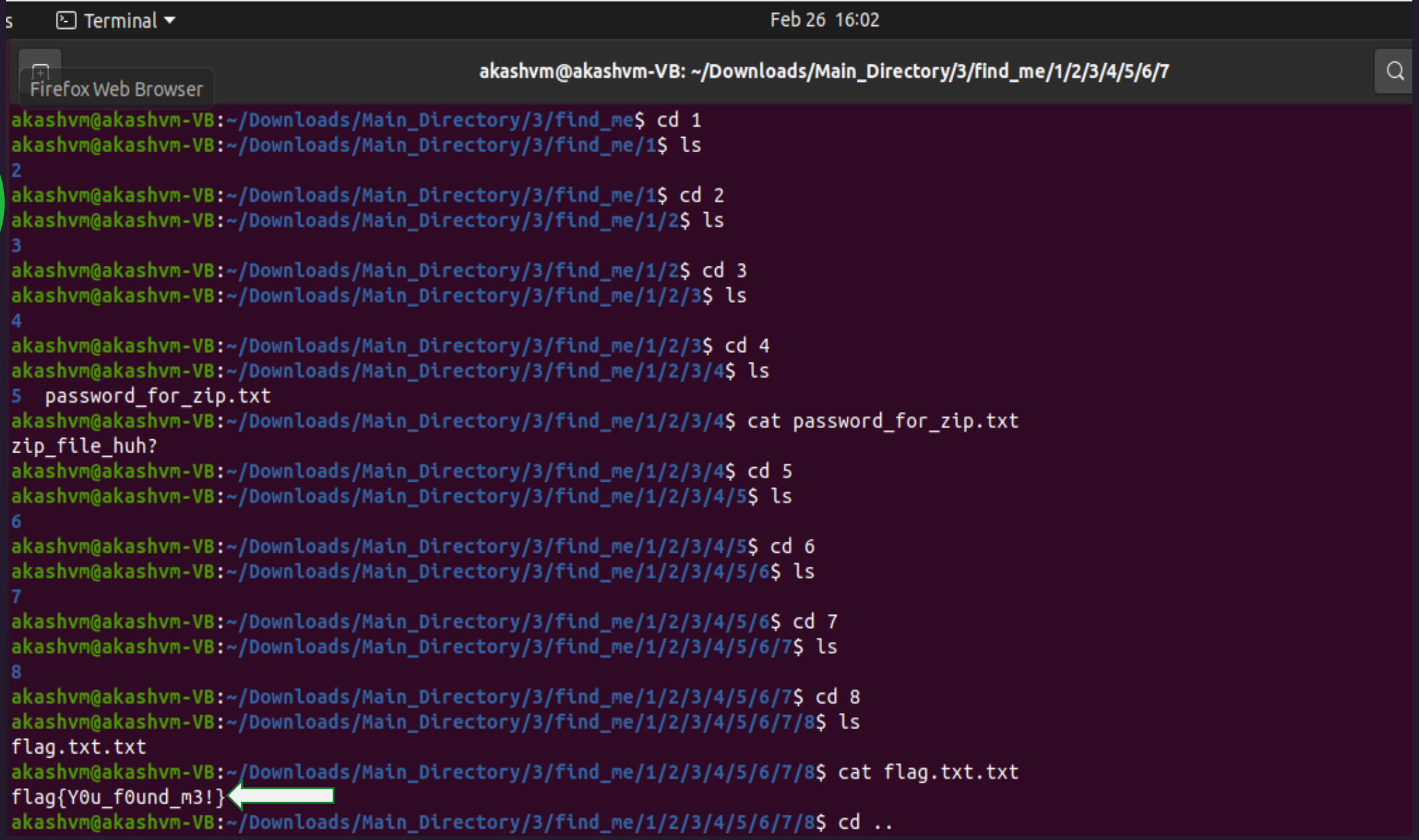
Finding the Flags



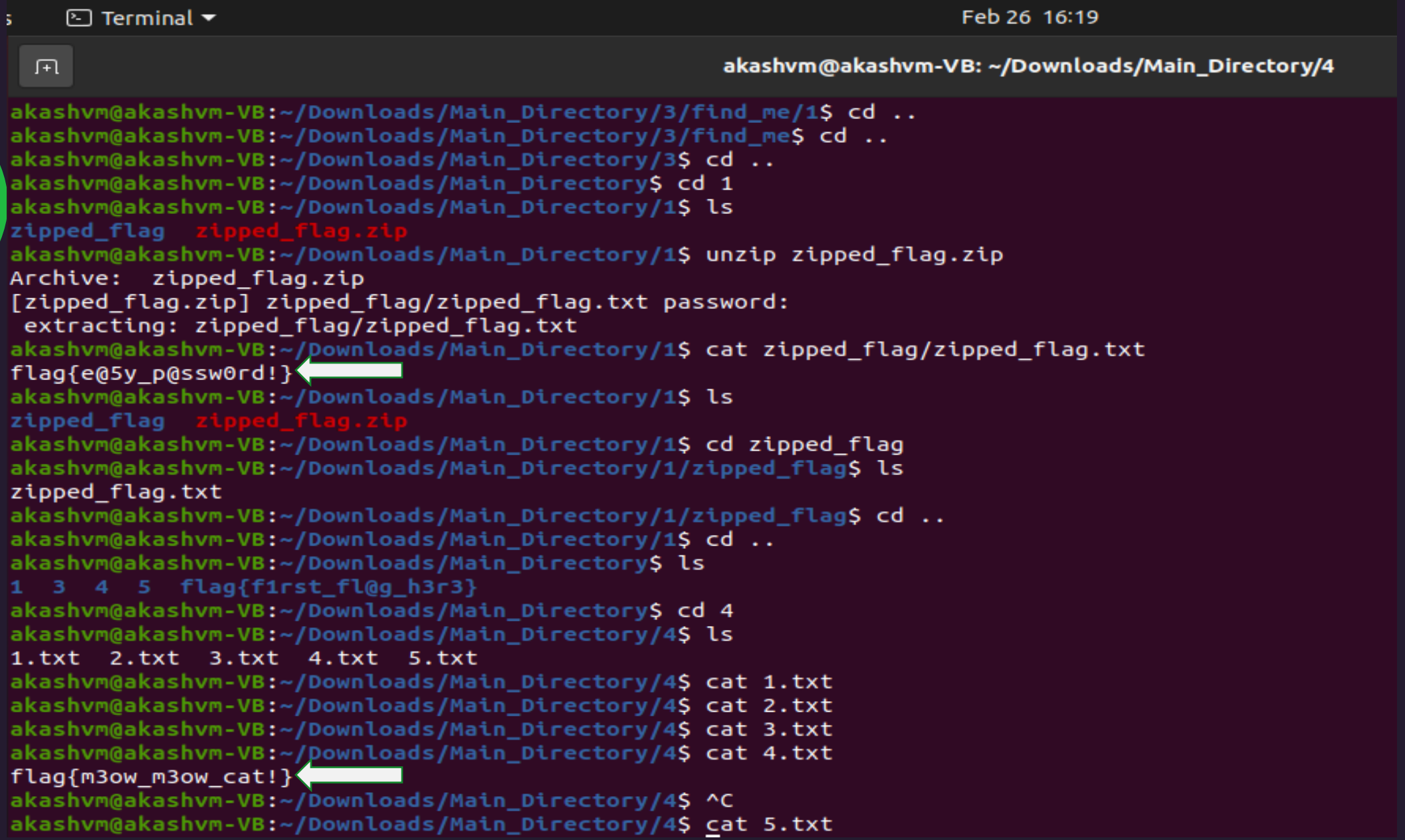
First Flag: flag{f1rst_fl@g_h3r3}



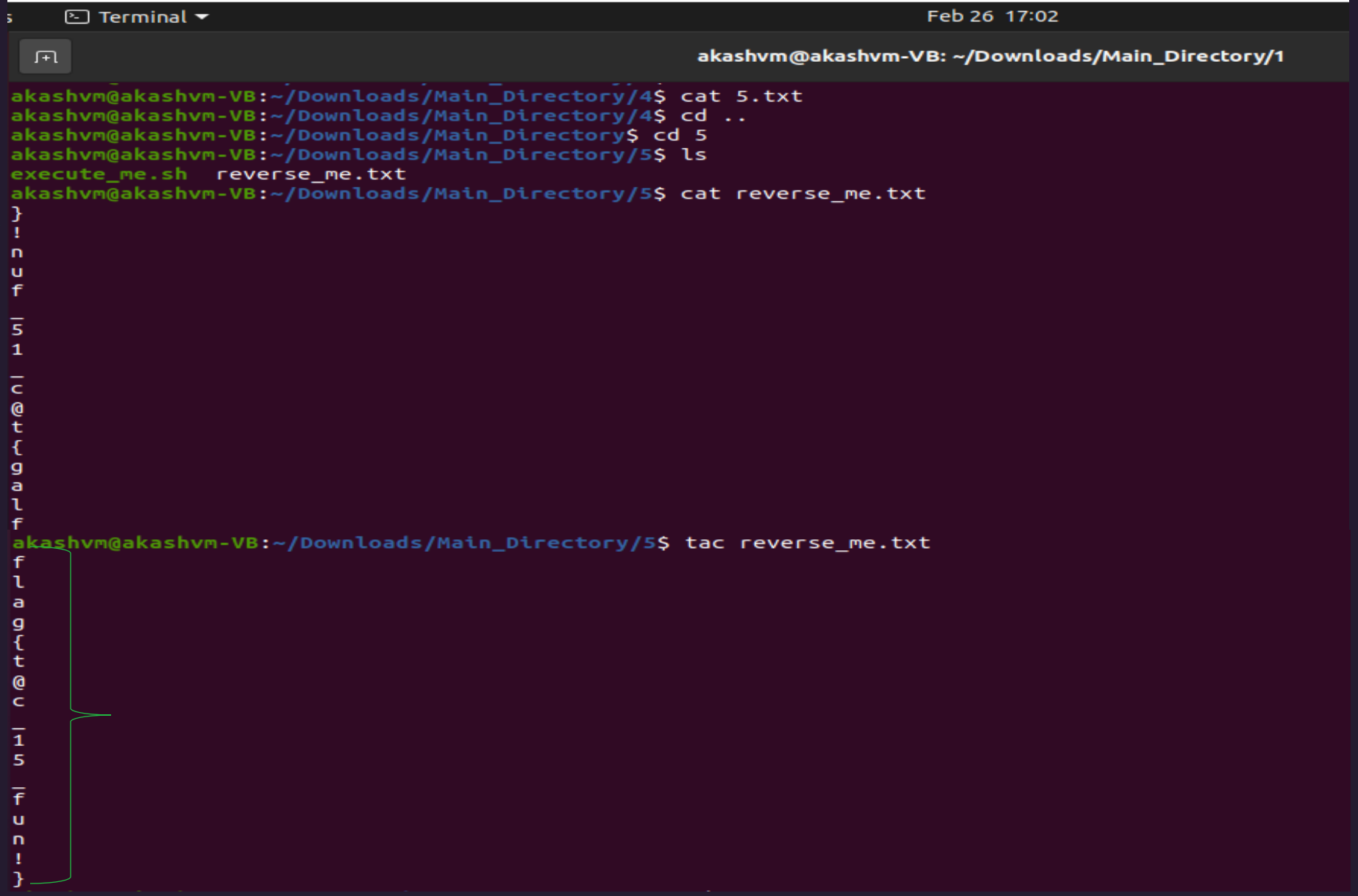
Second Flag: flag{gr3p_f1nds_fl@gs!}



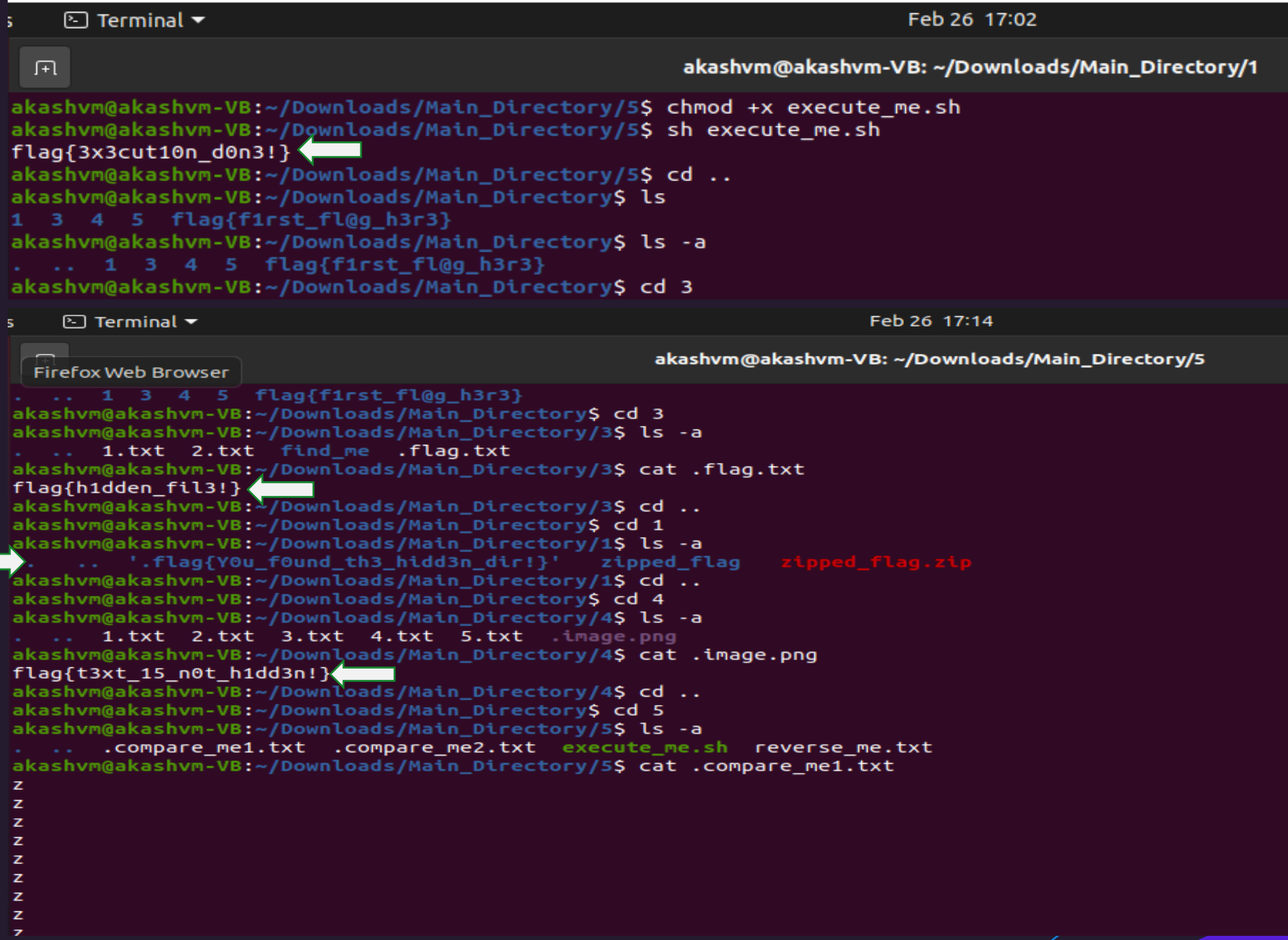
Third Flag: flag{Y0u_f0und_m3!}



Fourth Flag: flag{e@5y_p@ssw0rd!}
Fifth Flag: flag{m3ow_m3ow_cat!}



Sixth Flag: flag{t@c_ 15_ fun!}

