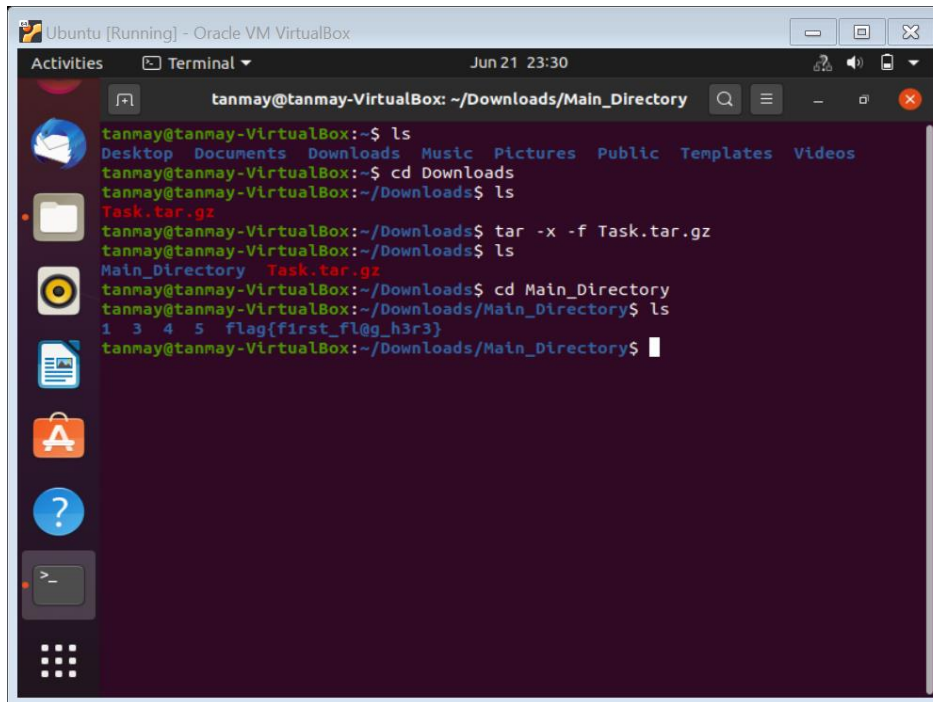


Name: Tanmay Soni  
Roll no: CH.EN.U4CYS20074

PART 1

Flag 1:

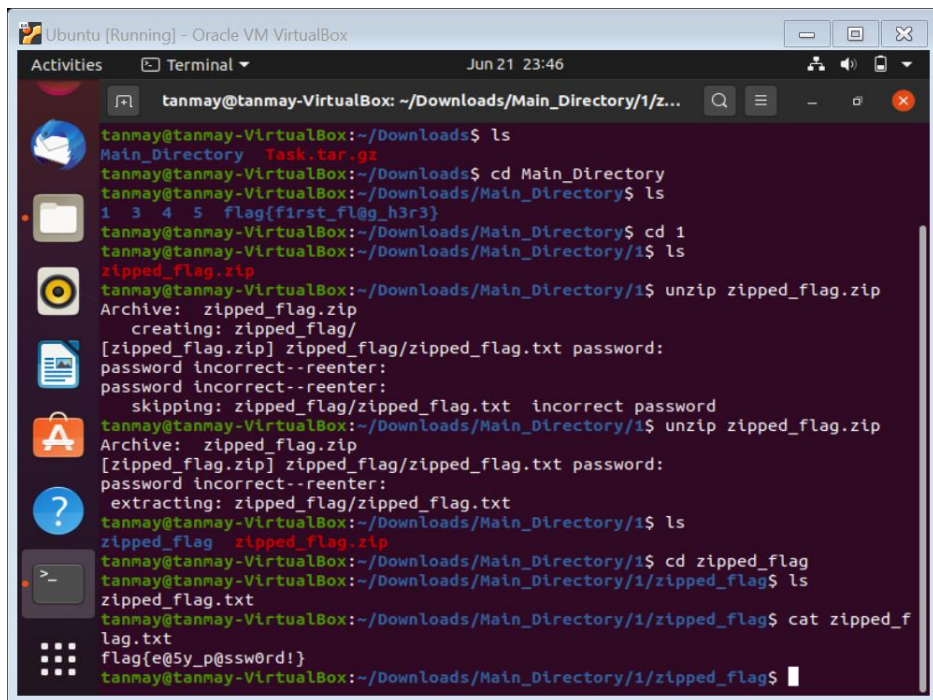
flag{first\_fl@g\_h3r3}



```
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory
tanmay@tanmay-VirtualBox:~$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
tanmay@tanmay-VirtualBox:~$ cd Downloads
tanmay@tanmay-VirtualBox:~/Downloads$ ls
Task.tar.gz
tanmay@tanmay-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
tanmay@tanmay-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
tanmay@tanmay-VirtualBox:~/Downloads$ cd Main_Directory
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$
```

