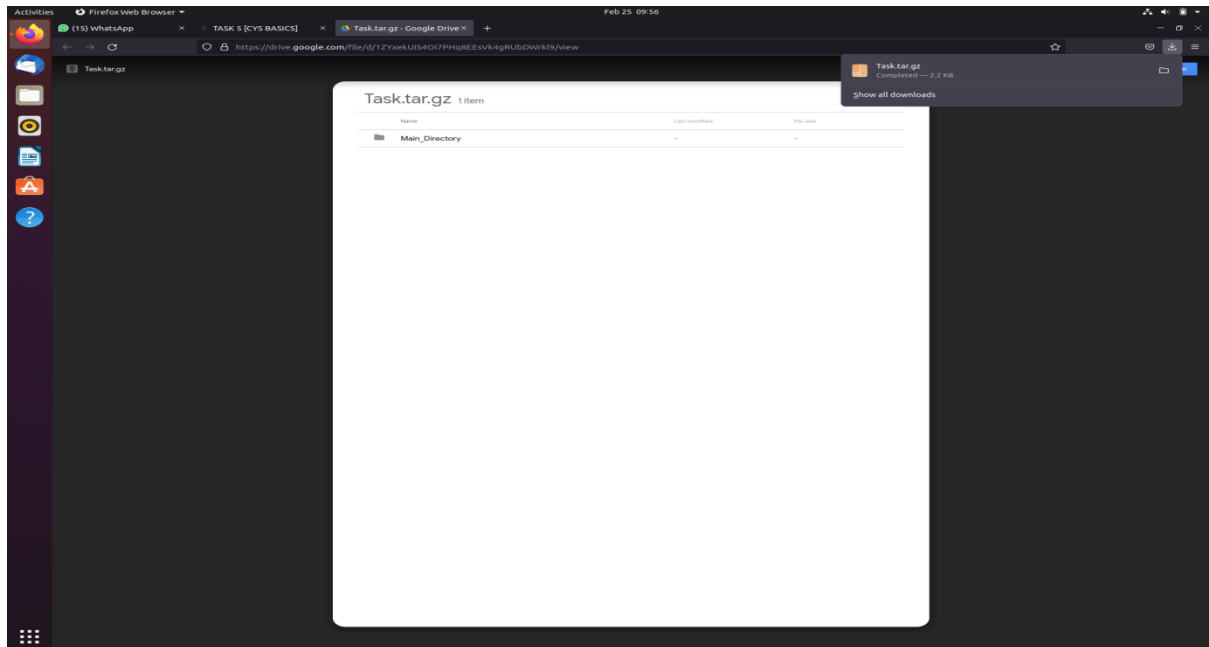
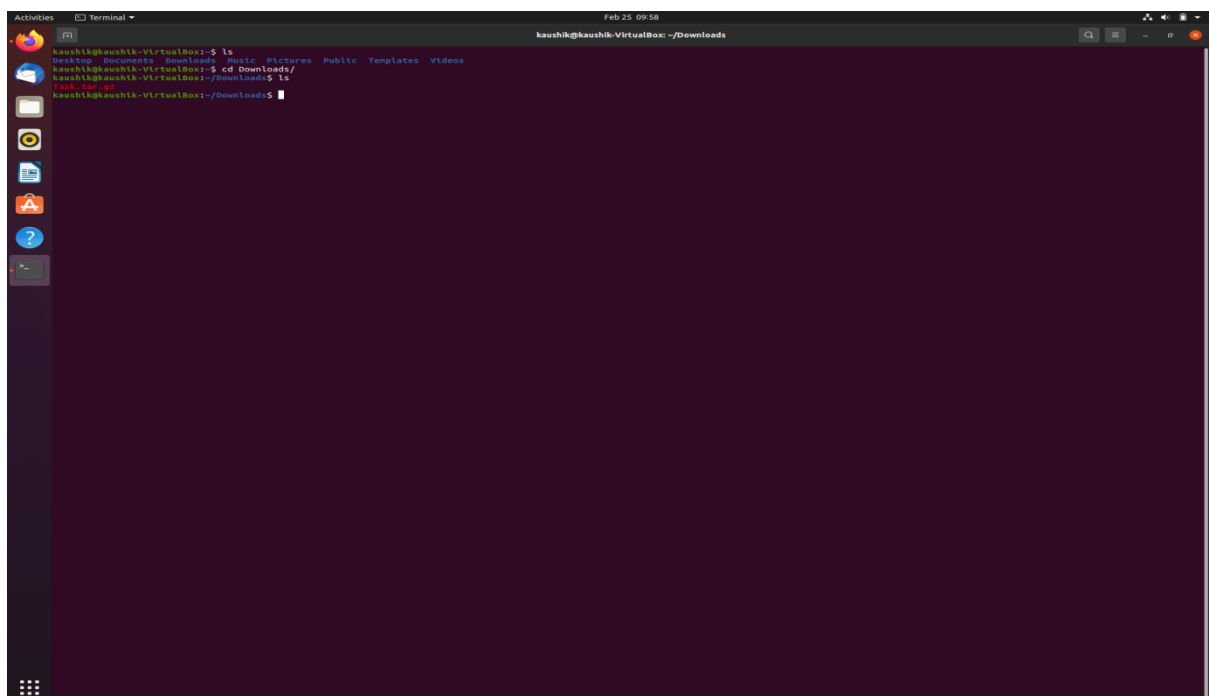