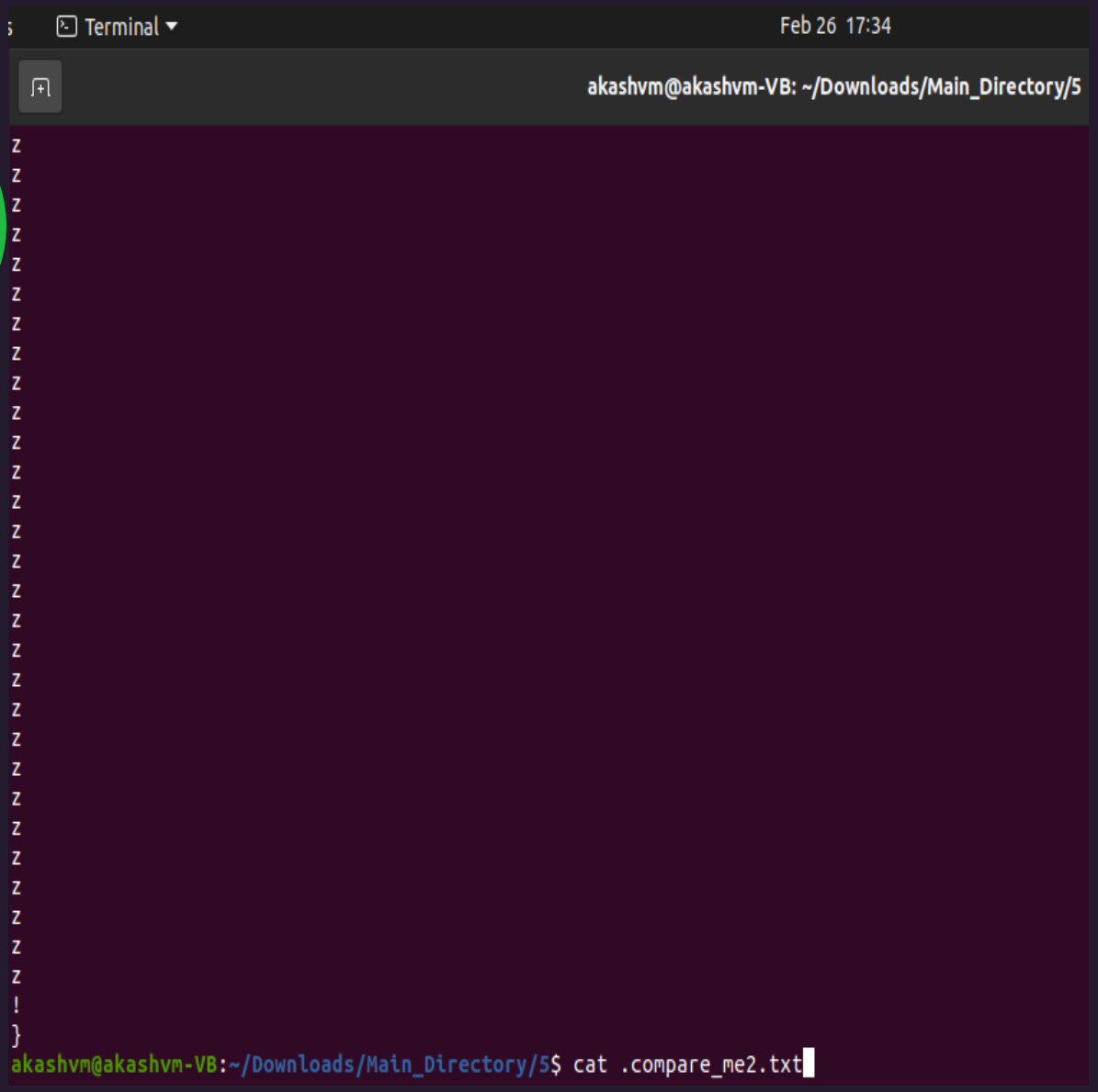


7th Flag
flag{3x3cut10n_d0n3!}

8th Flag
flag{h1dden_fil3!}

10th Flag
flag{t3xt_15_n0t_h1dd3n!}

9th flag: flag{Y0u_f0und_th3_hidd3n_dir!}


Terminal
Feb 26 17:34
akashvm@akashvm-VB: ~/Downloads/Main_Directory/5
z
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z
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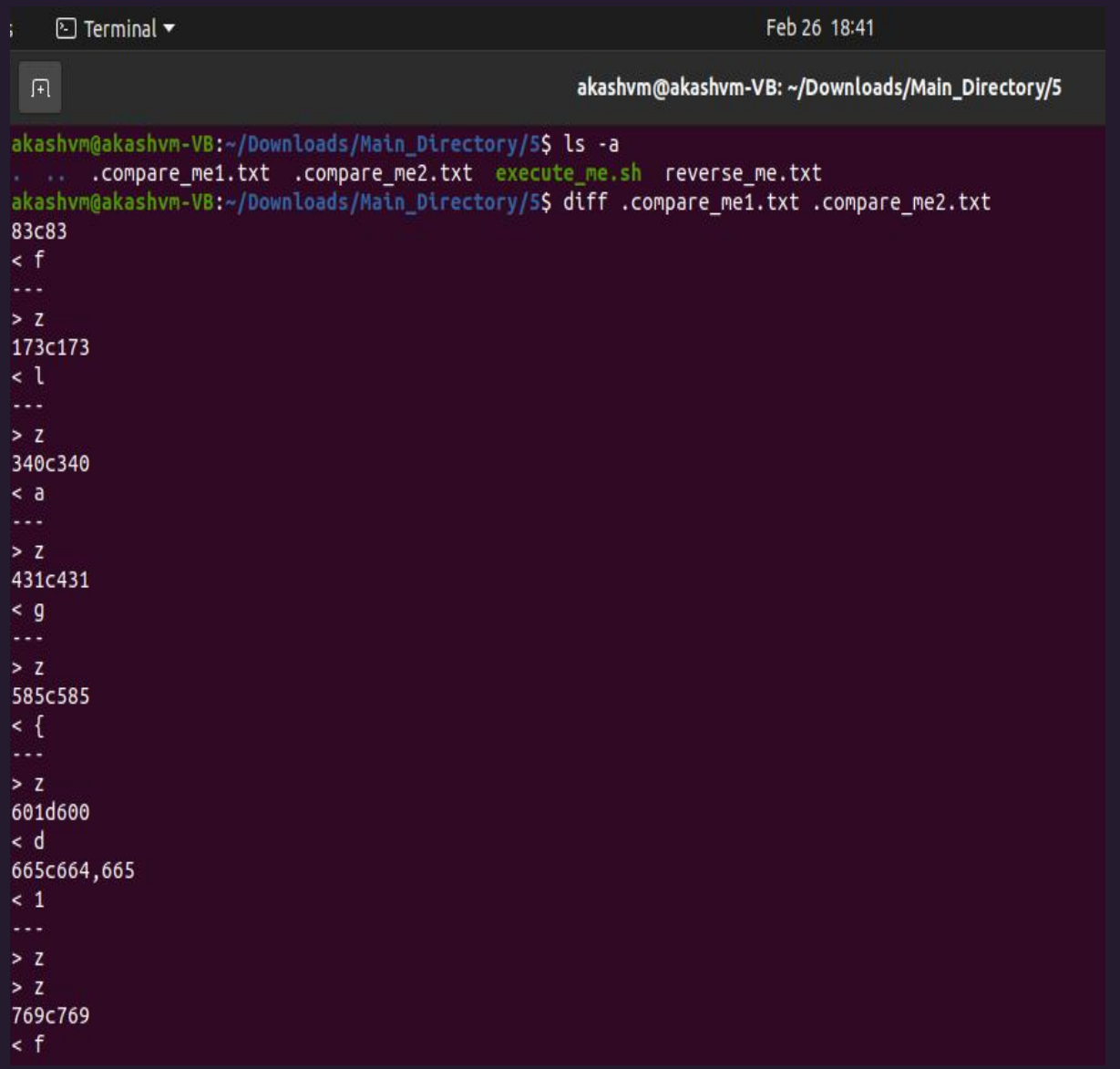
z
z
!
}
akashvm@akashvm-VB:~/Downloads/Main_Directory/5$ cat .compare_me2.txt


Terminal
Feb 26 18:41
akashvm@akashvm-VB: ~/Downloads/Main_Directory/5
akashvm@akashvm-VB:~/Downloads/Main_Directory/5$ ls -a
. .. .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt
akashvm@akashvm-VB:~/Downloads/Main_Directory/5$ diff .compare_me1.txt .compare_me2.txt
83c83
< f