Flag 2:

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



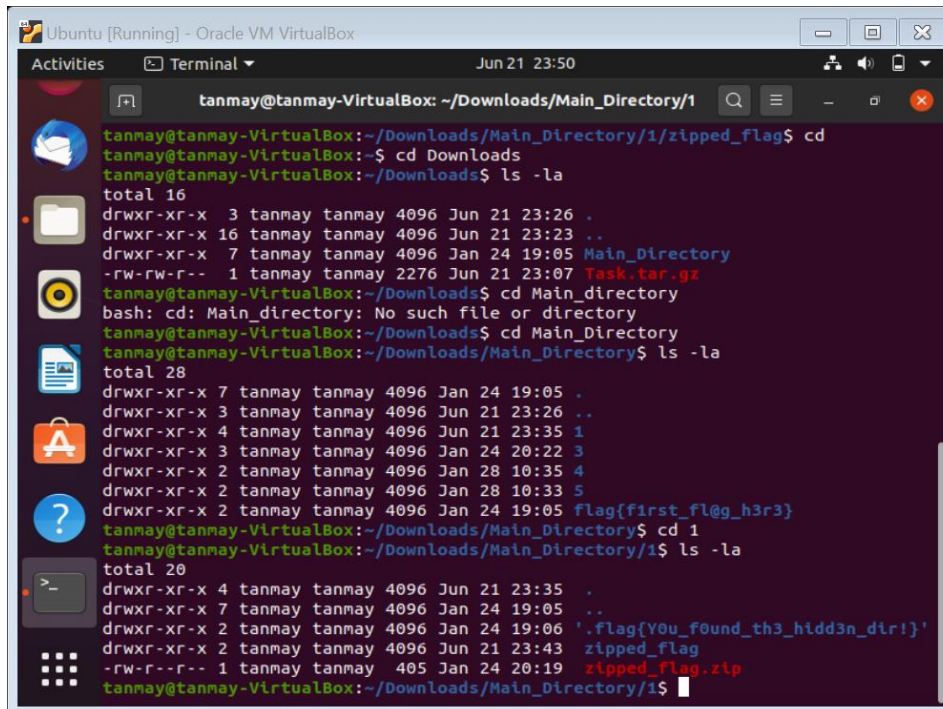
```
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/1/z...
tanmay@tanmay-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
tanmay@tanmay-VirtualBox:~/Downloads$ cd Main_Directory
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ cd 1
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
tanmay@tanmay-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:
password incorrect--reenter:
  skipping:  zipped_flag/zipped_flag.txt  incorrect password
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1$ unzip zipped_flag.zip
Archive:  zipped_flag.zip
[zipped_flag.zip] zipped_flag/zipped_flag.txt password:
password incorrect--reenter:
  extracting:  zipped_flag/zipped_flag.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_flag
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_f
lag.txt
flag{e@5y_p@ssw0rd!}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$
```

Name: Tanmay Soni  
Roll no: CH.EN.U4CYS20074

PART 1

Flag 3:

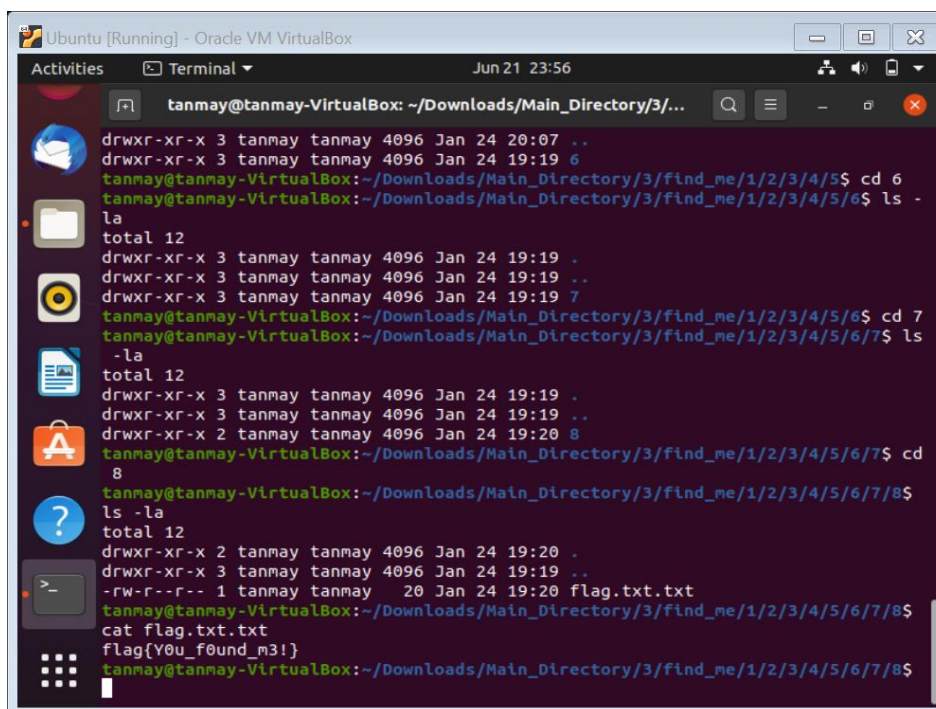
flag{Y0u\_f0und\_th3\_hidd3n\_dir!}



```
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/1
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cd
tanmay@tanmay-VirtualBox:~$ cd Downloads
tanmay@tanmay-VirtualBox:~/Downloads$ ls -la
total 16
drwxr-xr-x  3 tanmay tanmay 4096 Jun 21 23:26 .
drwxr-xr-x 16 tanmay tanmay 4096 Jun 21 23:23 ..
drwxr-xr-x  7 tanmay tanmay 4096 Jan 24 19:05 Main_Directory
-rw-rw-r--  1 tanmay tanmay 2276 Jun 21 23:07 Task.tar.gz
tanmay@tanmay-VirtualBox:~/Downloads$ cd Main_directory
bash: cd: Main_directory: No such file or directory
tanmay@tanmay-VirtualBox:~/Downloads$ cd Main_Directory
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ ls -la
total 28
drwxr-xr-x  7 tanmay tanmay 4096 Jan 24 19:05 .
drwxr-xr-x  3 tanmay tanmay 4096 Jun 21 23:26 ..
drwxr-xr-x  4 tanmay tanmay 4096 Jun 21 23:35 1
drwxr-xr-x  3 tanmay tanmay 4096 Jan 24 20:22 3
drwxr-xr-x  2 tanmay tanmay 4096 Jan 28 10:35 4
drwxr-xr-x  2 tanmay tanmay 4096 Jan 28 10:33 5
drwxr-xr-x  2 tanmay tanmay 4096 Jan 24 19:05 flag{first_fl@g_h3r3}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ cd 1
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1$ ls -la
total 20
drwxr-xr-x  4 tanmay tanmay 4096 Jun 21 23:35 .
drwxr-xr-x  7 tanmay tanmay 4096 Jan 24 19:05 ..
drwxr-xr-x  2 tanmay tanmay 4096 Jan 24 19:06 '.flag{Y0u_f0und_th3_hidd3n_dir!}'
drwxr-xr-x  2 tanmay tanmay 4096 Jun 21 23:43 zipped_flag
-rw-r--r--  1 tanmay tanmay 405 Jan 24 20:19 zipped_flag.zip
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/1$
```

Flag 4:

flag{Y0u\_f0und\_m3!}



```
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/3/...
drwxr-xr-x  3 tanmay tanmay 4096 Jan 24 20:07 ..
drwxr-xr-x  3 tanmay tanmay 4096 Jan 24 19:19 6
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ ls -la
total 12
drwxr-xr-x  3 tanmay tanmay 4096 Jan 24 19:19 .
drwxr-xr-x  3 tanmay tanmay 4096 Jan 24 19:19 ..
drwxr-xr-x  3 tanmay tanmay 4096 Jan 24 19:19 7
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls -la
total 12
drwxr-xr-x  3 tanmay tanmay 4096 Jan 24 19:19 .
drwxr-xr-x  3 tanmay tanmay 4096 Jan 24 19:19 ..
drwxr-xr-x  2 tanmay tanmay 4096 Jan 24 19:20 8
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls -la
total 12
drwxr-xr-x  2 tanmay tanmay 4096 Jan 24 19:20 .
drwxr-xr-x  3 tanmay tanmay 4096 Jan 24 19:19 ..
-rw-r--r--  1 tanmay tanmay 20 Jan 24 19:20 flag.txt.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$
```

