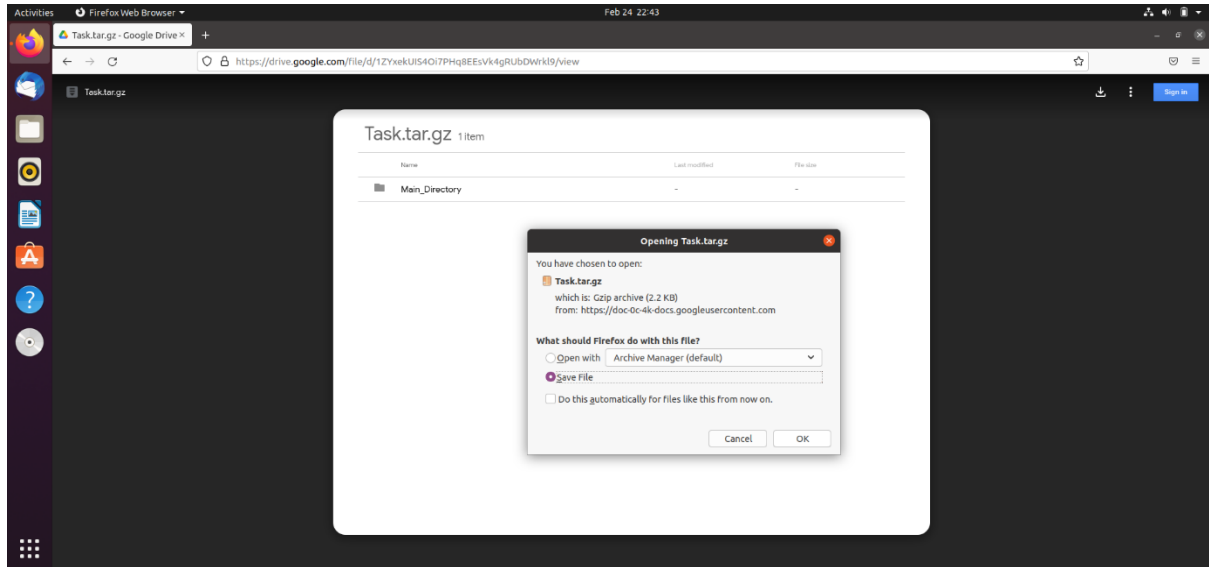
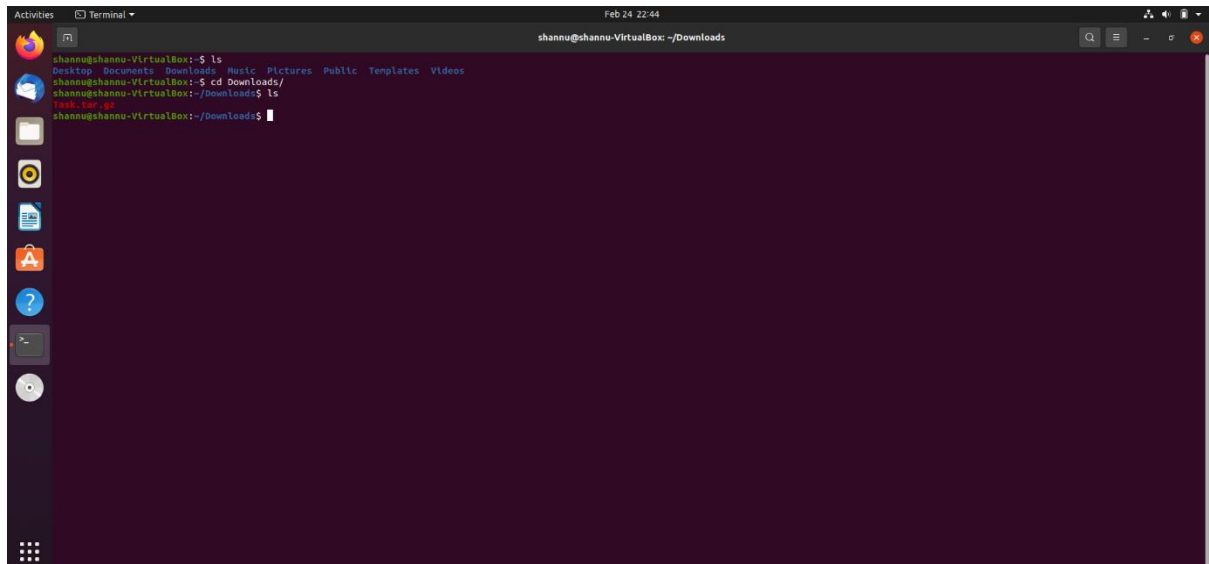


# TASK-5 FINDING FLAGS

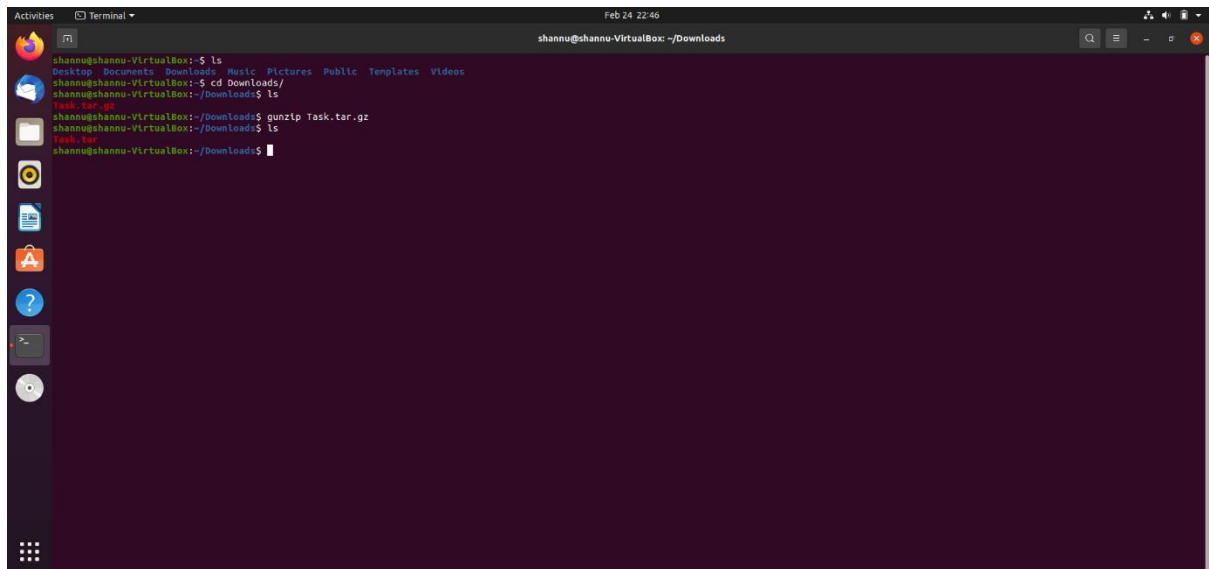
## 1. Downloading the file from the link:



## 2. Finding file through terminal:



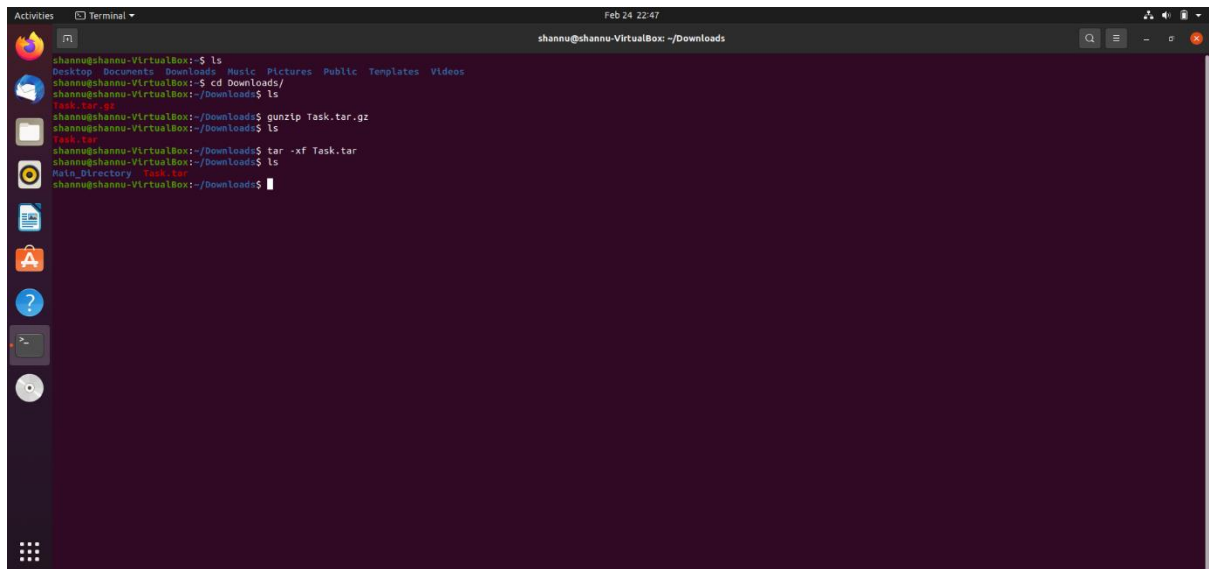
### 3. Unzipping GZ file:



A terminal window titled "shannu@shannu-VirtualBox: ~/Downloads" with a timestamp of "Feb 24 22:46". The terminal shows the following commands and output:

```
shannu@shannu-VirtualBox:~$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
shannu@shannu-VirtualBox:~$ cd Downloads/
shannu@shannu-VirtualBox:~/Downloads$ ls
Task.tar.gz
shannu@shannu-VirtualBox:~/Downloads$ gunzip Task.tar.gz
shannu@shannu-VirtualBox:~/Downloads$ ls
Task.tar
shannu@shannu-VirtualBox:~/Downloads$
```

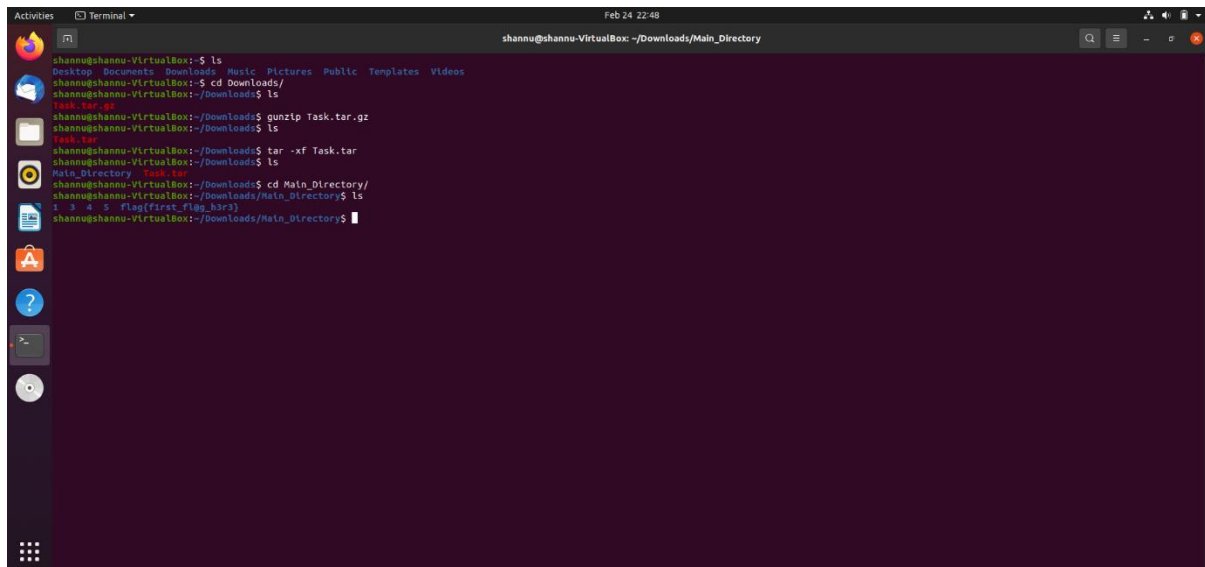
### 4. Unzipping tar file:



A terminal window titled "shannu@shannu-VirtualBox: ~/Downloads" with a timestamp of "Feb 24 22:47". The terminal shows the following commands and output:

```
shannu@shannu-VirtualBox:~$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
shannu@shannu-VirtualBox:~$ cd Downloads/
shannu@shannu-VirtualBox:~/Downloads$ ls
Task.tar.gz
shannu@shannu-VirtualBox:~/Downloads$ gunzip Task.tar.gz
shannu@shannu-VirtualBox:~/Downloads$ ls
Task.tar
shannu@shannu-VirtualBox:~/Downloads$ tar -xf Task.tar
shannu@shannu-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar
shannu@shannu-VirtualBox:~/Downloads$
```

## 5. Entering the archived directory:

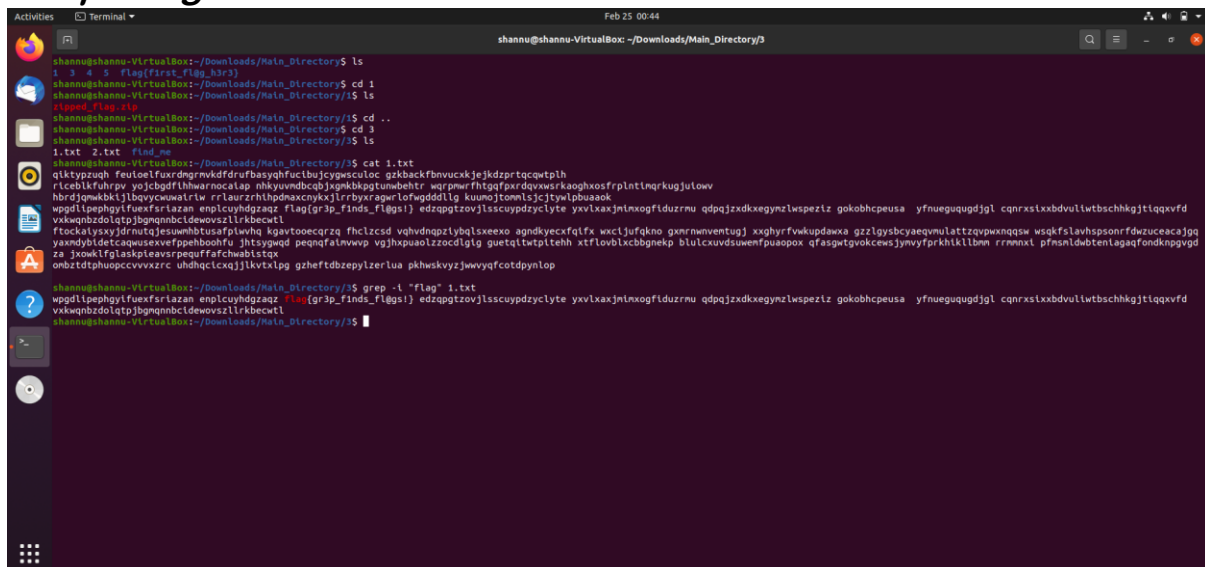


```
shannu@shannu-VirtualBox:~$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
shannu@shannu-VirtualBox:~$ cd Downloads/
shannu@shannu-VirtualBox:~/Downloads$ ls
Task.tar.gz
shannu@shannu-VirtualBox:~/Downloads$ gunzip Task.tar.gz
shannu@shannu-VirtualBox:~/Downloads$ ls
Task.tar
shannu@shannu-VirtualBox:~/Downloads$ tar -xvf Task.tar
shannu@shannu-VirtualBox:~/Downloads$ cd Main_Directory/
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$
```

1)Flag1:

flag{f1rst\_fl@g\_h3r3}

## 6. Opening files:

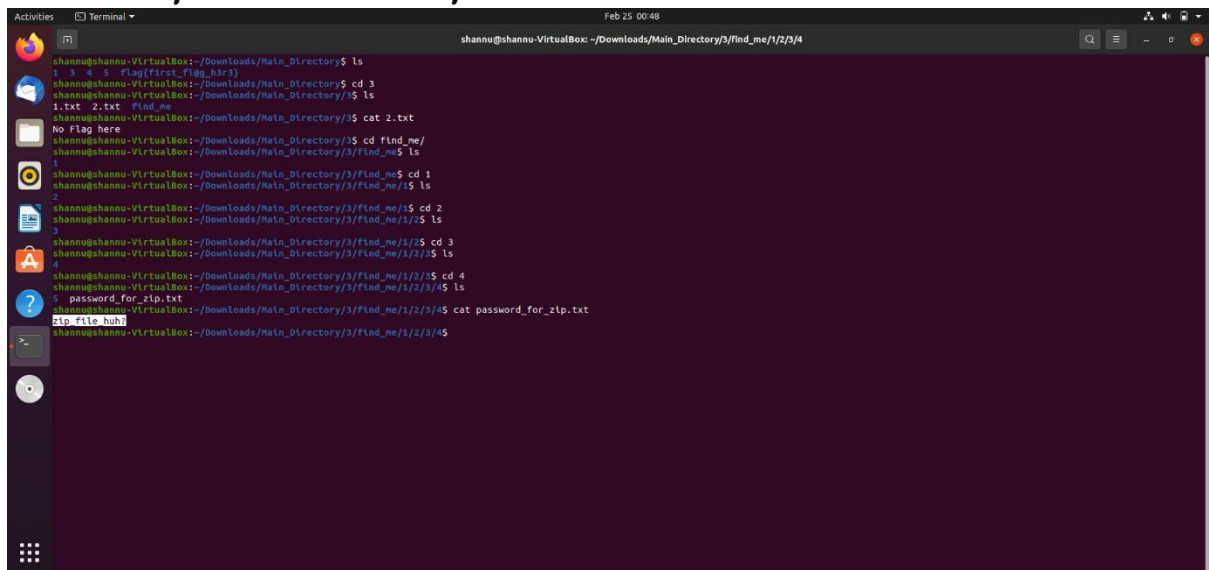


```
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 1
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1$ ls
1ipped_flag.ctf
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1$ cd ..
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 3
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qiktyzugh feuiolfuixrdgrmkdfdrufbasyqhfucibujcywsculoc gzkbackfbnvuckjkejdzprtgcqwtph
ricebikfuhrpv yojcbgdfthiwarnocalap nhkyvundbcqbjxgmkbkpgtunbeht r wqrpnr fhtggfpxrdqvxwskaghoxsrpntlnqrkugjulow
hbrdgmkbkbi1lbqycuwairw rrlaurzrthipdnacnyxjlrirbyxragrlofagdddlg kumoJtomnlsjctjywlplbaaak
wpgdl1pephgyfuexfsriazan enpicuyhdgaaz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzcytle yxvlxajnlmnoxgflduzrnu qdpqjzdxkxegynzlspeziz gokobhceusa yfnueguqugdjgl cqnrxstxxbdvultwbschhkgjt1qxxvfd
vkwqnbzdlqt1pbgnqnbcldeowosz1lrkbecw1l
ftocakysxyjdrnutjesumhbtusafplvwhg kgavtoecqrzq fhclzcsd vqhdnqzlybqlsxexo agndkyecxfqlx wcl1jufqkno gxmnmnventugj xxghyrfvkwupawxa gzzlgysbcaeqvmulattzqvpwnqqgw wsgkflavhspsonrfdwzuceacjgg
yowdybidetceqpusexvefpehboohfu jhtsyqwd peqnfatmwvp vglxpuoalzcocdig guetqitwptteh xflvoblxcbgnekp blulcxvdsowenfuapox qfasgtgvokcewsjynvfprrkhiklbn rrmnxi pfnslwbtenlagaqfondknpgvgd
zaz jxowlf1glaskpleavsrpequffafcbabistox
ombtdtphuoocccvvxzrc uhdhqc1cqj1lvtx1pg gzheftdbzepylerlua pkhwskvyzjwvyqfctodpynlop
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ grep -i "flag" 1.txt
wpgdl1pephgyfuexfsriazan enpicuyhdgaaz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzcytle yxvlxajnlmnoxgflduzrnu qdpqjzdxkxegynzlspeziz gokobhceusa yfnueguqugdjgl cqnrxstxxbdvultwbschhkgjt1qxxvfd
vkwqnbzdlqt1pbgnqnbcldeowosz1lrkbecw1l
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$
```

2)Flag2:

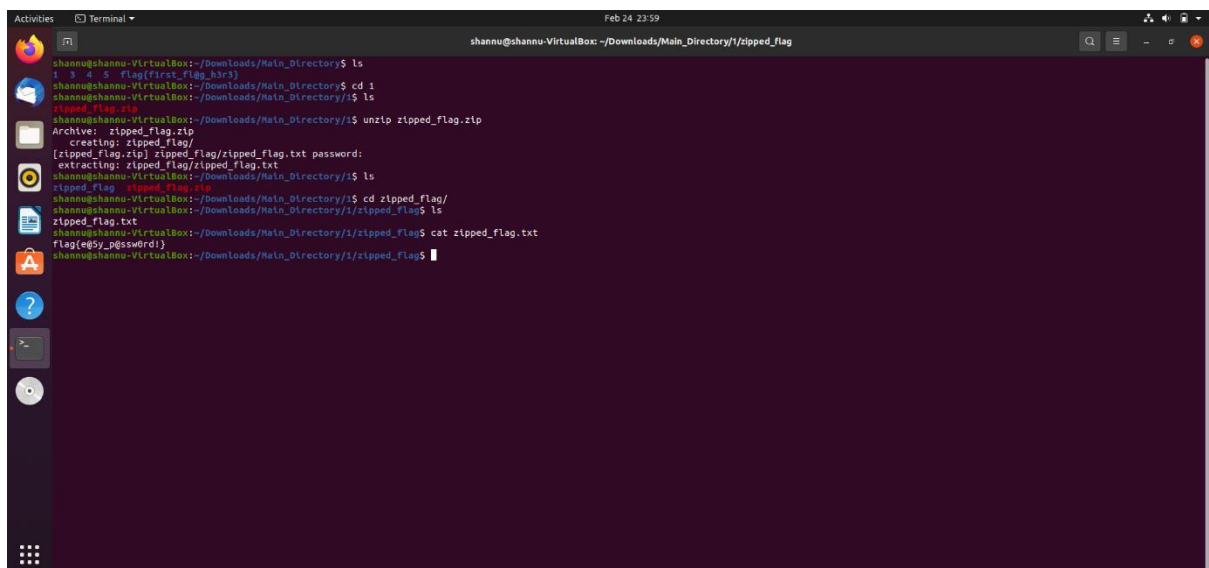
flag{gr3p\_f1nds\_fl@gs!}

## 7. Found password for zip file:



```
shannu@shannu-VirtualBox: ~/Downloads/Main_Directory/3/flnd_me/1/2/3/4
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_hlr}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 3
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt flnd_me
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ cd flnd_me/
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me$ ls
1
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me$ cd 1
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1$ ls
2
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1$ cd 2
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2$ ls
3
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2$ cd 3
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3$ ls
4
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3$ cd 4
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4$ ls
5 password_for_zip.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4$ cat password_for_zip.txt
zip file huh?
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4$
```