> z
173c173
< l

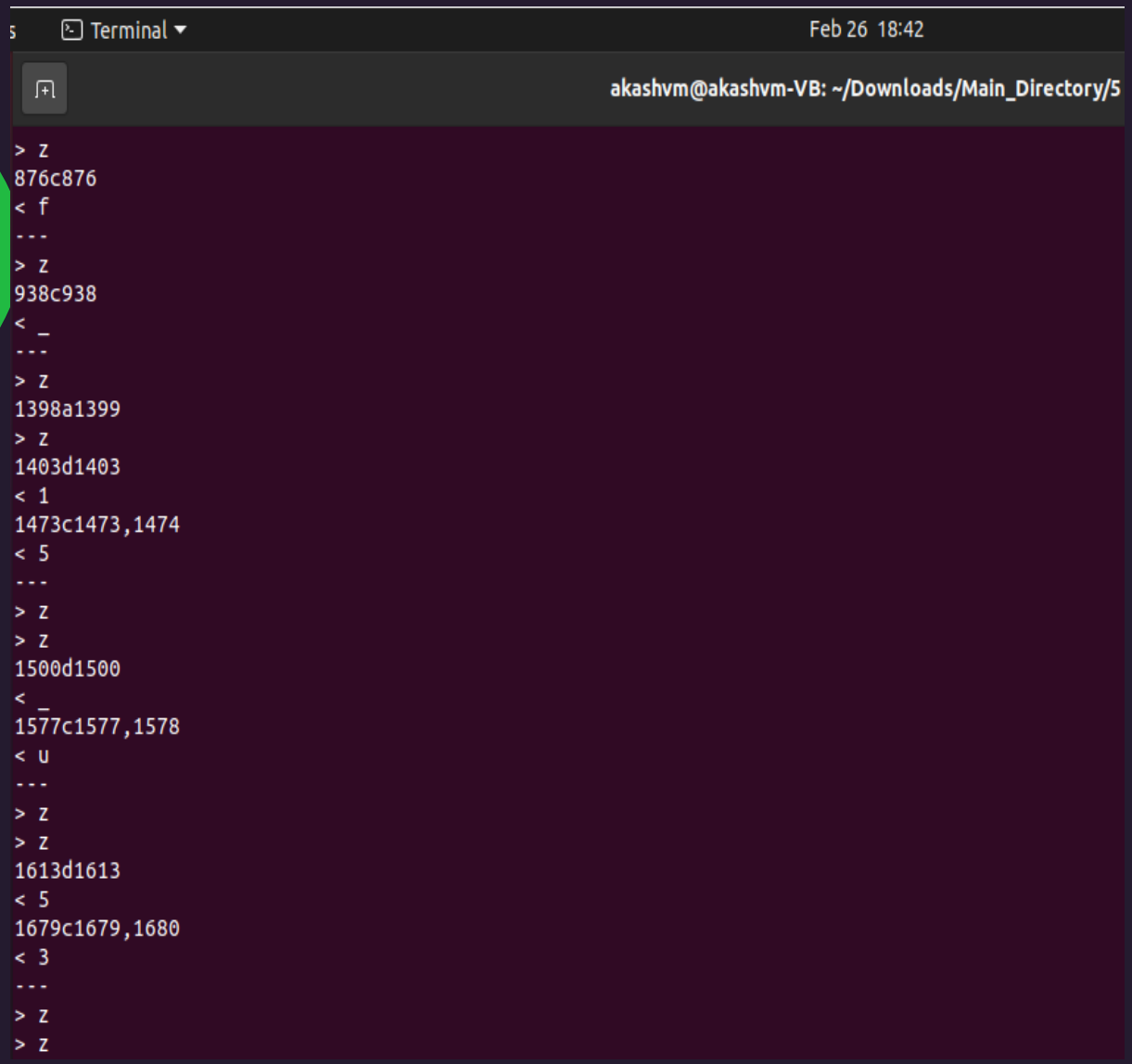
> z
340c340
< a

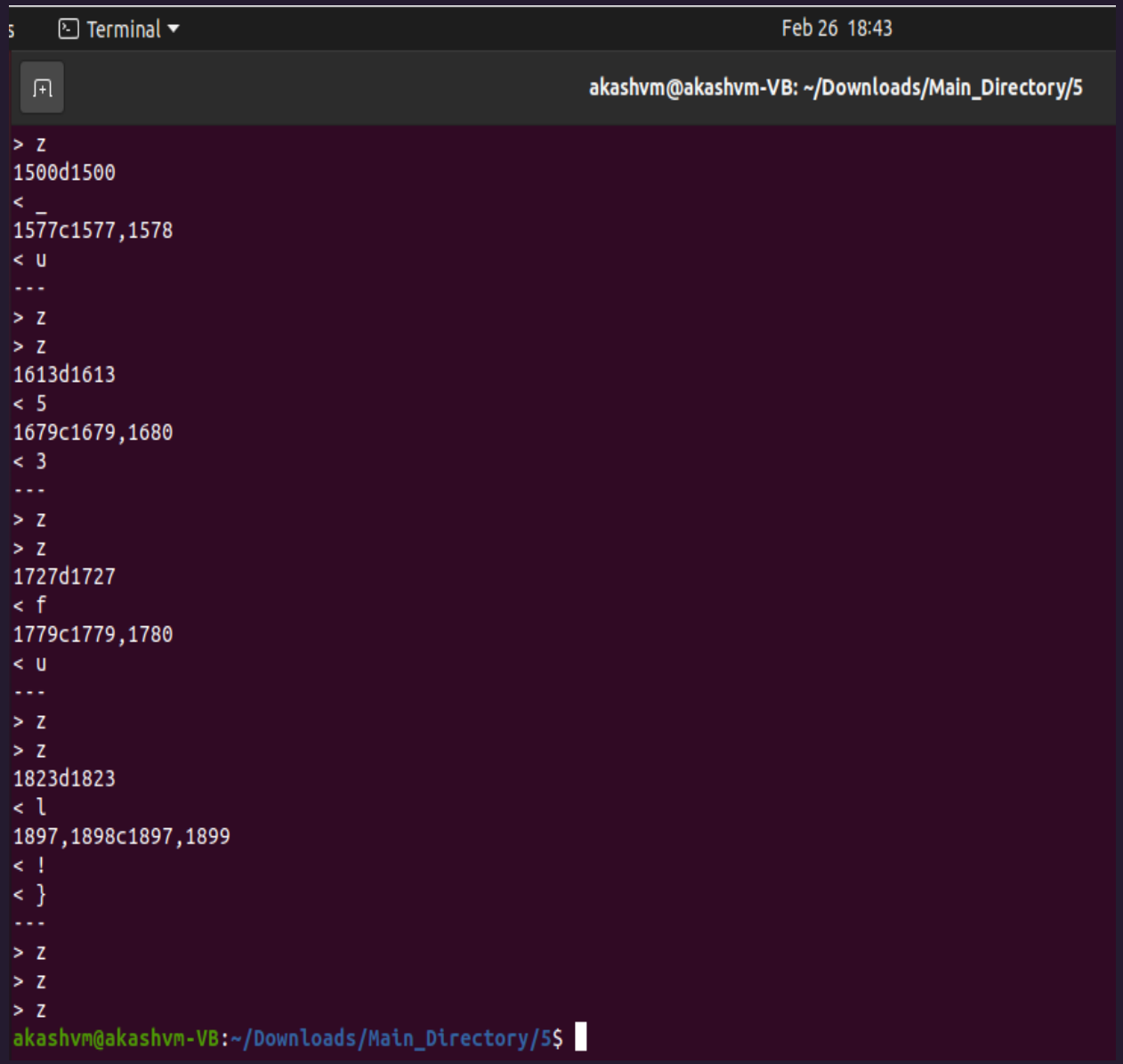
> z
431c431
< g

> z
585c585
< {

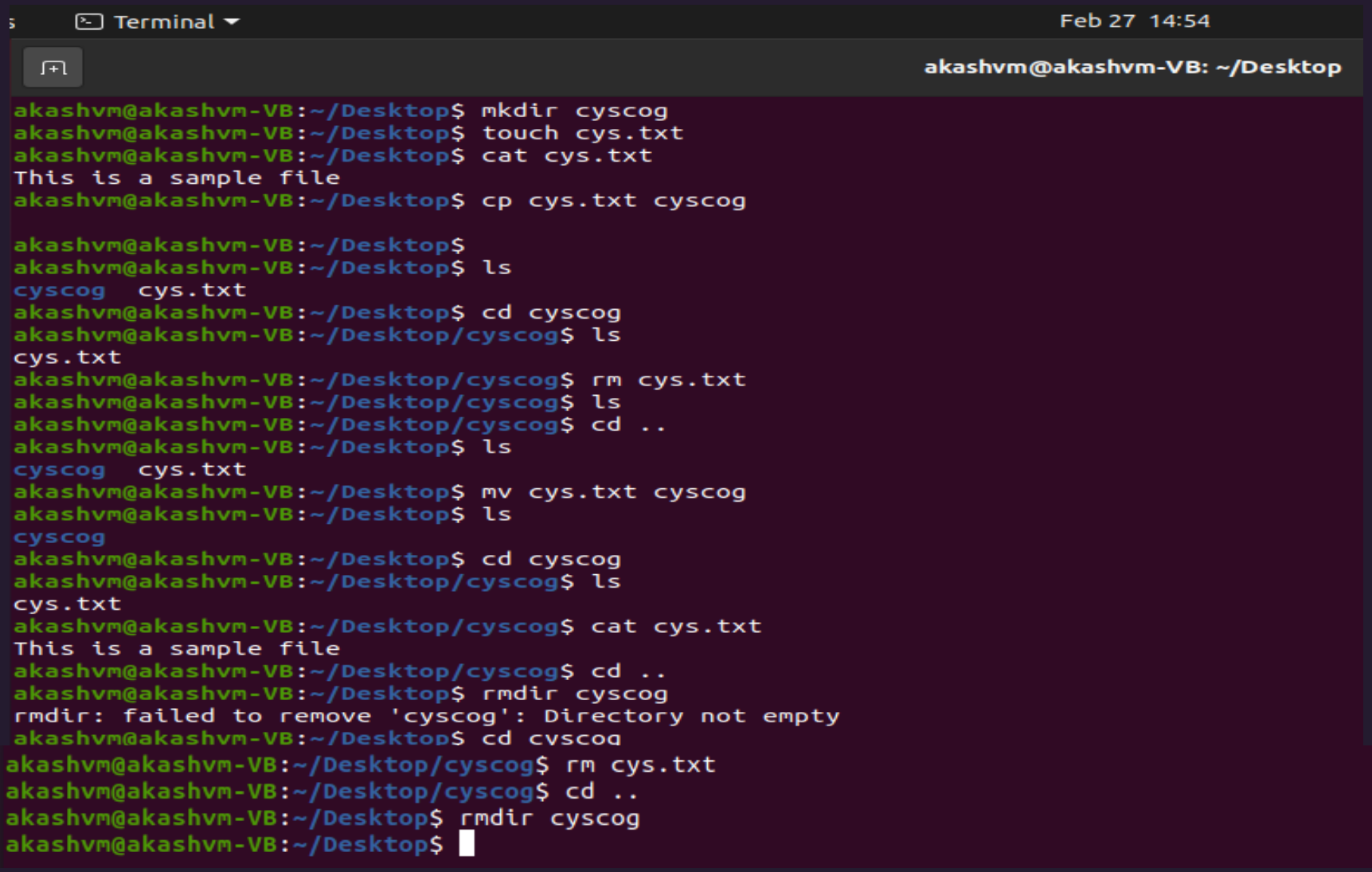
> z
601d600
< d
665c664,665
< 1

> z
> z
769c769
< f





11th Flag: flag{d1ff_c0mm@nd15_u53ful!}


Terminal
Feb 27 14:54
akashvm@akashvm-VB: ~/Desktop
akashvm@akashvm-VB:~/Desktop$ mkdir cyscog
akashvm@akashvm-VB:~/Desktop$ touch cys.txt
akashvm@akashvm-VB:~/Desktop$ cat cys.txt
This is a sample file
akashvm@akashvm-VB:~/Desktop$ cp cys.txt cyscog
akashvm@akashvm-VB:~/Desktop$
akashvm@akashvm-VB:~/Desktop$ ls
cyscog cys.txt
akashvm@akashvm-VB:~/Desktop$ cd cyscog
akashvm@akashvm-VB:~/Desktop/cyscog$ ls
cys.txt
akashvm@akashvm-VB:~/Desktop/cyscog$ rm cys.txt
akashvm@akashvm-VB:~/Desktop/cyscog$ ls
akashvm@akashvm-VB:~/Desktop/cyscog$ cd ..
akashvm@akashvm-VB:~/Desktop$ ls
cyscog cys.txt
akashvm@akashvm-VB:~/Desktop$ mv cys.txt cyscog
akashvm@akashvm-VB:~/Desktop$ ls