TASK-5 : FINDING THE FLAGS

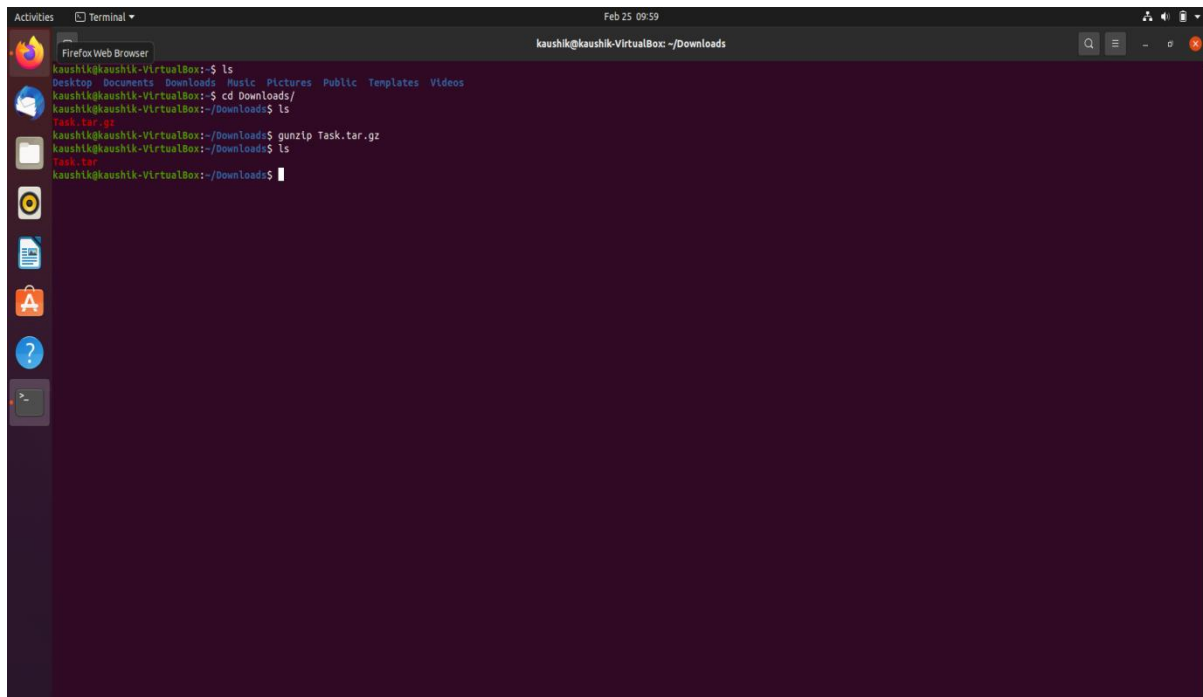
1. Downloading the file from the link:



2. Finding file through terminal:



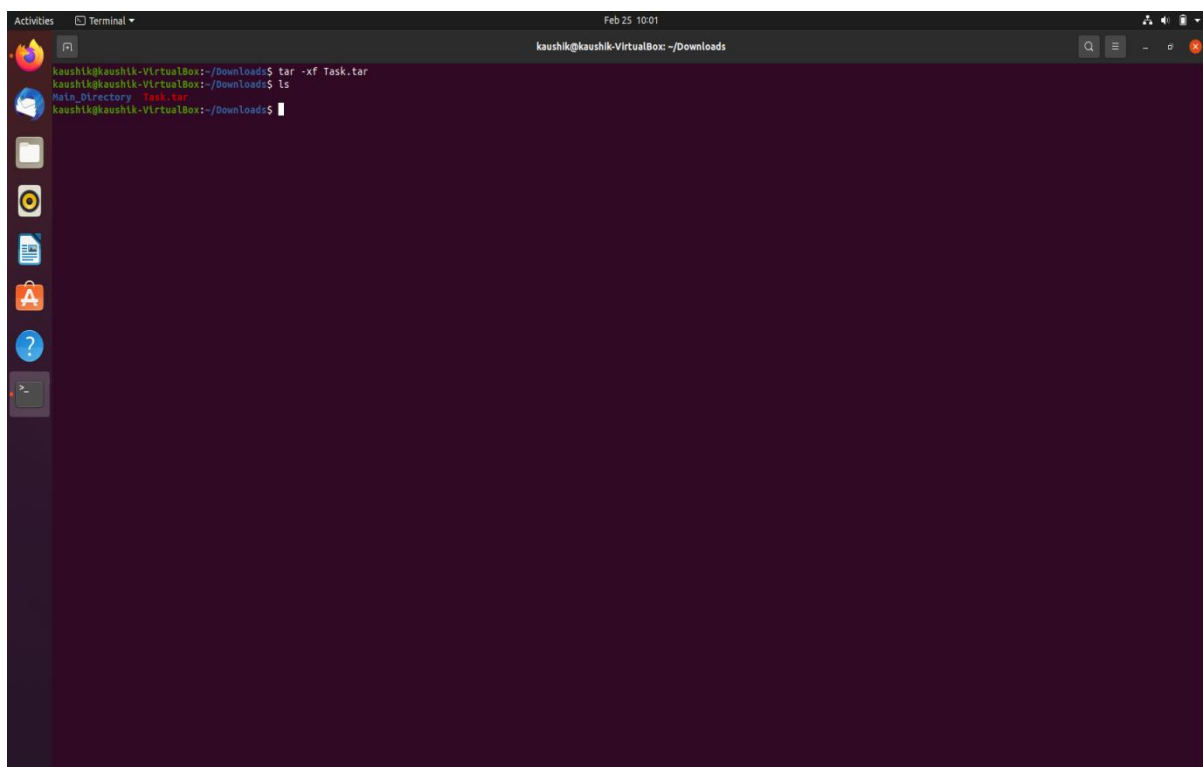
3. Unzipping GZ file:



A terminal window titled 'kaushik@kaushik-VirtualBox: ~/Downloads' showing the process of unzipping a GZ file. The user runs 'ls' to list files, then 'cd Downloads/' to navigate to the directory. They then run 'ls' again, showing 'Task.tar.gz'. Finally, they run 'gunzip Task.tar.gz' to unzip the file, and 'ls' again, showing 'Task.tar'.

