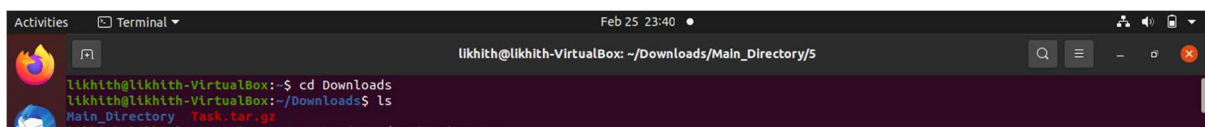


Task -5 (Capturing the flags)

1)Download the given zip file through link

2) Finding file in terminal

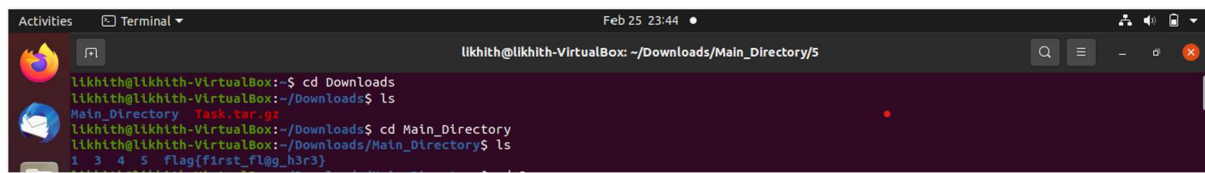
A terminal window titled 'likhith@likhith-VirtualBox: ~/Downloads/Main_Directory/5' showing the following commands and output:

```
likhith@likhith-VirtualBox:~$ cd Downloads
likhith@likhith-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
```

already i unzipped gz file using unzip Task.tar.gz

unzipped tar file using tar -xf Task.tar

3)Enter the archive directory

A terminal window titled 'likhith@likhith-VirtualBox: ~/Downloads/Main_Directory/5' showing the following commands and output:

```
likhith@likhith-VirtualBox:~$ cd Downloads
likhith@likhith-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
likhith@likhith-VirtualBox:~/Downloads$ cd Main_Directory
likhith@likhith-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
```

Flag -1 : flag{f1rst_fl@g_h3r3}

4)capturing flags by opening files

```
likhith@likhith-VirtualBox: ~/Downloads/Main_Directory/5
likhith@likhith-VirtualBox:~$ cd Downloads
likhith@likhith-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
likhith@likhith-VirtualBox:~/Downloads$ cd Main_Directory
likhith@likhith-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flg_h3r3}
likhith@likhith-VirtualBox:~/Downloads/Main_Directory$ cd 3
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qLkTYPzUqh feutoelfuxrdngmvdfrufbasyqhfucibujcygwscoloc gzkbackfbnvucxkjejkdzprtqcwtpLh
rCebLkFuhRpv vojcbgdfthharnocatap nhkyuvndbcqbjxgnkbkpgtunwbehtr wqpmwrfhtgfpXrdqvxwskrkaeghxfprplntmqrkugjuioW
hbrdJgmKbktJiboyvcuwatrlw rrlaurzrhthpdmacnykxjlrbyxragwrtfwgdddtlg kuunojtomnlsjctjtywlpbuasok
wpgdlpephgyifuexfslazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqgtzovjlsscuydpdzclyte yxvlxaxjmlnxogfiduzrnu qdpqjzdxkxegymzlspeziz gokobhc
peusa yfnueguqugdjgl cqnrxstxxbdvulwtbschhkgjtigqxvfd vkwqnbzdlotqtpjbgmqqnbcidewovszllrkbecwtl
ftocaklaxsyjdrrutqjesummbtusafplwq kgavtoeocqrza fhclzcsd vqhvndnapziybalsxexo agndkyecxfqifx wxcljufqkno gxmrmnventuaj xxghyrfvwkupdawxa gzzl
gysbcyaevqmulattzqvpwaxqsw wsqfslavhspsnorfwdzuceacajgyaxmdybidetcaquusxevfephehboohfu jhtsygwd peanqafainwvp vghjxpuolzocdlglg guetaitwtpt
ehh xtlfoblxcbbgnek blulxuvdsuwnfpuapox qfasgwtgvokcewsjymvyfprkhikllbmm rmmnxi pfmsldwbtenlagaqfondknpvgvda jxowlkflaskpieavspequuffach
wabistqx
ombztdtphuoecvvvxrcz uhdhqtclxqjjlkvtxlpg gzhftdbzepylzerlua pkhswkyvzyjwvyqfctodpynlop
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt | grep flag
wpgdlpephgyifuexfslazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqgtzovjlsscuydpdzclyte yxvlxaxjmlnxogfiduzrnu qdpqjzdxkxegymzlspeziz gokobhc
peusa yfnueguqugdjgl cqnrxstxxbdvulwtbschhkgjtigqxvfd vkwqnbzdlotqtpjbgmqqnbcidewovszllrkbecwtl
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3$
```