cyscog
akashvm@akashvm-VB:~/Desktop$ cd cyscog
akashvm@akashvm-VB:~/Desktop/cyscog$ ls
cys.txt
akashvm@akashvm-VB:~/Desktop/cyscog$ cat cys.txt
This is a sample file
akashvm@akashvm-VB:~/Desktop/cyscog$ cd ..
akashvm@akashvm-VB:~/Desktop$ rmdir cyscog
rmdir: failed to remove 'cyscog': Directory not empty
akashvm@akashvm-VB:~/Desktop$ cd cyscog
akashvm@akashvm-VB:~/Desktop/cyscog$ rm cys.txt
akashvm@akashvm-VB:~/Desktop/cyscog$ cd ..
akashvm@akashvm-VB:~/Desktop$ rmdir cyscog
akashvm@akashvm-VB:~/Desktop$

PART 2

- Write a bash script to echo your name 25 times

SCRIPT

Open | Q1.sh ~/Documents/c... | Save

```
1 for ((i=0;i<=25;i++))
2 do
3 echo "Akashvarma"
4 done
```

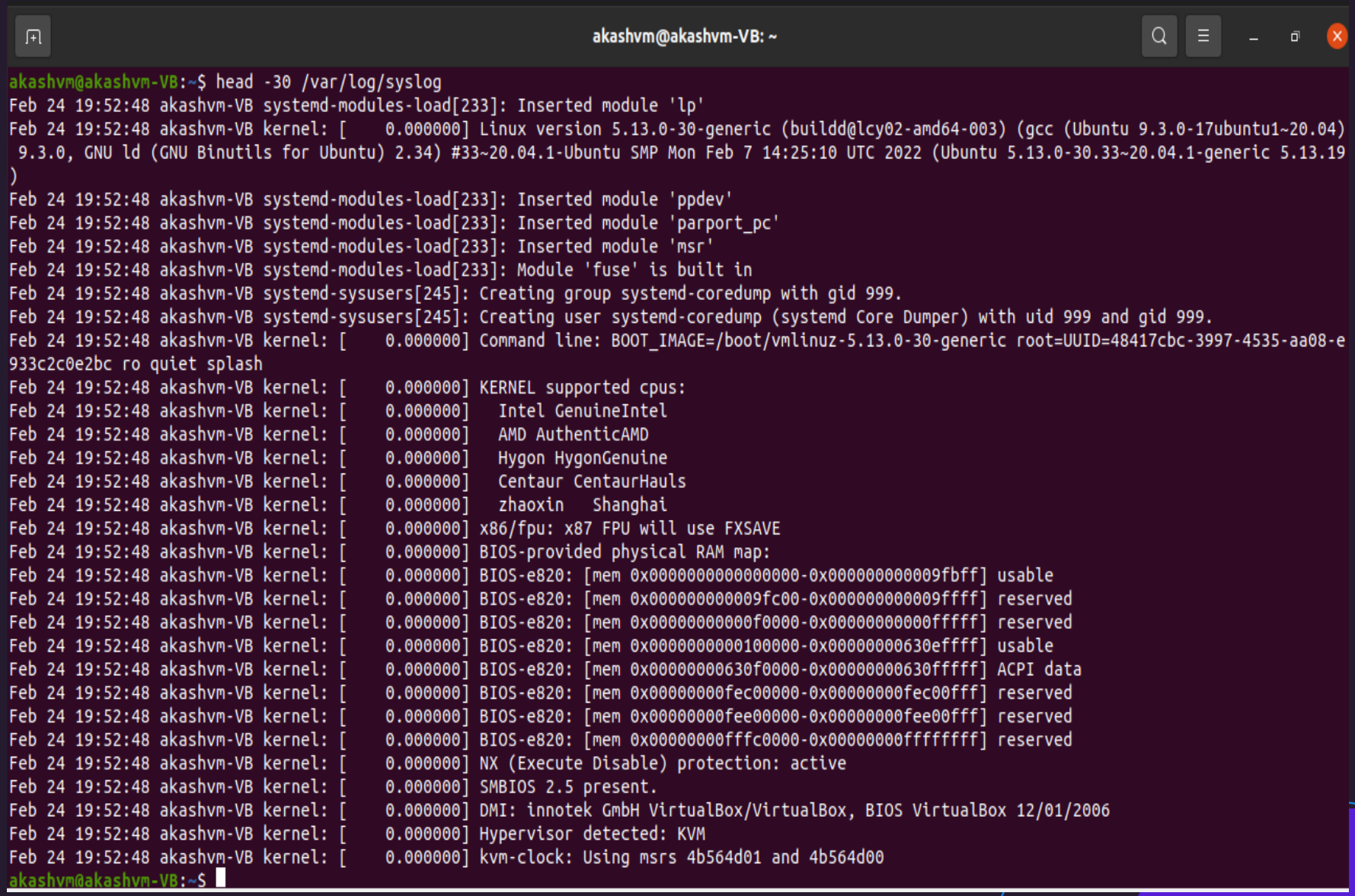
OUTPUT

akashvm@akashvm-VB: ~/Documents/cognizancecys

```
akashvm@akashvm-VB:~/Documents/cognizancecys$ bash Q1.sh
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
Akashvarma
akashvm@akashvm-VB:~/Documents/cognizancecys$
```