## 8. Finding flag in zip file:

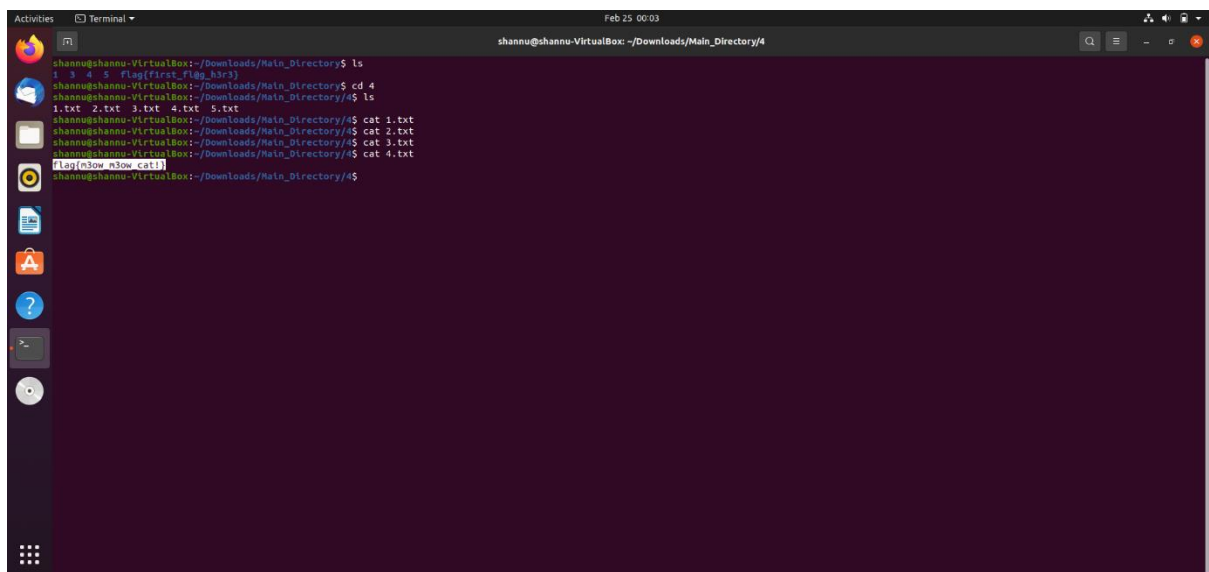


```
shannu@shannu-VirtualBox: ~/Downloads/Main_Directory/1/zipped_flag
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_hlr}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 1
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1$ unzip zipped_flag.zip
Archive:  zipped_flag.zip
  creating: zipped_flag/
  [zipped_flag.zip] zipped_flag/zipped_flag.txt password:
 extracting: zipped_flag/zipped_flag.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag zipped_flag.zip
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_flag/
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$
```

3)Flag3:

flag{e@5y\_p@ssw0rd!}

9.

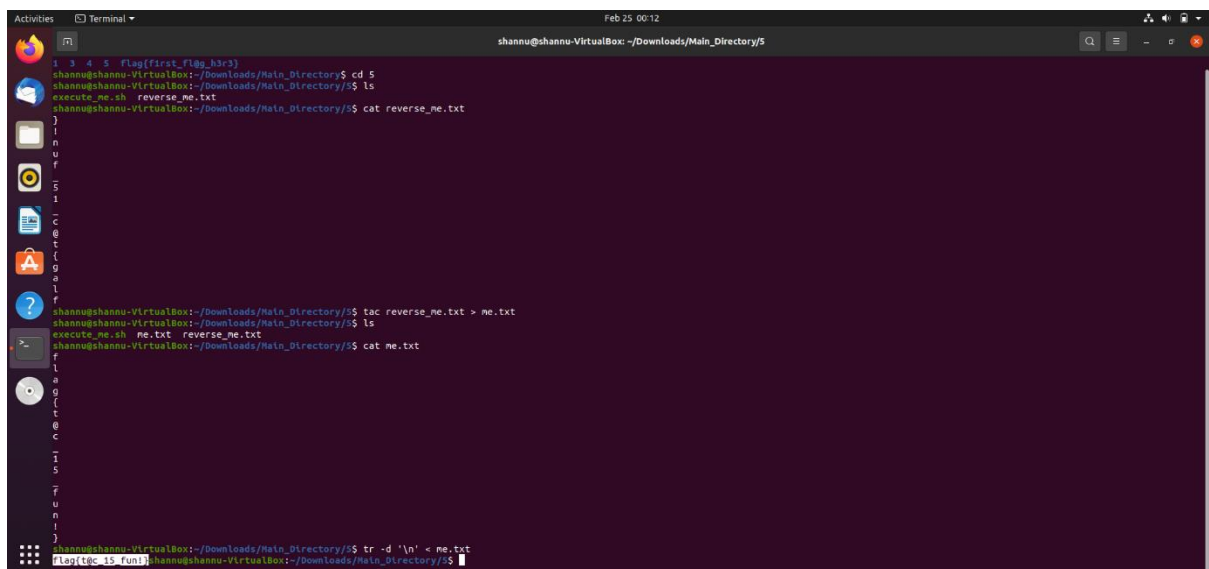
A terminal window titled 'shannu@shannu-VirtualBox: ~/Downloads/Main\_Directory/4' showing a series of commands and their outputs. The user lists files, changes to directory 4, lists files again, and then cat's the contents of 1.txt, 2.txt, 3.txt, and 4.txt. The output of 4.txt is 'flag{m3ow\_m3ow\_cat!}'.

```
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_h3r3}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 4
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/4$ cat 1.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/4$ cat 2.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/4$ cat 3.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/4$
```

4)Flag4:

flag{m3ow\_m3ow\_cat!}

10.