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

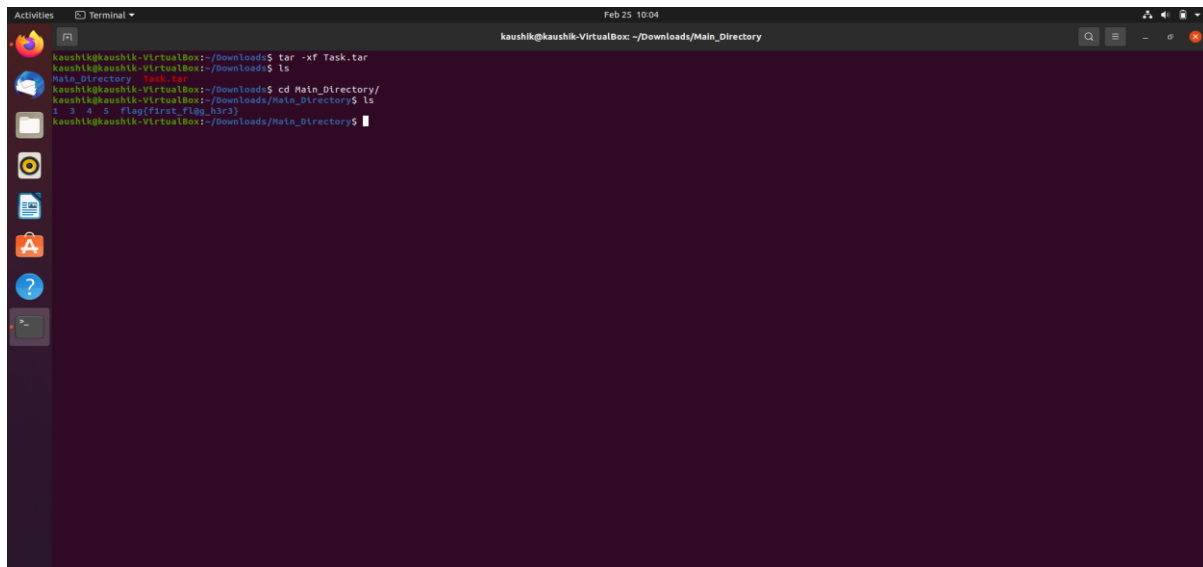
4. Unzipping tar file:



A terminal window titled 'kaushik@kaushik-VirtualBox: ~/Downloads' showing the process of unzipping a tar file. The user runs 'tar -xf Task.tar' to extract the file, then 'ls' to list files, showing 'Main_Directory' and 'Task.tar'. Finally, they run 'ls' again, showing 'Main_Directory' and 'Task.tar'.

```
kaushik@kaushik-VirtualBox:~/Downloads$ tar -xf Task.tar
kaushik@kaushik-VirtualBox:~/Downloads$ ls
Main_Directory  Task.tar
kaushik@kaushik-VirtualBox:~/Downloads$
```

5. Entering the archived directory:

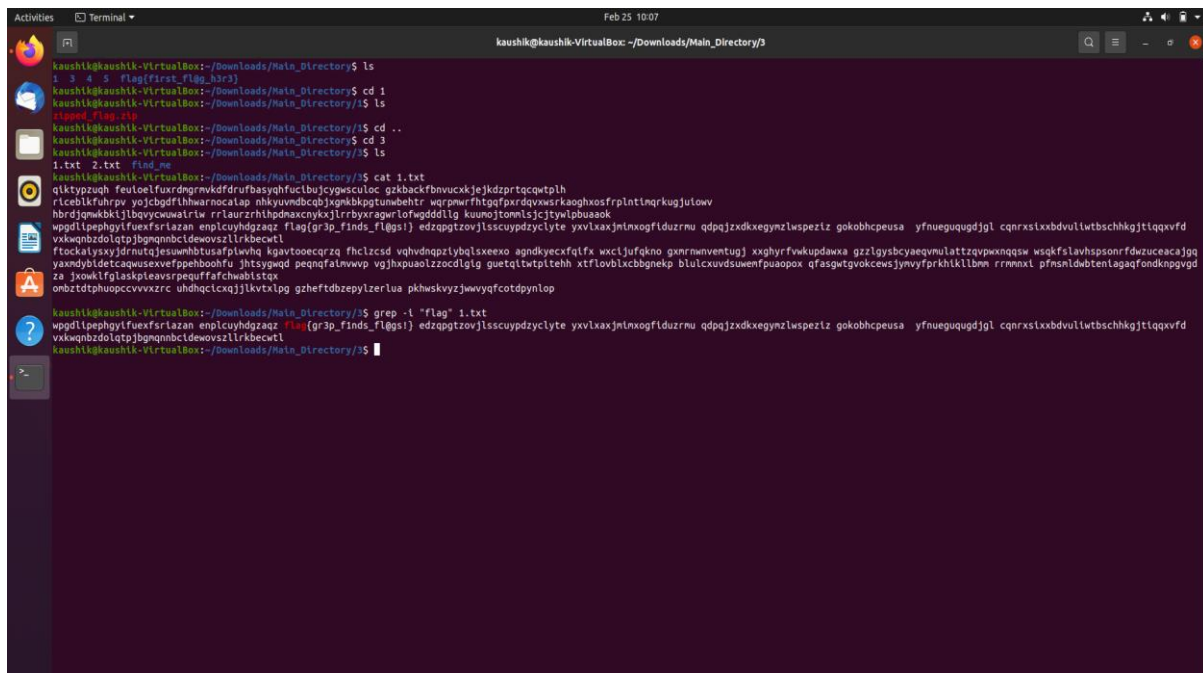


```
kaushik@kaushik-VirtualBox: ~/Downloads$ tar -xvf Task.tar
kaushik@kaushik-VirtualBox: ~/Downloads$ ls
Main_Directory Task.tar
kaushik@kaushik-VirtualBox: ~/Downloads$ cd Main_Directory/
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory$
```