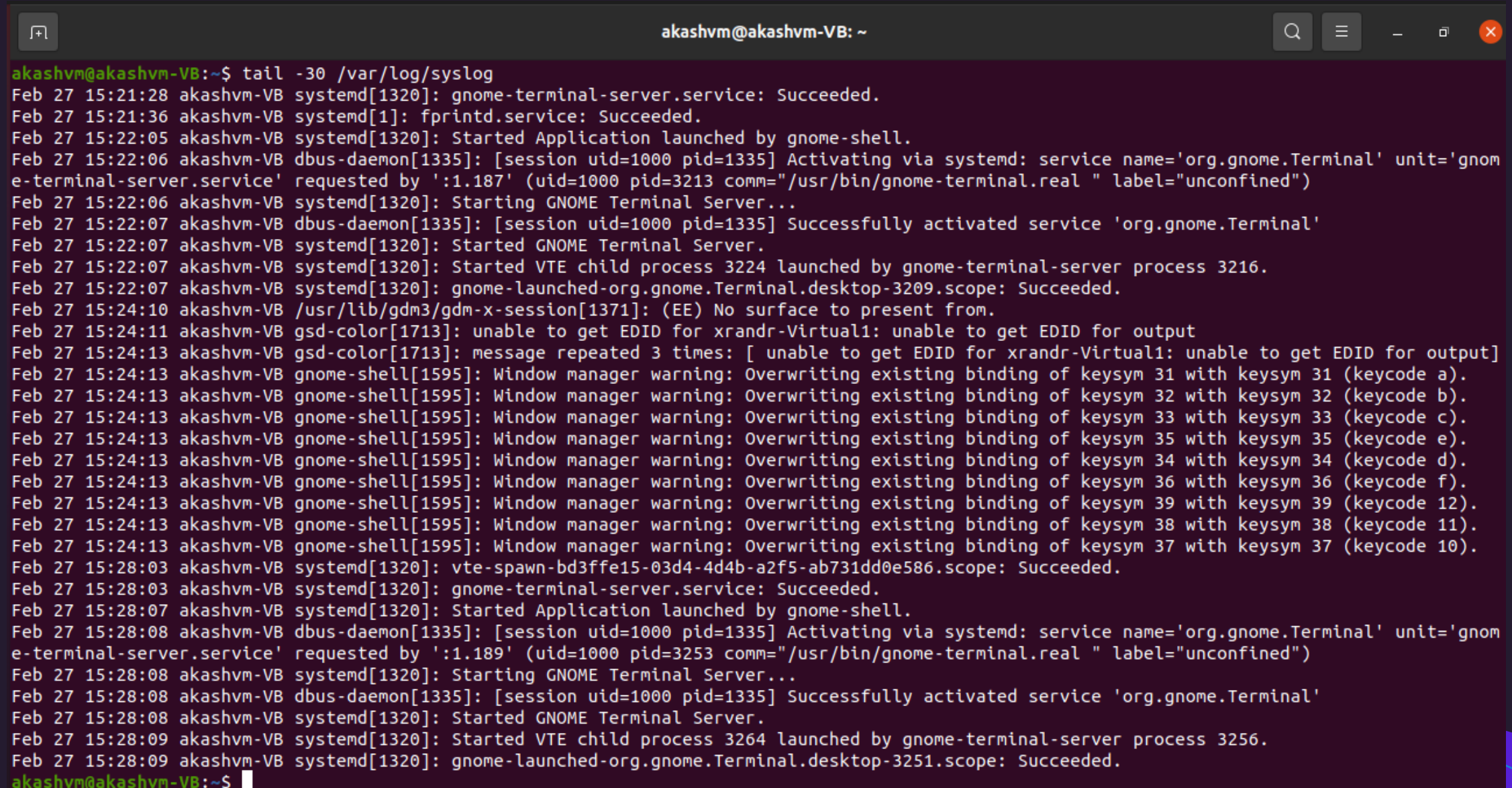
- What command should I use to display the **first** 30 entries of syslog file?

Command: head -30 /var/log/syslog



- What command should I use to display the **last** 30 entries of syslog file?