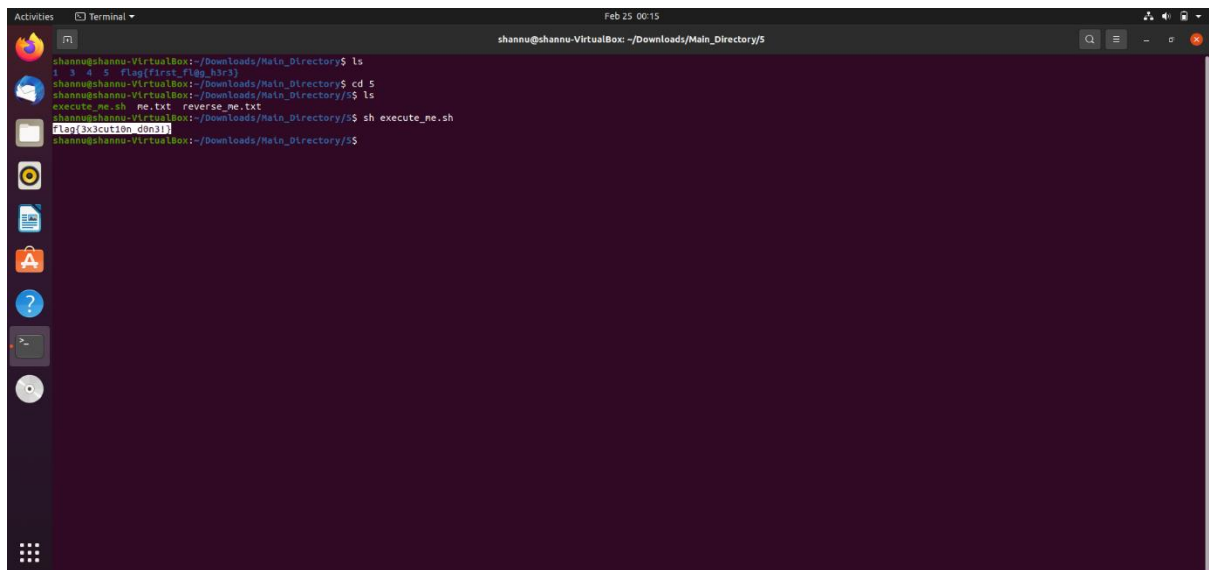
A terminal window titled 'shannu@shannu-VirtualBox: ~/Downloads/Main\_Directory/5' showing a series of commands and their outputs. The user changes to directory 5, lists files, cat's reverse\_me.txt, and then uses tac to reverse the file's content into ne.txt. Finally, they use tr to convert the file to lowercase, resulting in the flag 'flag{t@\_c\_15\_fun!}'.

```
1 3 4 5 flag{first_flag_h3r3}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 5
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh reverse_me.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt
j
u
j
e
c
u
t
e
_
m
e
.
s
h
r
e
v
e
r
s
e
_
m
e
.
t
x
t
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ tac reverse_me.txt > ne.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh ne.txt reverse_me.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ cat ne.txt
!fun_15_c@t{flag}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ tr -d '\n' < ne.txt
flag{t@_c_15_fun!}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$
```

5)Flag5:

flag{t@c\_15\_fun!}

11.

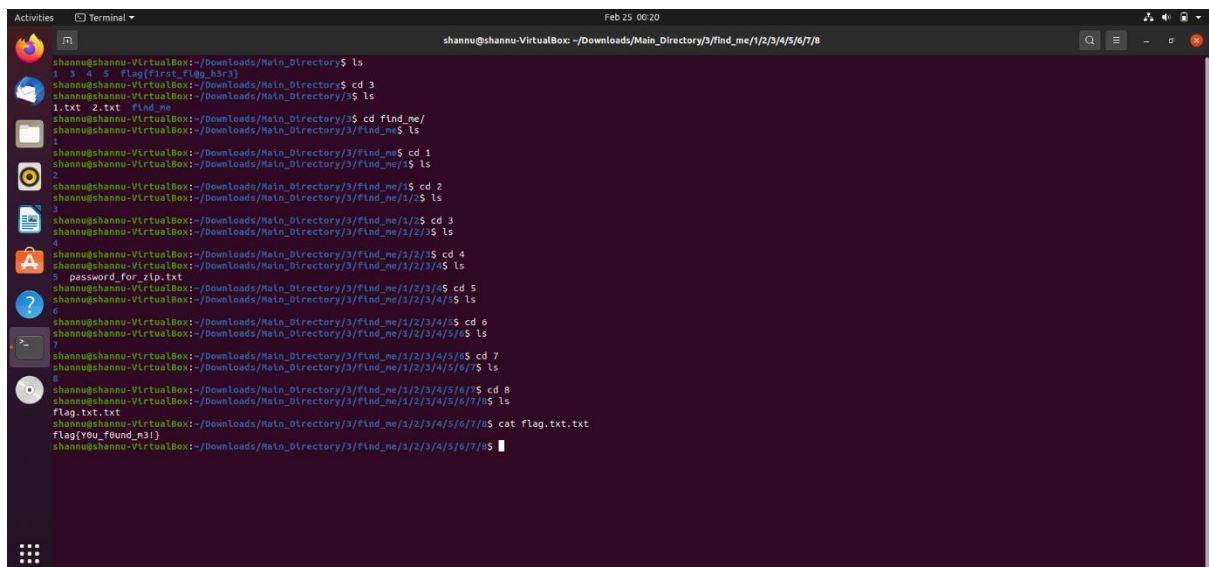
A terminal window titled 'shannu@shannu-VirtualBox: ~/Downloads/Main\_Directory/5' showing a series of commands and their outputs. The user navigates to a directory named '5', lists its contents, and runs a script 'execute\_me.sh' which executes 'ne.txt'. The output of 'ne.txt' is 'flag{3x3cut10n\_d0n3!}'.

```
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 5
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh ne.txt reverse_ne.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ sh execute_me.sh
flag{3x3cut10n_d0n3!}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$
```

6)Flag6:

flag{3x3cut10n\_d0n3!}

12.