1)Flag1:

flag{f1rst_fl@g_h3r3}

6. Opening files:

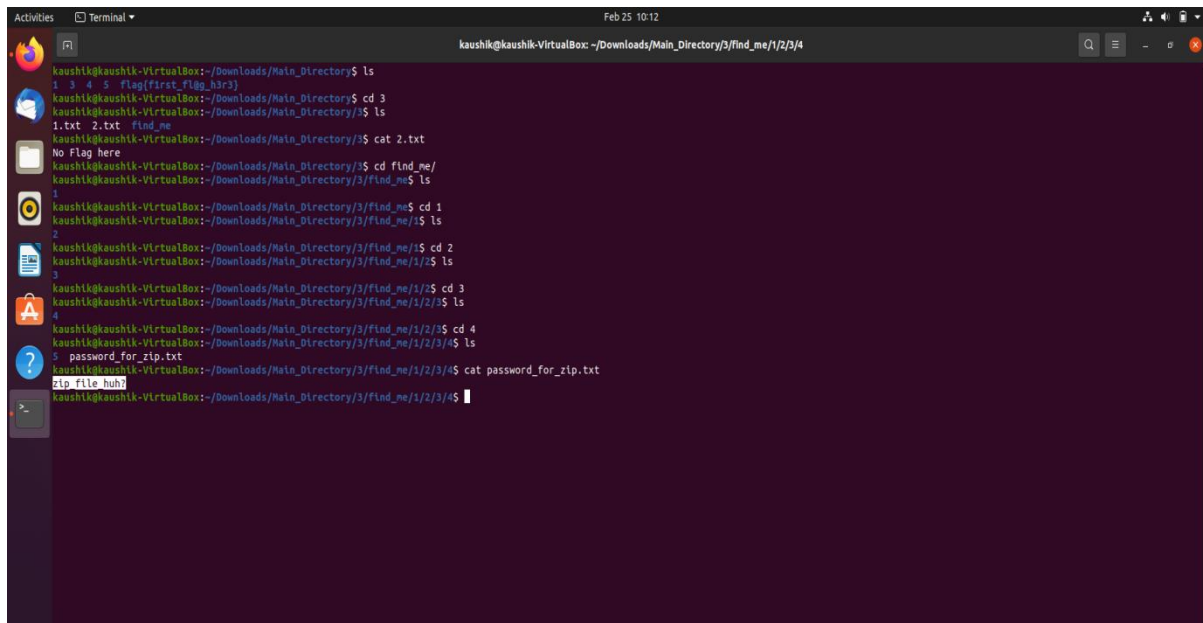


```
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory$ cd 1
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/1$ ls
1.txt 2.txt find_me
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/1$ cd ..
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory$ cd 3
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/3$ ls
1.txt
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/3$ cat 1.txt
qk1tptzugh feuloelfuxrdgrnkvkdfdrufasyqhfuctbujcygwsucloc gzkbackfbnvucckjejkdzprtqcqwtplh
ritebklfuhprv yojcbgdfthwarcnalap nhkyuvmdbcbjxgmkbkpgtunbehtr wqrpwrfttgfpurdqvxsrkaoghkosrplntlnqrkugjulow
hbrdjmwbkbljlbvqycwawrtw rrlaurzrhthpdxnxykjrrbyxragwlofgdddlg kuwnejtomlsjcltywlpbusok
wpgdlpephgyifuexfsriazan enplcyhdgzaq flag(gr3p_finds_fl@gs!) edzqpgtzovjlsscuypdzycle yvxlaxjnlmoxgfiduzrmu qdpqjzdxkxegynlwspeziz gokobhcepsa yfnueguqugdjgl cqnrxslxbdvulwtbschhkgjtlqqxvfd
vkwqnbzdo1qtpjbgqnbmbcdewovslrkbewtl
ftockatysxyjdrnrtqjesuwmbtusafplwqh kvavtoecqrzq fhclzcsd vqhdnqprlybqlsxexo agndkyecxfqfx wcljufqkno gxmrmnventugj xghyrfvkwupdawxa gzzlgybscyaeqvmulattzqvpxnqqsw wsqkflavhpsponrfdwzuceacajgg
yomdybidetacawswxerfpelboohfu jhtsygwd peqnfatmwvp vgjhxpuaolzzocdlig guetqltwlptlehh xtflovblccbgnepk blulcxvudsuenfpuapox qfasgtgvokcewsjymvfrprkhkllbwn rrrmmxl pfnslwbntentagafondknpgvgd
ra jvowktrfglaspleavsrpequiffafchwabitqg
ombztdtphuoqccvvvzrc uhdhqcxcgjjlvtxlpg gzhftdbzepylerlua pkhwskvyzjwvvyqfctodpynlop
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/3$ grep -l "flag" 1.txt
wpgdlpephgyifuexfsriazan enplcyhdgzaq flag(gr3p_finds_fl@gs!) edzqpgtzovjlsscuypdzycle yvxlaxjnlmoxgfiduzrmu qdpqjzdxkxegynlwspeziz gokobhcepsa yfnueguqugdjgl cqnrxslxbdvulwtbschhkgjtlqqxvfd
vkwqnbzdo1qtpjbgqnbmbcdewovslrkbewtl
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/3$
```

2)Flag2:

flag{gr3p_f1nds_fl@gs!}

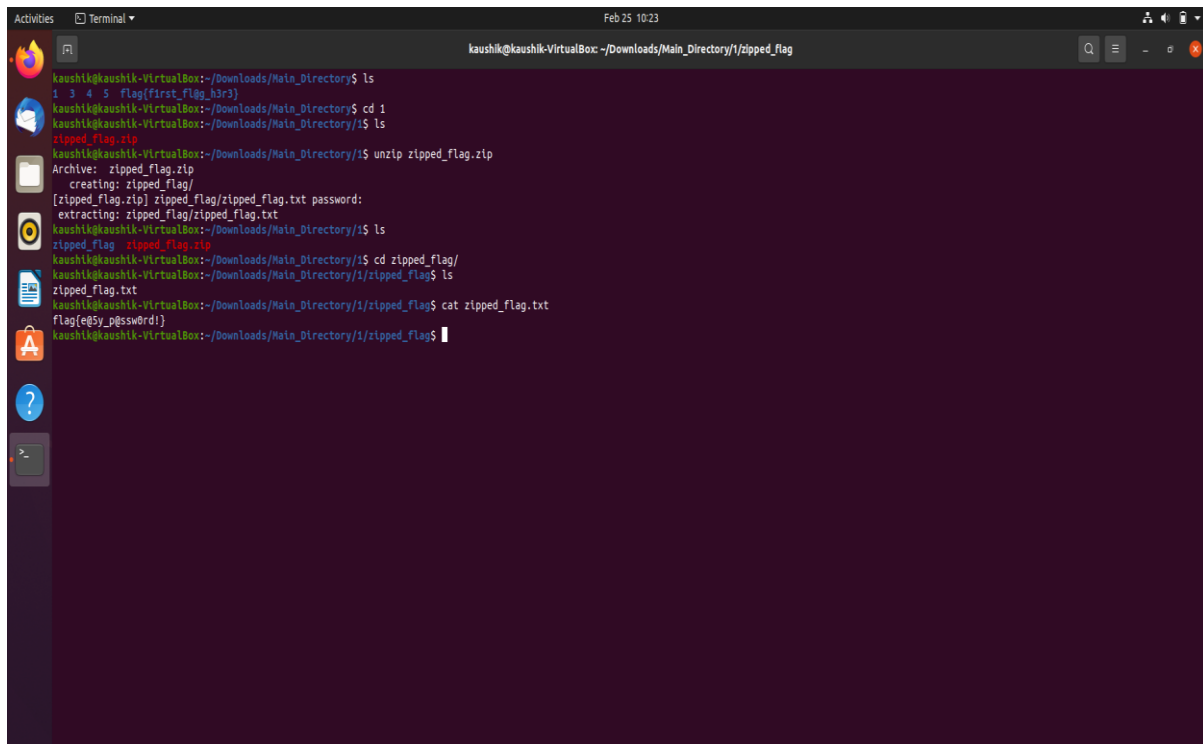
7. Found password for zip file:



A terminal window titled 'kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4' showing the following commands and output:

```
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ cd 3
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3$ cd find_me/
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me$ ls
1
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me$ cd 1
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ ls
2
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ cd 2
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ ls
3
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ ls
4
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
zip file huh?
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$
```

8. Finding flag in zip file:



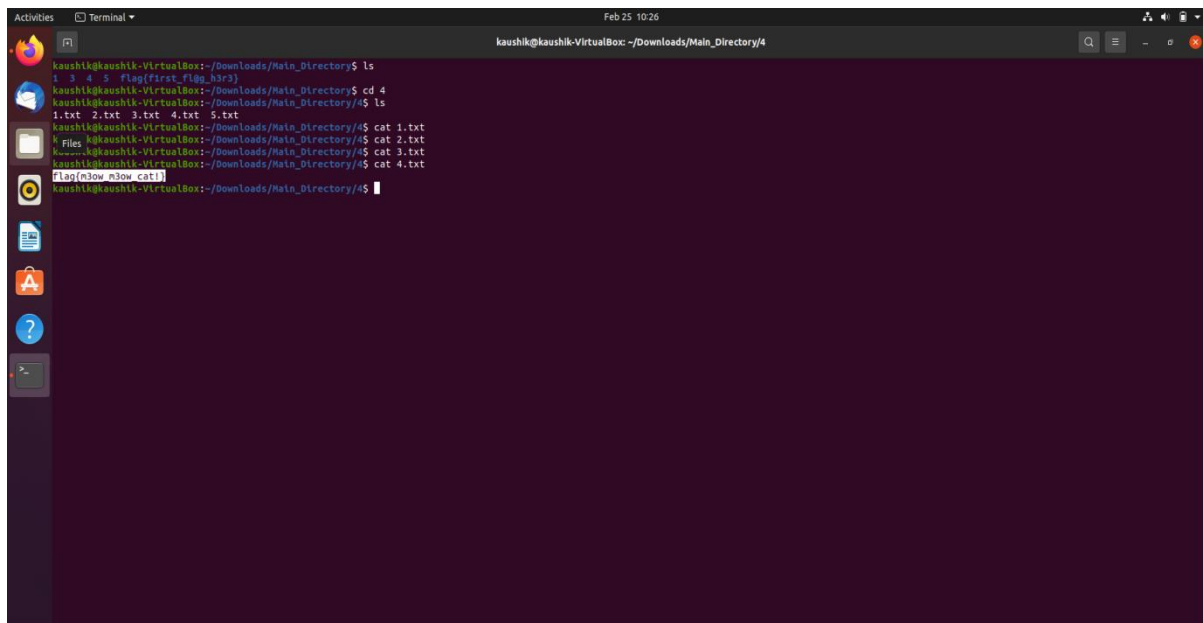
A terminal window titled 'kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/1/ziped_flag' showing the following commands and output:

```
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag(first_flag_h3r3)
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ cd 1
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1$ ls
ziped_flag.zip
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1$ unzip ziped_flag.zip
Archive: ziped_flag.zip
  creating: ziped_flag/
  [ziped_flag.zip] ziped_flag/ziped_flag.txt password:
 extracting: ziped_flag/ziped_flag.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1$ ls
ziped_flag ziped_flag.zip
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1$ cd ziped_flag/
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1/ziped_flag$ ls
ziped_flag.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1/ziped_flag$ cat ziped_flag.txt
flag{e@5y_p@ssw0rd!}
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1/ziped_flag$
```

3)Flag3:

flag{e@5y_p@ssw0rd!}

9.