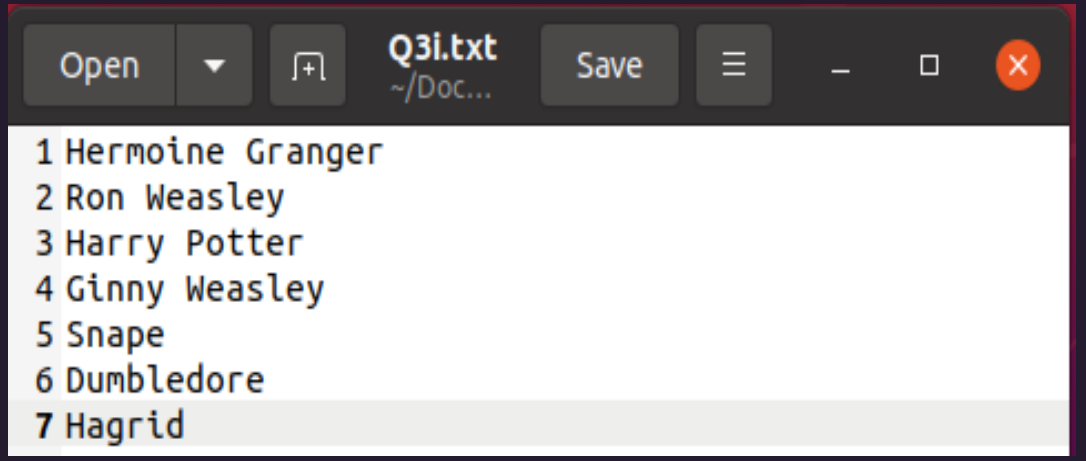
Command: tail -30 /var/log/syslog

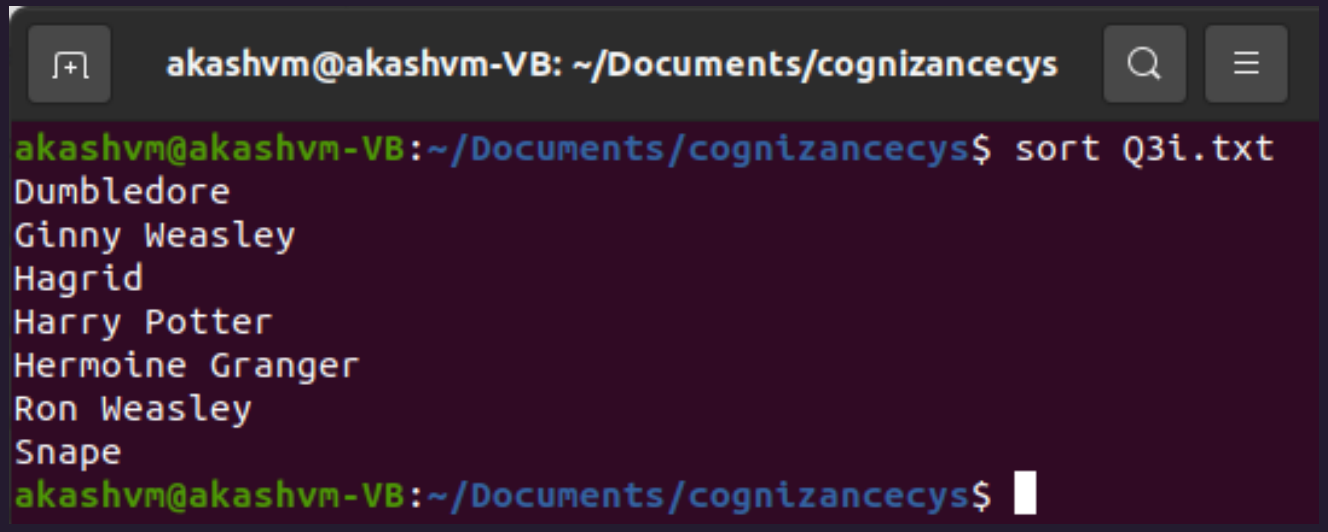


- What command should I use to arrange the entries of a file
  - Alphabetically

Command: sort filename.txt

Text file Q3i.txt



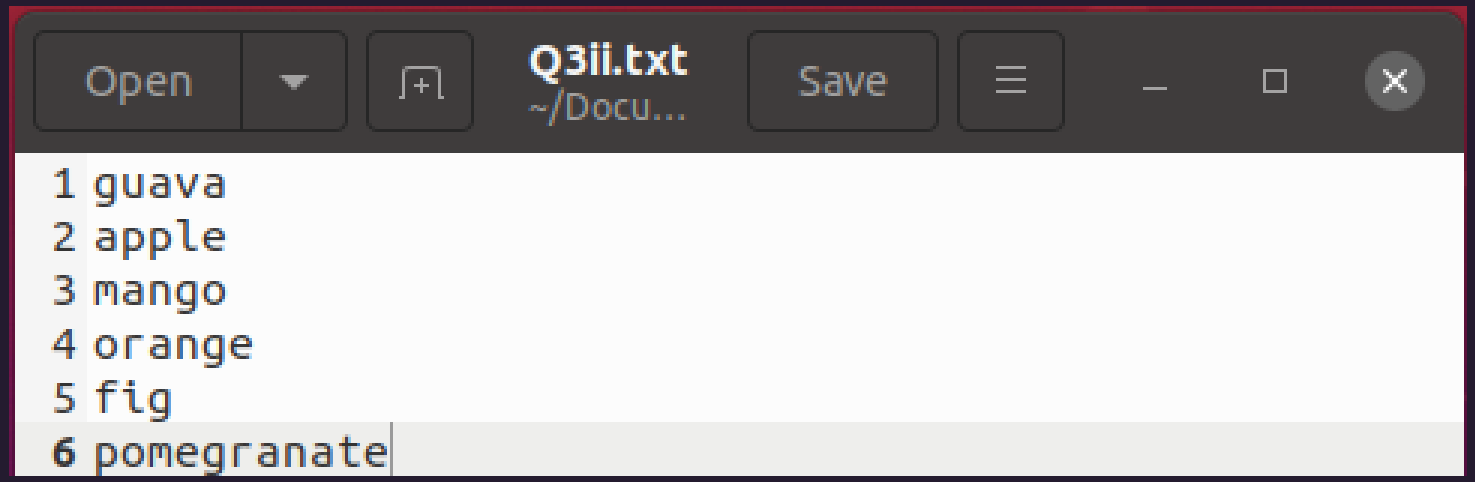


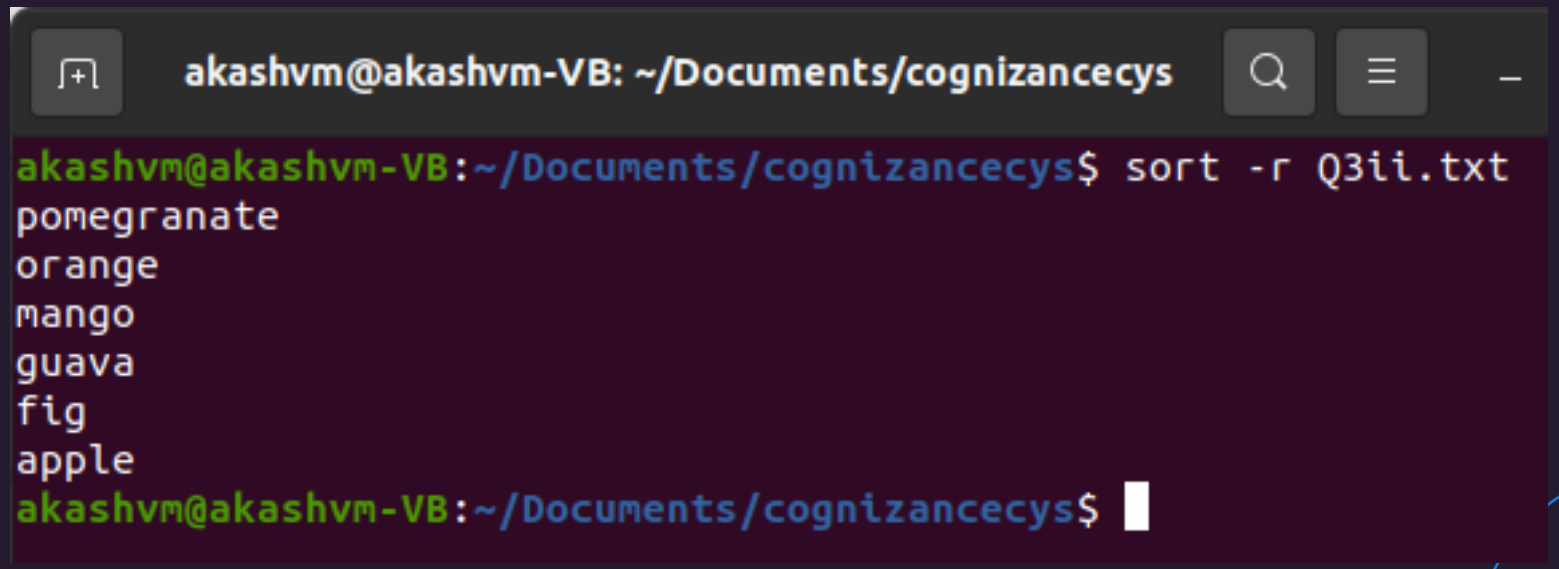
Output

- Reverse order

Command: sort –r filename.txt

Text file Q3ii.txt



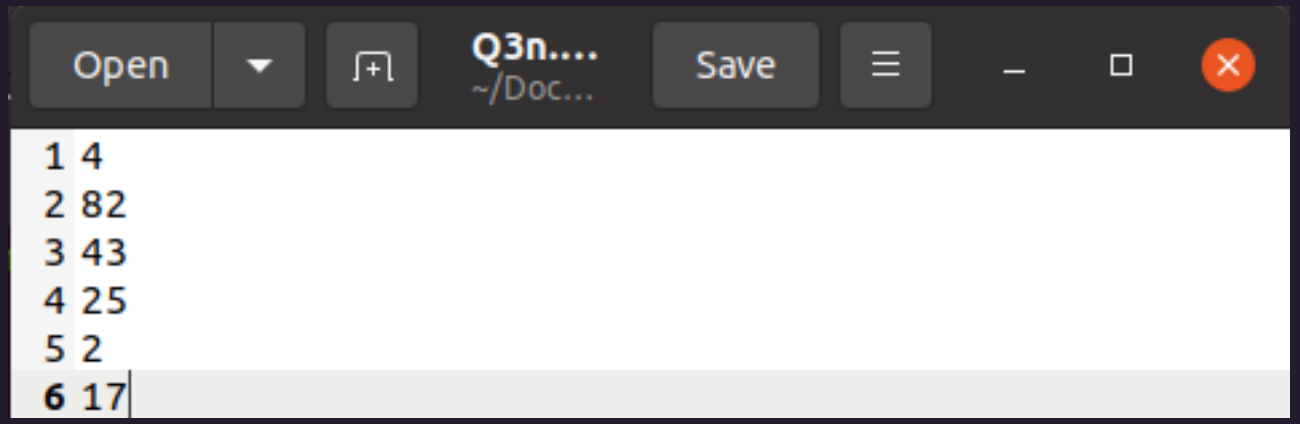


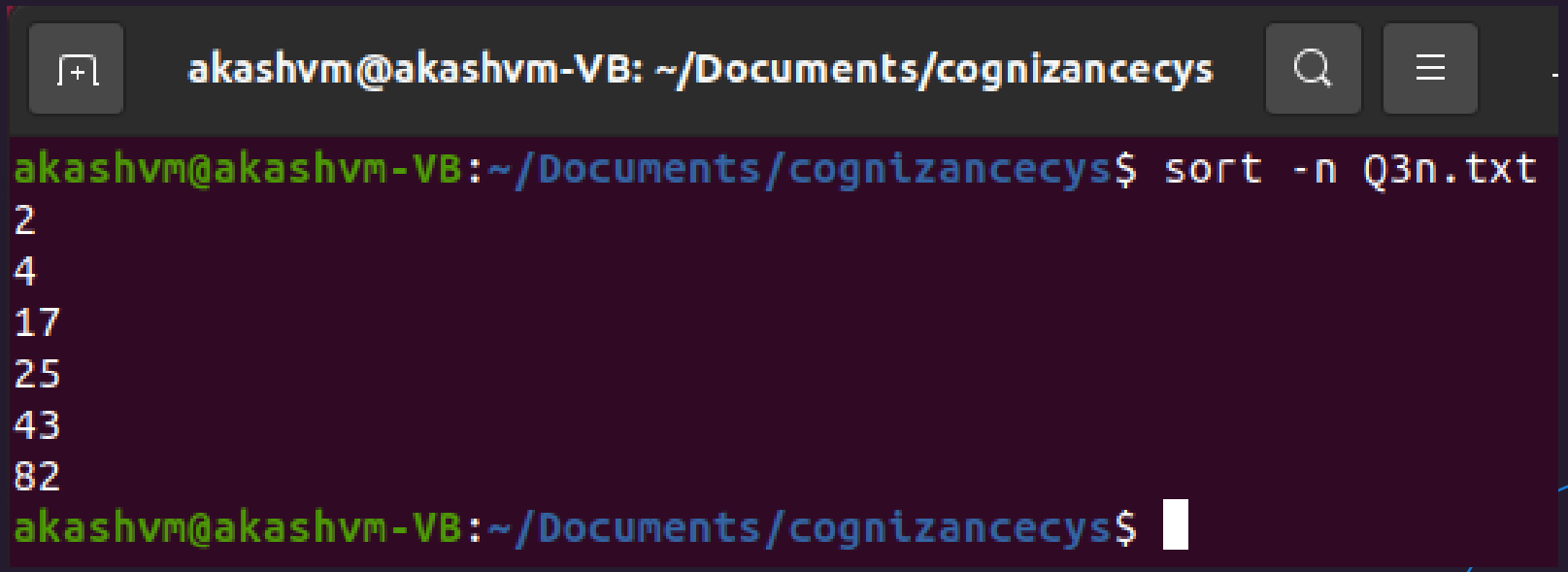
Output

Numerical order

Command: sort –n filename.txt

Text file Q3n.txt



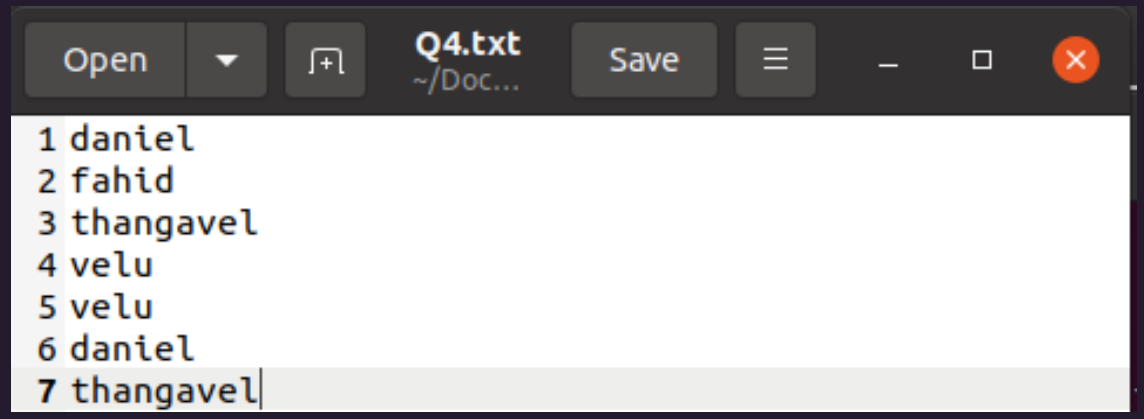


Output

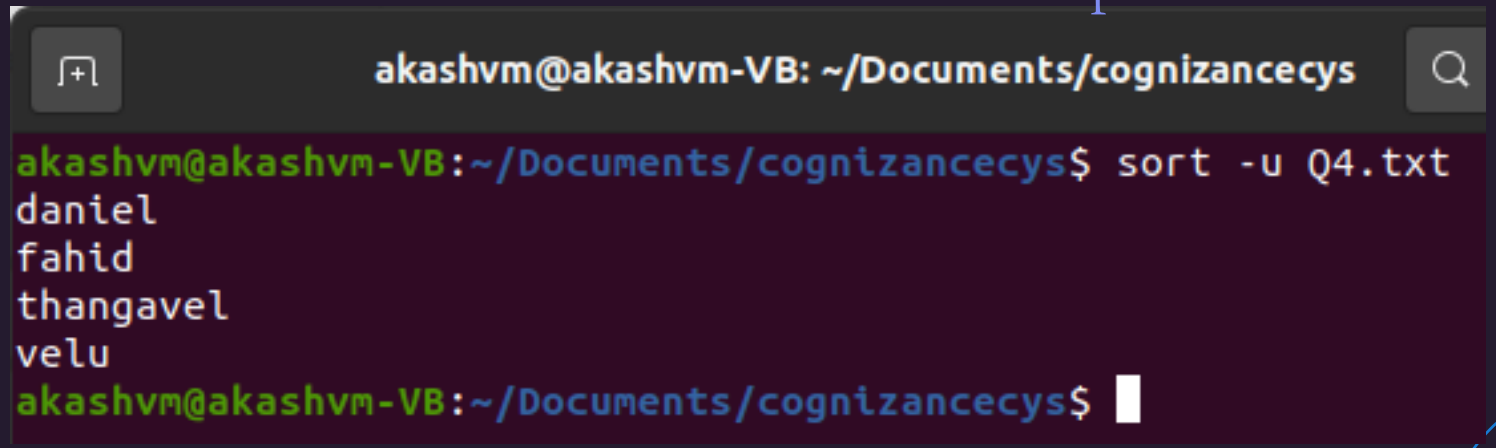