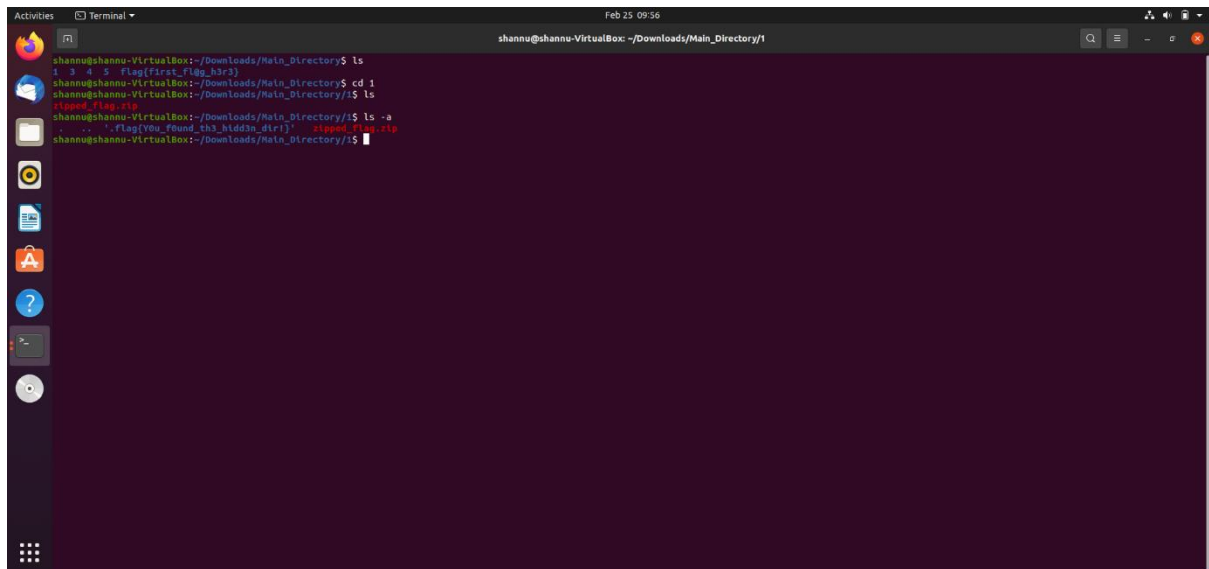
A terminal window titled 'shannu@shannu-VirtualBox: ~/Downloads/Main\_Directory/3/flnd\_me/1/2/3/4/5/6/7/8' showing a series of commands and their outputs. The user navigates through a directory structure, lists contents, and eventually finds a file 'flag.txt' which contains the flag 'flag{Y0u\_f0und\_m3!}'.

```
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 3
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt flnd_me
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ cd flnd_me/
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me$ ls
1
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me$ cd 1
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1$ ls
5
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1$ cd 2
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2$ ls
3
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2$ cd 3
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3$ ls
4
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3$ cd 4
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4$ ls
5 password_for_zip.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4$ cd 5
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5$ ls
6
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5$ cd 6
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6$ ls
7
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6$ cd 7
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7$ ls
8
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7$ cd 8
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ ls
flag.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ cat flag.txt
flag{Y0u_f0und_m3!}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$
```

7)Flag7:

flag{Y0u\_f0und\_m3!}

### 13. Finding Hidden Directory:

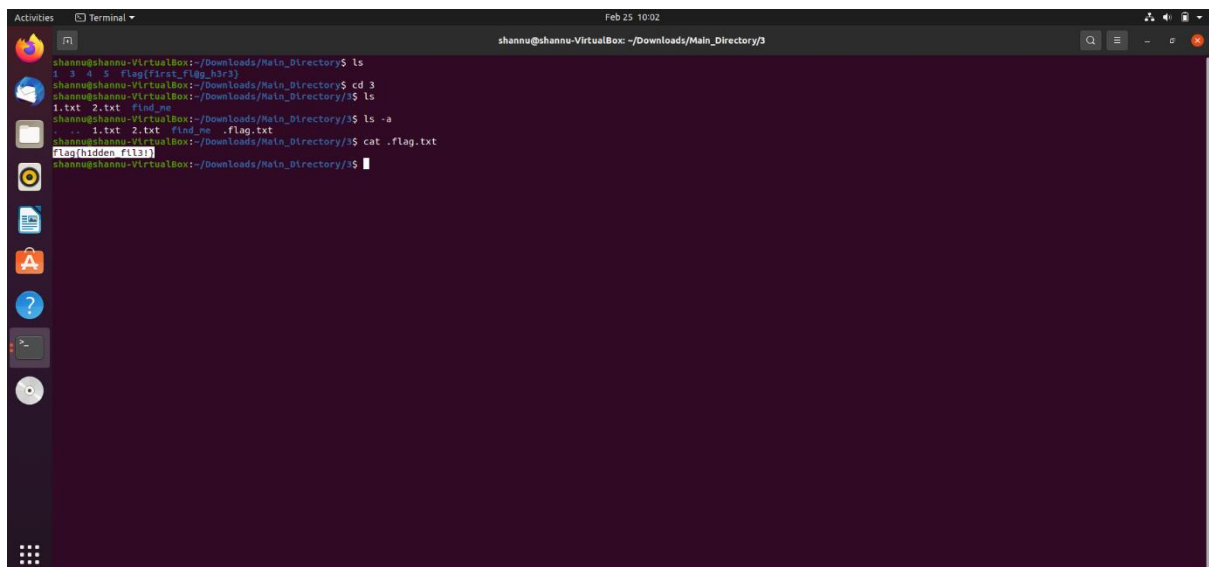


A terminal window titled 'shannu@shannu-VirtualBox: ~/Downloads/Main\_Directory/1' showing a series of commands and their outputs. The user lists files, changes to directory 1, and then uses 'ls -la' to reveal a hidden directory named '.Flag{You f0und th3 hidd3n dir!}' and a file named 'ripped\_flag.zip'.

```
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 Flag{first_flag_h3r3}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 1
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1$ ls
ripped_flag.zip
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1$ ls -la
. . . .Flag{You f0und th3 hidd3n dir!} ripped_flag.zip
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/1$
```