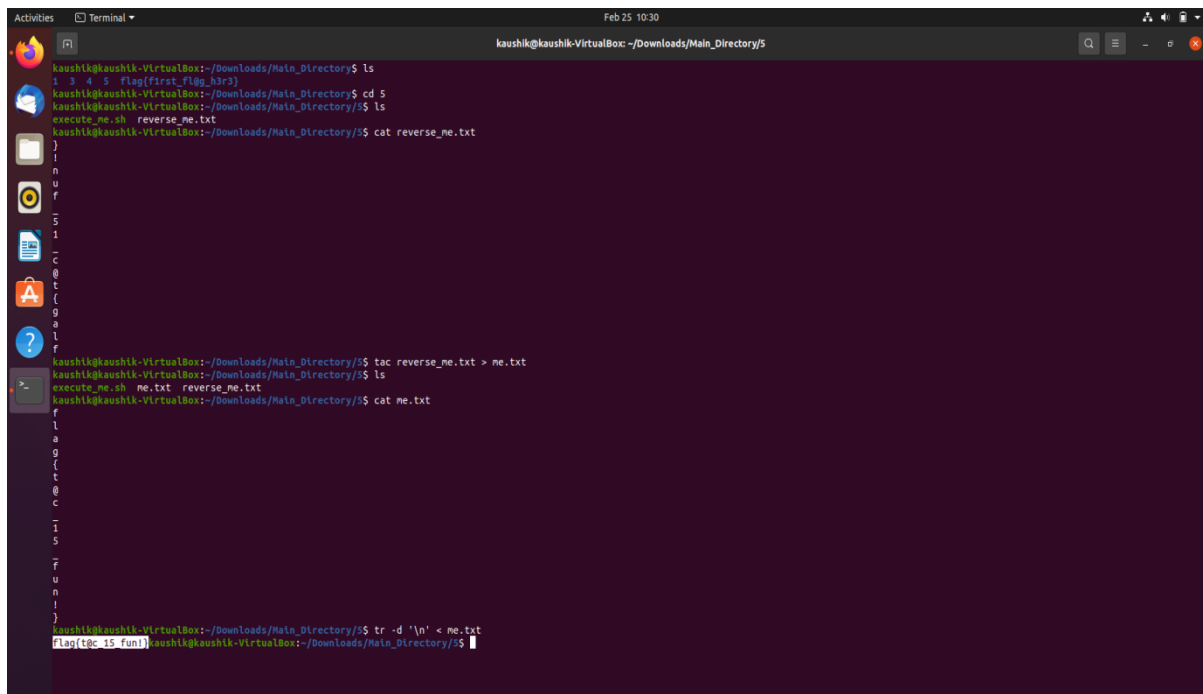


```
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/4
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/4$ ls
1 3 4 5 flag(first_flag_h3r3)
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/4$ cd 4
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt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

4)Flag4:

flag{m3ow_m3ow_cat!}

10.

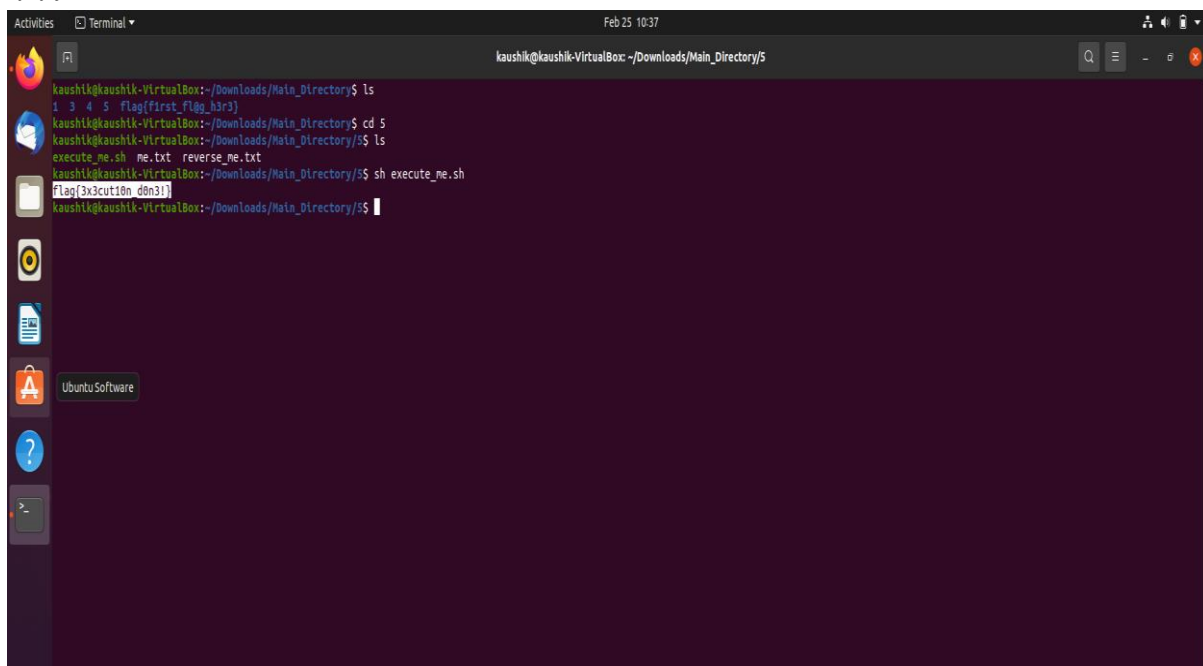