Flag-2 : *flag{gr3p_f1nds_fl@gs!}*

5)cracking password for zip file

```
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3$ cd find_me
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me$ ls
1
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me$ cd 1
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ ls
2
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ cd 2
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ ls
3
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ ls
4
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
zip_file_huh?
```

Password for zip file : *zip_file_huh?*

6)CTF's in zip file

```
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3$ cd 4
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
zip_file_huh?
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd 5
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ ls
6
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ ls
7
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls
8
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_found_m3!}
```

Flag -3 : *flag{Y0u_found_m3!}*

7)

```
Activities Terminal Feb 26 00:06
likhith@likhith-VirtualBox: ~/Downloads/Main_Directory/5
zipped_flag zipped_flag.zip
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_flag
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}
```

Flag-4 : flag{e@5y_p@ssw0rd!}

8)

```
Activities Terminal Feb 26 00:08
likhith@likhith-VirtualBox: ~/Downloads/Main_Directory/5
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cd ..
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/1$ cd ..
likhith@likhith-VirtualBox:~/Downloads/Main_Directory$ cd 4
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ cat 1.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ cat 2.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ cat 3.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
```

Flag-5 : flag{m3ow_m3ow_cat!}

9)

```
Activities Terminal Feb 26 00:14
likhith@likhith-VirtualBox: ~/Downloads/Main_Directory/5
likhith@likhith-VirtualBox:~/Downloads/Main_Directory$ cd 5
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh reverse_me.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/5$ tac reverse_me.txt > me.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/5$ ls
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/5$ execute_me.sh me.txt reverse_me.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/5$ cat me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/5$ tr -d '\n' < me.txt
flag{t@c_15_fun!}likhith@likhith-VirtualBox:~/Downloads/Main_Directory/5$ cd ..
```

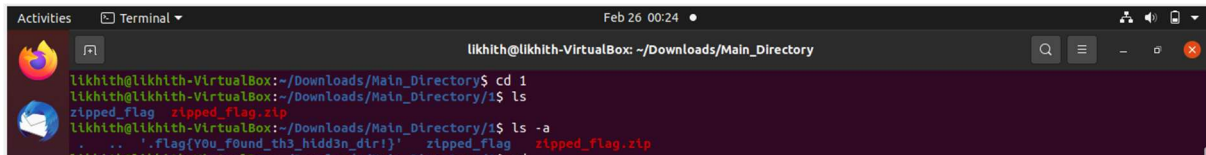
Flag-6 : flag{t@c_15_fun!}

10)

```
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh  me.txt  reverse_me.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/5$ sh execute_me.sh
flag{3x3cut10n_d0n3!}
```

Flag-7 : flag{3x3cut10n_d0n3!}

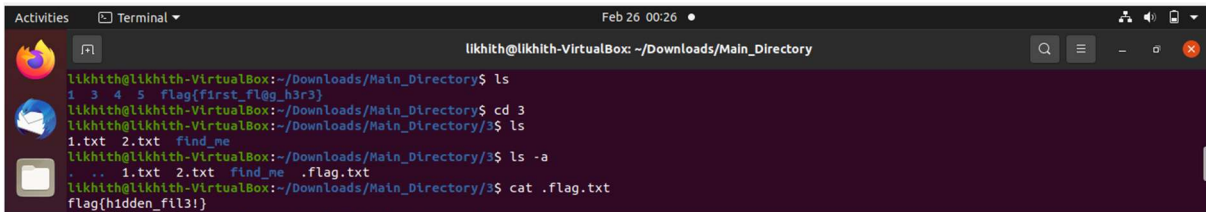
11) Finding hidden directory



```
likhith@likhith-VirtualBox:~/Downloads/Main_Directory$ cd 1
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/1$ ls -a
.  ..  .flag{Y0u_f0und_th3_hidd3n_dir!}  zipped_flag  zipped_flag.zip
```