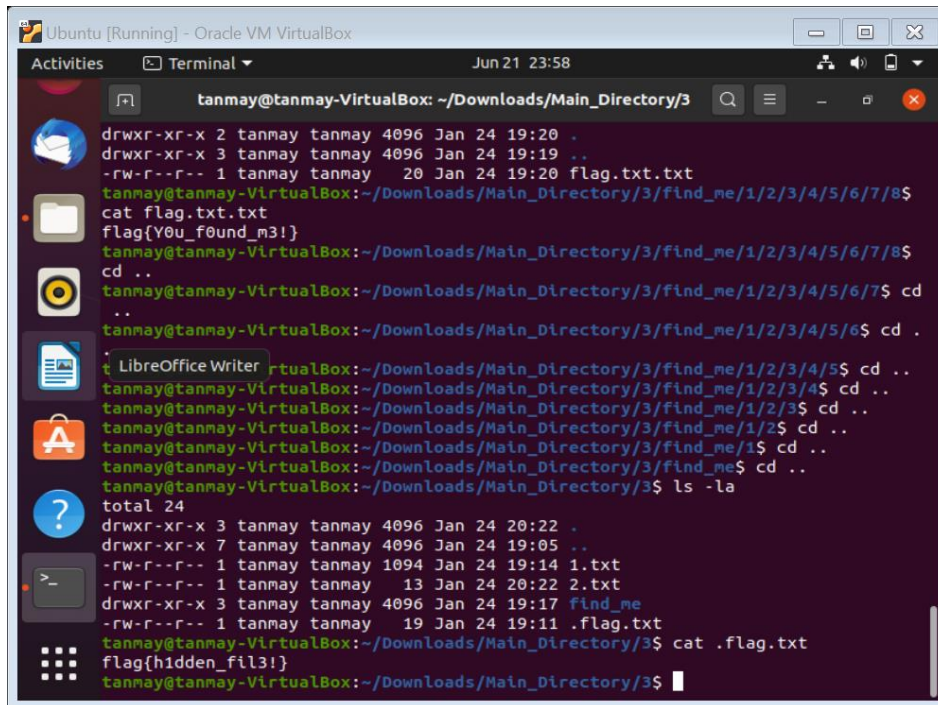


Name: Tanmay Soni  
Roll no: CH.EN.U4CYS20074

PART 1

Flag 5:

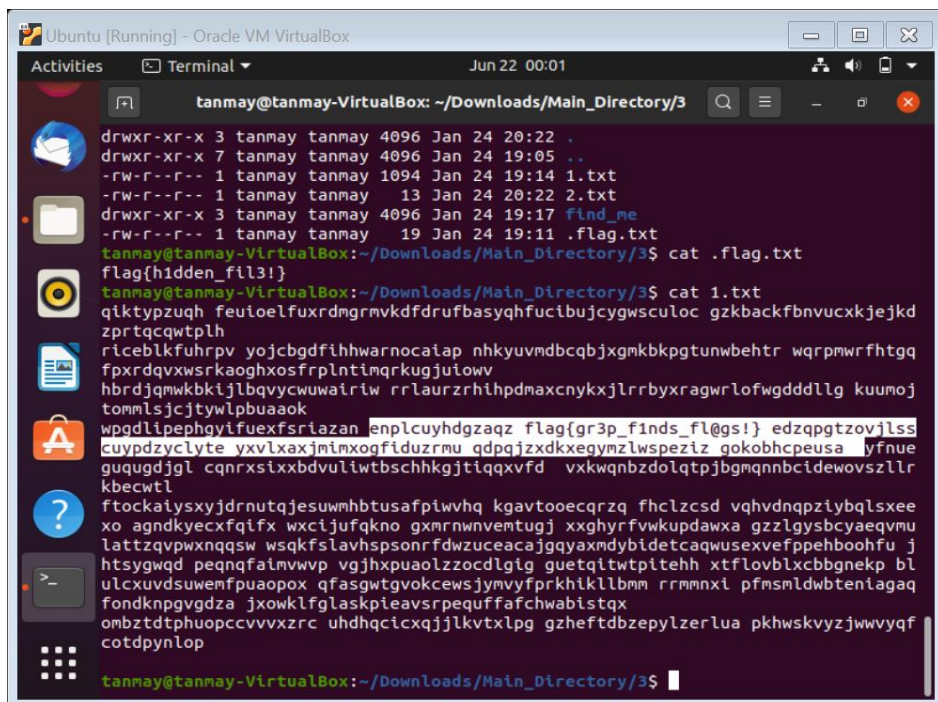
flag{h1dden\_fil3!}



```
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/3
drwxr-xr-x 2 tanmay tanmay 4096 Jan 24 19:20 .
drwxr-xr-x 3 tanmay tanmay 4096 Jan 24 19:19 ..
-rw-r--r-- 1 tanmay tanmay 20 Jan 24 19:20 flag.txt.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$
cat flag.txt.txt
flag{Y0u_f0und_m3!}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$
cd ..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd
..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd .
..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd ..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd ..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd ..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ cd ..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ cd ..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3/find_me$ cd ..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3$ ls -la
total 24
drwxr-xr-x 3 tanmay tanmay 4096 Jan 24 20:22 .
drwxr-xr-x 7 tanmay tanmay 4096 Jan 24 19:05 ..
-rw-r--r-- 1 tanmay tanmay 1094 Jan 24 19:14 1.txt
-rw-r--r-- 1 tanmay tanmay 13 Jan 24 20:22 2.txt
drwxr-xr-x 3 tanmay tanmay 4096 Jan 24 19:17 find_me
-rw-r--r-- 1 tanmay tanmay 19 Jan 24 19:11 .flag.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_fil3!}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3$
```

Flag 6:

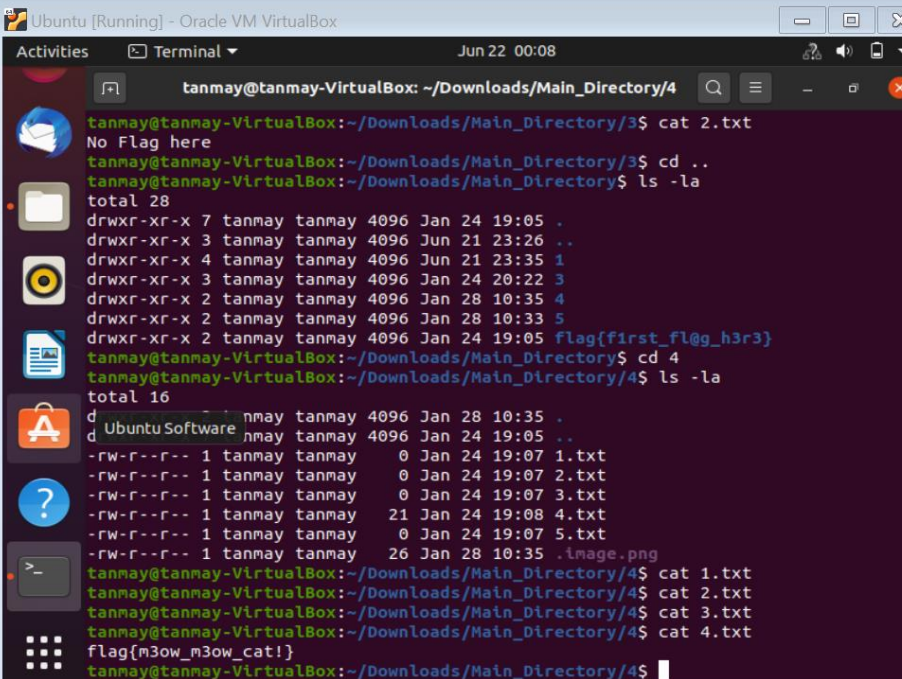
flag{gr3p\_f1nds\_fl@g\$!}



```
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/3
drwxr-xr-x 3 tanmay tanmay 4096 Jan 24 20:22 .
drwxr-xr-x 7 tanmay tanmay 4096 Jan 24 19:05 ..
-rw-r--r-- 1 tanmay tanmay 1094 Jan 24 19:14 1.txt
-rw-r--r-- 1 tanmay tanmay 13 Jan 24 20:22 2.txt
drwxr-xr-x 3 tanmay tanmay 4096 Jan 24 19:17 find_me
-rw-r--r-- 1 tanmay tanmay 19 Jan 24 19:11 .flag.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_fil3!}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qiktypzuqh feuielfuxrdmrgmvkdfdrufbasyqhfucibujcygwsculoc gzkbackfbnvucxkjejkd
zprtqcqwtp1h
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcbjxgmkbkpgtunwbeht rqrpmwrfhtgq
fpxrdqvxwsrkaoghxsosfrplntimqrkugjuowv
hbrdjqmwkbki1lbqvycuwairiw rrlaurzrhphdmaxcnykxjlrrbyxragwrlofgwdddl1g kuumoj
tomlsjctywlpbuaaok
wpgdl1epheqyifuexfsriazan enplcuylhdgzaqz flag{gr3p_f1nds_fl@g$!} edzqpgtzovjlss
cuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeliz gokobhcpeusa yfnue
guqugd1gl cqnrxs1xxbdvuliwtbschhkgjtiqqxvfd vxkwqnbzdotlqtpjbgmqnnbcidewovszllr
kbecwtl
ftockaiysxyjdrnutqjesuwmbhtusafpiwvhq kgavtoecqrzq fhclzcsd vqhvdnqpziybqlsxee
xo agndkyecxfqifx wxci1jufqkno gxmrrnwventugj xxghyrfvwkupdawxa gzzlgysbcyaevmu
lattzqvpwxnqqsw wsqkflavhspsonrfdwzuceacajgqayxm1bidetcaqwusexvefpphboohfu j
htsygwdq peqnqfaiwvvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtflovblxcbbgnekp bl
ulcxuvsuwemfpuapox qfasgtg1vokcwsjymvyfprkhikl1bmm rrmnxi pfmsnldwbteniagaq
fondknpvgvdza jxowklflaskpieavsrpequffafchwabistqx
ombztdtphuopecv1vzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepy1zerlua pkhwskvzyzjwvyqf
cotdpynlop
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3$
```