- Copee is a hard-working cop. He found a case and almost at the verge of cracking it. It could be his best breakthrough. He has the list of criminals but lots of duplicates are there. He needs to find the only one that is **different.** He sought your help. How will you sort this issue?

Command: sort –u filename.txt

Text file Q4.txt



Output

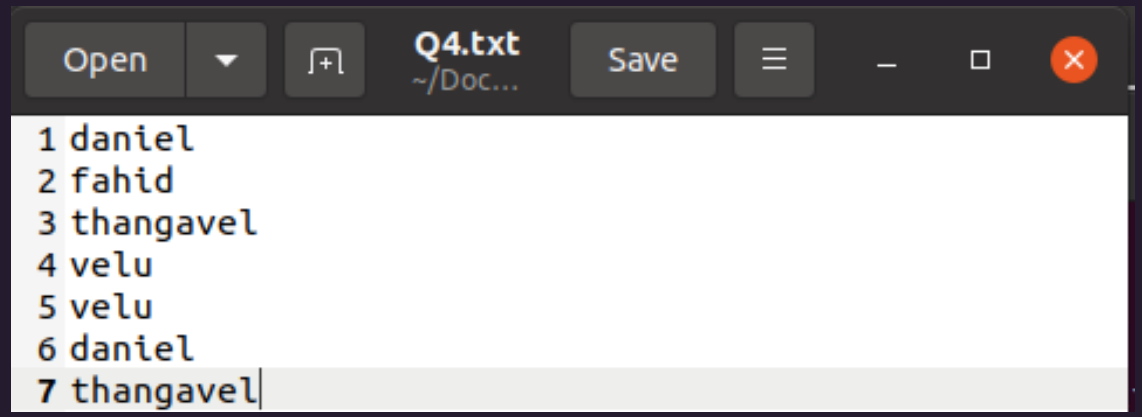


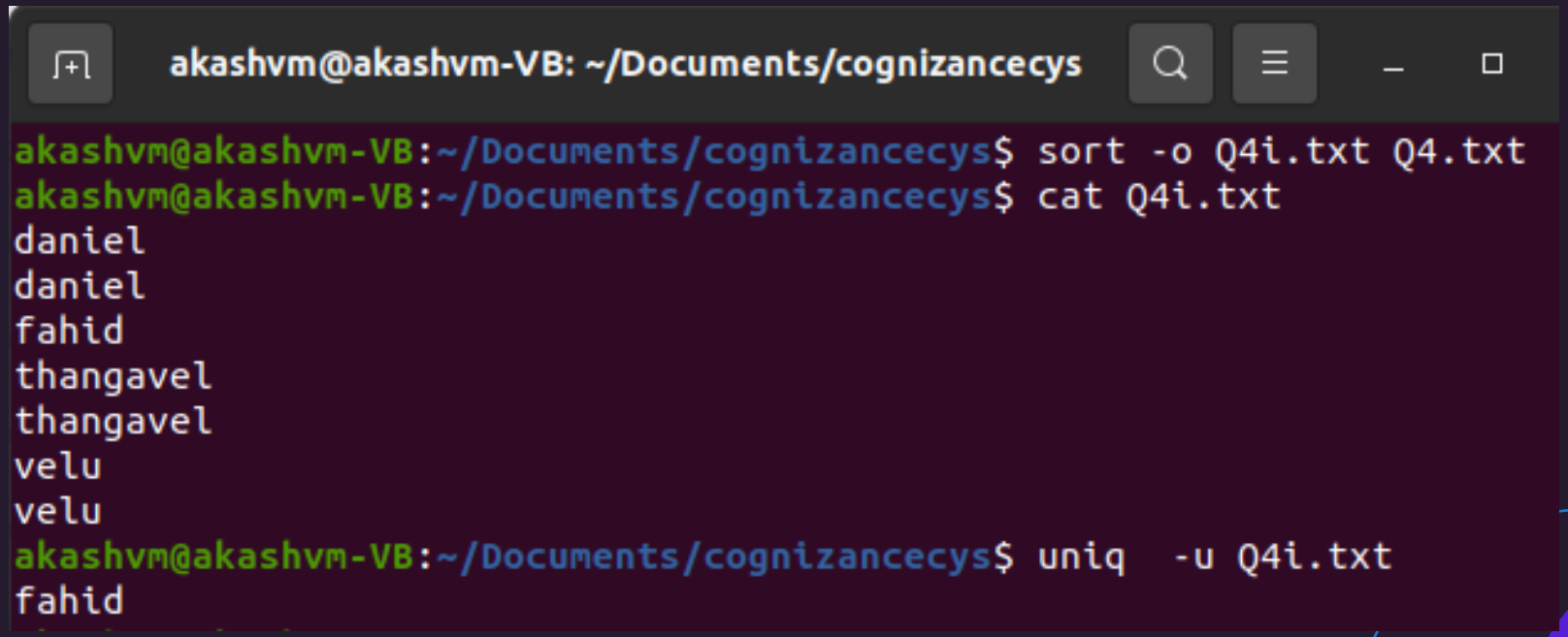
This method gives non-duplicate name

Command1: sort –o filename.txt inputfile.txt
Command2: uniq –u filename.txt

This works when file is in sorted Manner. So, first the file is sorted and only one different is found

Input text file Q4.txt





- What are the four parts of file's permission?

The parts of File permission are:

- Read
- Write
- Execute