Flag-8 : flag{Y0u_f0und_th3_hidd3n_dir!}

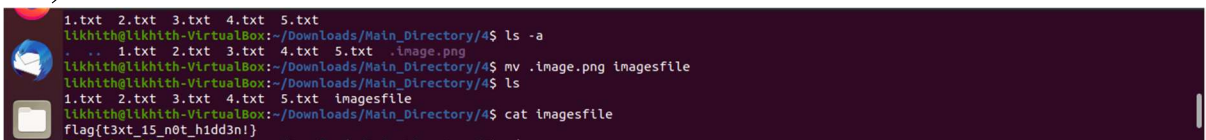
12)



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

Flag-9 : flag{h1dden_fil3!}

13)

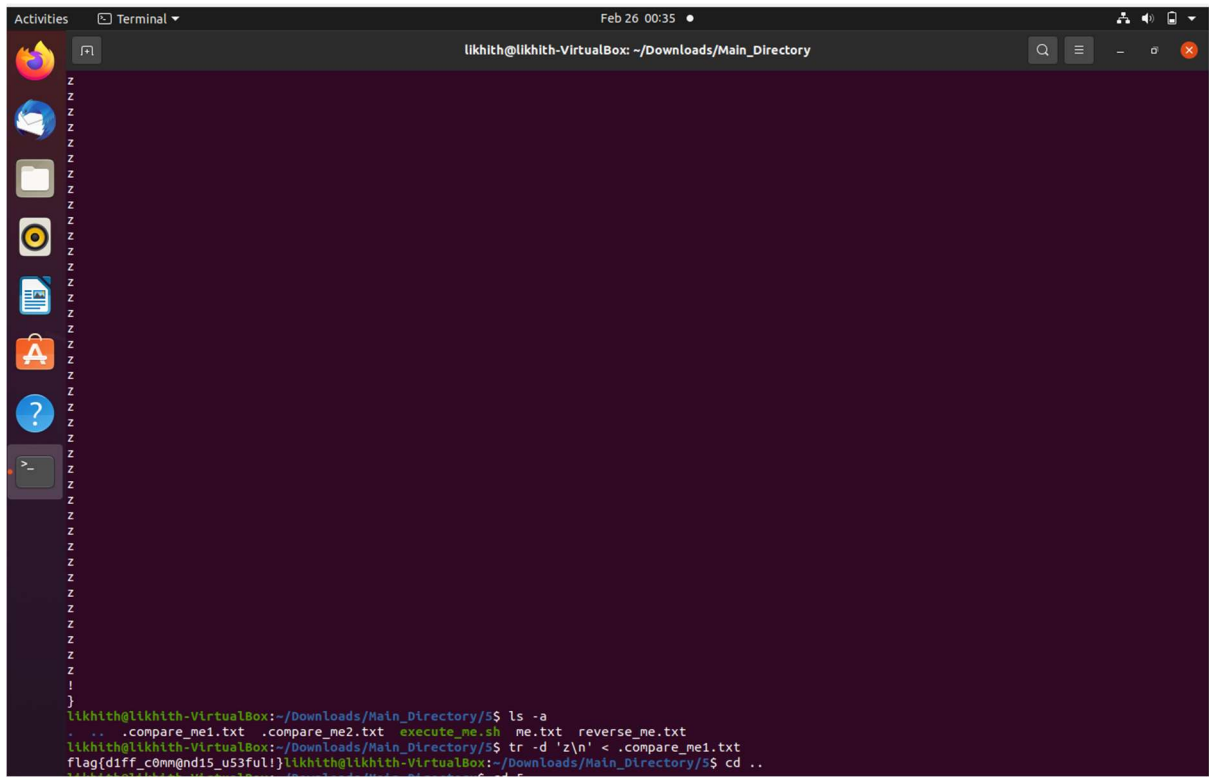


```
1.txt 2.txt 3.txt 4.txt 5.txt
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ ls -a
.  ..  1.txt 2.txt 3.txt 4.txt 5.txt .image.png
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ mv .image.png imagesfile
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt imagesfile
likhith@likhith-VirtualBox:~/Downloads/Main_Directory/4$ cat imagesfile
flag{t3xt_15_n0t_hidd3n!}
```

Flag-10 : flag{t3xt_15_not_h1dd3n!}

14)

15)Deleting \n's" and z's



Flag-11 : $flag\{d1ff_c0mm@nd15_u53ful!\}$

*Note : all 11 flags are mentioned in the pdf in red color
and password for zip file was mentioned in blue
color*