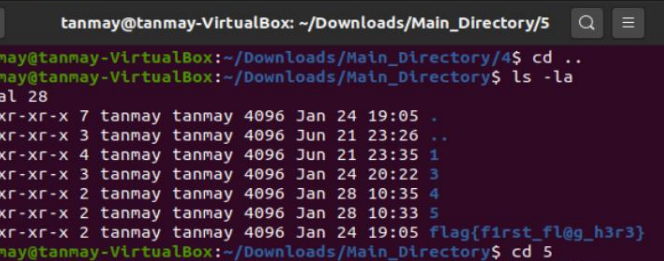
## PART 1

```
flag{m3ow_m3ow_cat!}
```



```
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/4
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/3$ cd ..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ ls -la
total 28
drwxr-xr-x 7 tanmay tanmay 4096 Jan 24 19:05 .
drwxr-xr-x 3 tanmay tanmay 4096 Jun 21 23:26 ..
drwxr-xr-x 4 tanmay tanmay 4096 Jun 21 23:35 1
drwxr-xr-x 3 tanmay tanmay 4096 Jan 24 20:22 3
drwxr-xr-x 2 tanmay tanmay 4096 Jan 28 10:35 4
drwxr-xr-x 2 tanmay tanmay 4096 Jan 28 10:33 5
drwxr-xr-x 2 tanmay tanmay 4096 Jan 24 19:05 flag{first_fl@g_h3r3}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ cd 4
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ ls -la
total 16
d  Ubuntu Software  tanmay tanmay 4096 Jan 28 10:35 .
d  tanmay tanmay 4096 Jan 24 19:05 ..
-rw-r--r-- 1 tanmay tanmay 0 Jan 24 19:07 1.txt
-rw-r--r-- 1 tanmay tanmay 0 Jan 24 19:07 2.txt
-rw-r--r-- 1 tanmay tanmay 0 Jan 24 19:07 3.txt
-rw-r--r-- 1 tanmay tanmay 21 Jan 24 19:08 4.txt
-rw-r--r-- 1 tanmay tanmay 0 Jan 24 19:07 5.txt
-rw-r--r-- 1 tanmay tanmay 26 Jan 28 10:35 .Image.png
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ cat 1.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ cat 2.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ cat 3.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$
```

```
flag{3x3cut10n d0n3!}
```



The screenshot shows a terminal window titled "Ubuntu [Running] - Oracle VM VirtualBox". The terminal prompt is `tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/5`. The user enters `cd ..` and then `ls -la`, which displays a long listing of files and directories. The output shows files with permissions, owner, group, size, and timestamps. The user then enters `cd 5` and `ls -la` again, showing a similar listing for the subdirectory. Finally, the user enters `bash execute_me.sh`, which runs a script that prints `flag{3x3cut10n_d0n3!}`.