```
kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/5
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ ls
1 3 4 5 flag(first_flag_h3r3)
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ cd 5
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh reverse_me.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt
}
i
n
u
f
=
s
i
<
@
r
r
o
b
a
l
f
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ tac reverse_me.txt
}
i
n
u
f
=
s
i
<
@
r
r
o
b
a
l
f
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh me.txt reverse_me.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ cat me.txt
f
l
a
g
{
r
e
c
i
s
e
r
u
n
i
}
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ tr -d '\n' < me.txt
Flag{t@c_15_fun!}kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$
```

5)Flag5:

flag{t@c_15_fun!}

11.

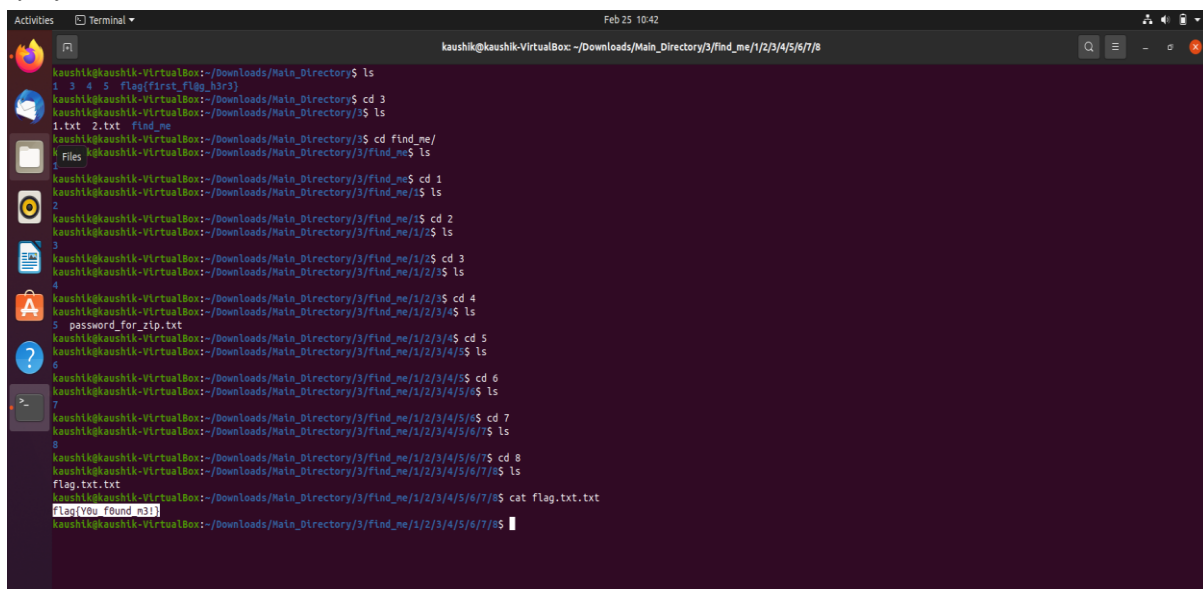
A terminal window titled 'kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/5' showing a series of commands and their outputs. The user navigates to directory 5, lists files, and runs a script 'execute_me.sh' which outputs a flag.

```
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flg_h3r3}
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ cd 5
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh ne.txt reverse_me.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ sh execute_me.sh
flag{3x3cut10n_d0n3!}
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$
```

6)Flag6:

flag{3x3cut10n_d0n3!}

12.

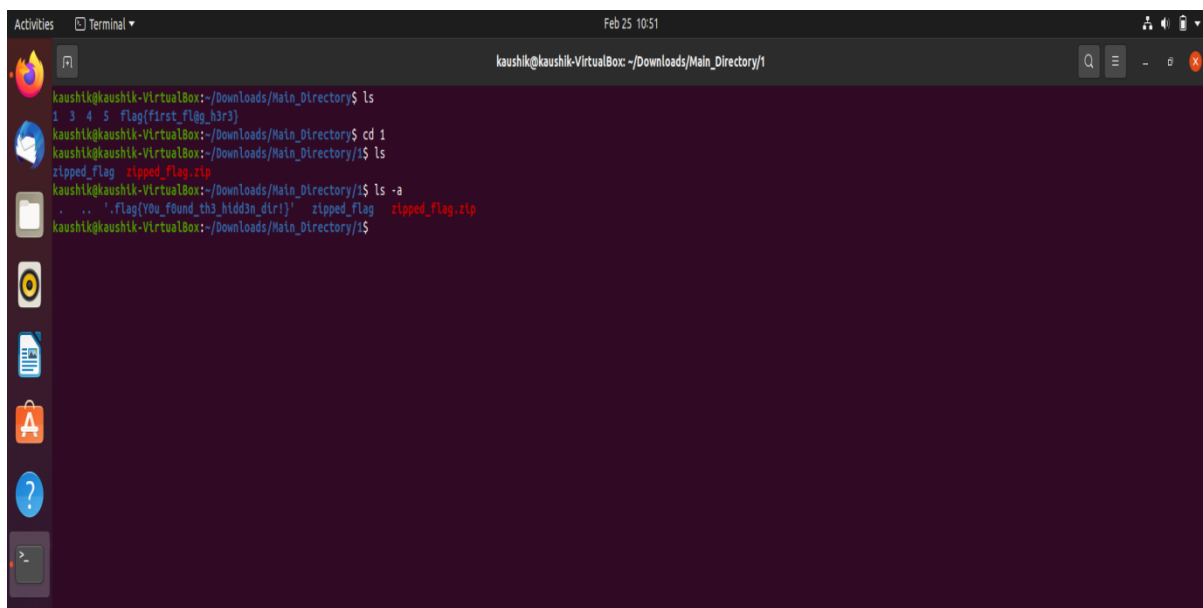
A terminal window titled 'kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8' showing a series of commands and their outputs. The user navigates through a directory tree, lists files, and runs a script 'password_for_zip.txt' which outputs a flag.

```
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flg_h3r3}
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ cd 3
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt flnd_me
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3$ cd flnd_me/
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me$ ls
1
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me$ cd 1
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1$ ls
2
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1$ cd 2
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2$ ls
3
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2$ cd 3
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3$ ls
4
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3$ cd 4
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4$ ls
5 password_for_zip.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4$ cd 5
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5$ ls
6
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5$ cd 6
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6$ ls
7
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6$ cd 7
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7$ ls
8
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7$ cd 8
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
kaushik@kaushik-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:

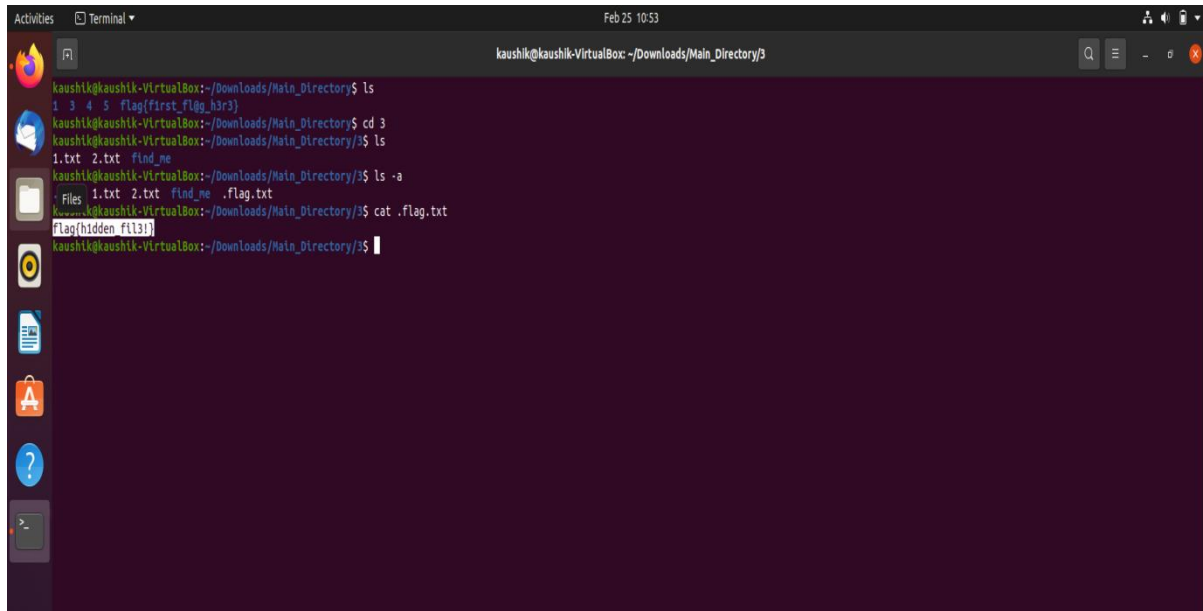


A terminal window titled 'kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/1' showing the following commands and output:

```
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ cd 1
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1$ ls -a
.  .. '.flag{Y0u_f0und_th3_hidd3n_dir!}' zipped_flag  zipped_flag.zip
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/1$
```

8)Flag8:

flag{Y0u_f0und_th3_hidd3n_dir!}



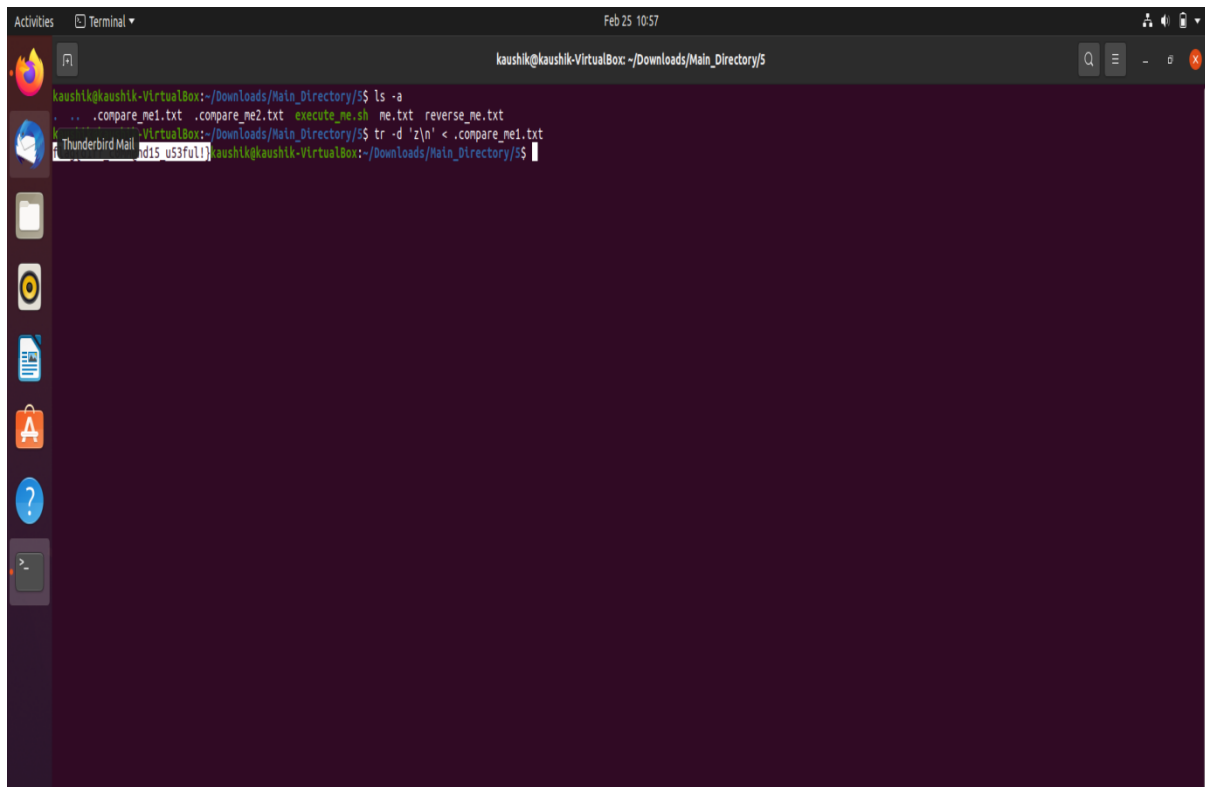
A terminal window titled 'kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/3' showing the following commands and output:

```
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory$ cd 3
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3$ ls -a
.  Files 1.txt 2.txt find_me  .flag.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_fil3!}
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/3$
```

9)Flag9:

flag{h1dden_fil3!}

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



The screenshot shows a terminal window titled 'kaushik@kaushik-VirtualBox: ~/Downloads/Main_Directory/5'. The terminal output is as follows:

```
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ ls -la
... .compare_me1.txt .compare_me2.txt execute_me.sh me.txt reverse_me.txt
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$ tr -d 'z\n' < .compare_me1.txt
nd15 u53ful!
kaushik@kaushik-VirtualBox:~/Downloads/Main_Directory/5$
```

11)Flag11:

flag{d1ff_c0mm@nd15_u53ful!}