8)Flag8:

flag{Y0u\_f0und\_th3\_hidd3n\_dir!}



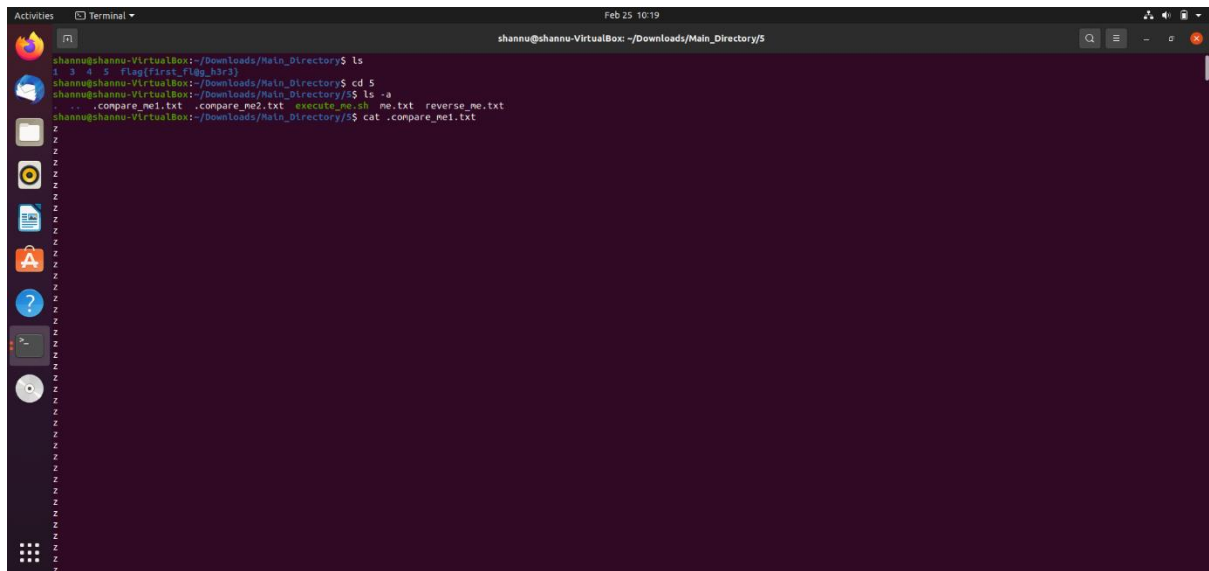
A terminal window titled 'shannu@shannu-VirtualBox: ~/Downloads/Main\_Directory/3' showing a series of commands. The user lists files, changes to directory 3, and then uses 'ls -la' to reveal a hidden file named '.flag.txt'. Finally, they use 'cat' to display the flag content.

```
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 Flag{first_flag_h3r3}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory$ cd 3
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ ls -la
. . . .1.txt 2.txt find_me .flag.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_fil3!}
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/3$
```

9)Flag9:

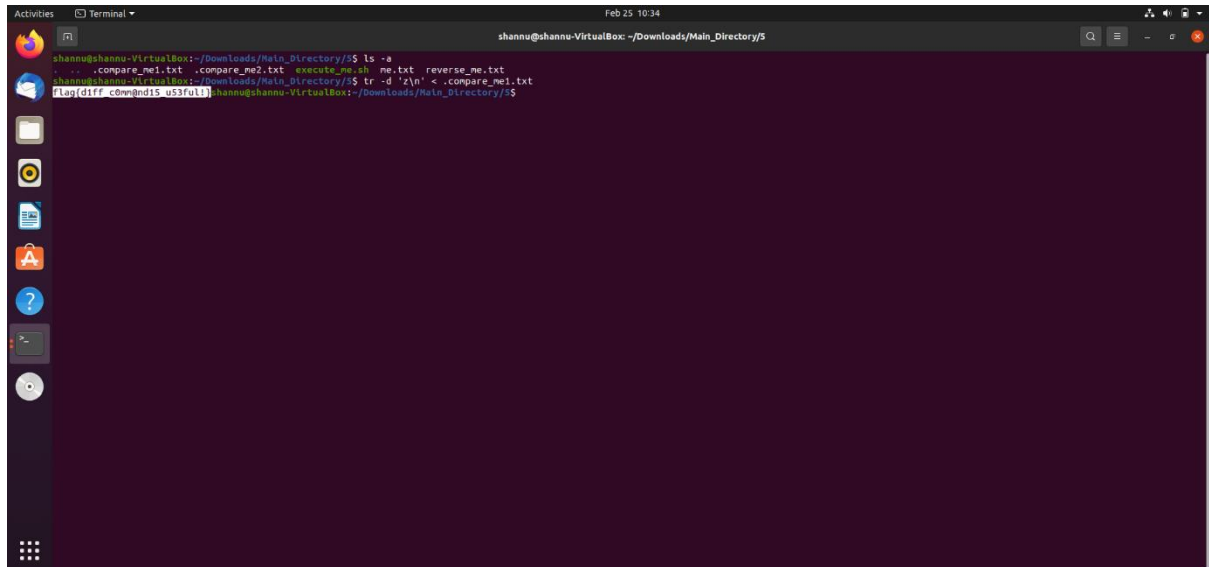
flag{h1dden\_fil3!}

```
flag{t3xt_15_n0t_h1dd3n!}
```





## 14. Deleting z's and "ln's":

A terminal window with a dark purple background. The title bar shows 'shannu@shannu-VirtualBox: ~/Downloads/Main\_Directory/5'. The terminal contains the following commands and output:

```
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ ls -ls
..    .compare_me1.txt  .compare_me2.txt  execute_me.sh  me.txt  reverse_me.txt
shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$ tr -d 'z\n' < .compare_me1.txt
flag{d1ff_c0mm@nd15_u53ful!}shannu@shannu-VirtualBox:~/Downloads/Main_Directory/5$
```

11)Flag11:

flag{d1ff\_c0mm@nd15\_u53ful!}