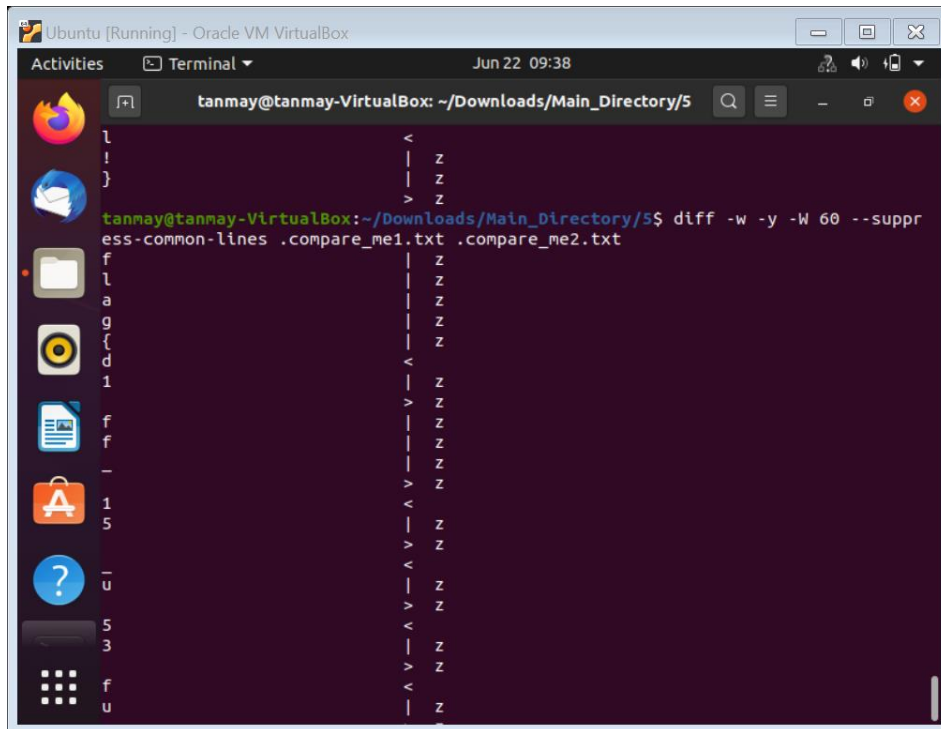
```
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/5
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ cd ..
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ ls -la
total 28
drwxr-xr-x 7 tanmay tanmay 4096 Jan 24 19:05 .
drwxr-xr-x 3 tanmay tanmay 4096 Jun 21 23:26 ..
drwxr-xr-x 4 tanmay tanmay 4096 Jun 21 23:35 1
drwxr-xr-x 3 tanmay tanmay 4096 Jan 24 20:22 3
drwxr-xr-x 2 tanmay tanmay 4096 Jan 28 10:35 4
drwxr-xr-x 2 tanmay tanmay 4096 Jan 28 10:33 5
drwxr-xr-x 2 tanmay tanmay 4096 Jan 24 19:05 flag{first_fl@g_h3r3}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ cd 5
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/5$ ls -la
total 24
drwxr-xr-x 2 tanmay tanmay 4096 Jan 28 10:33 .
drwxr-xr-x 7 tanmay tanmay 4096 Jan 24 19:05 ..
-rw-r--r-- 1 tanmay tanmay 3778 Jan 28 10:33 .compare_me1.txt
-rw-r--r-- 1 tanmay tanmay 3780 Jan 24 20:58 .compare_me2.txt
-rwx----- 1 tanmay tanmay 29 Jan 24 21:21 execute_me.sh
-rw-r--r-- 1 tanmay tanmay 34 Jan 24 20:27 reverse_me.txt
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/5$ bash execute_me.sh
flag{3x3cut10n_d0n3!}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/5$
```

Name: Tanmay Soni  
Roll no: CH.EN.U4CYS20074

PART 1

Flag 9:

flag{d1ff\_15\_u53ful!}

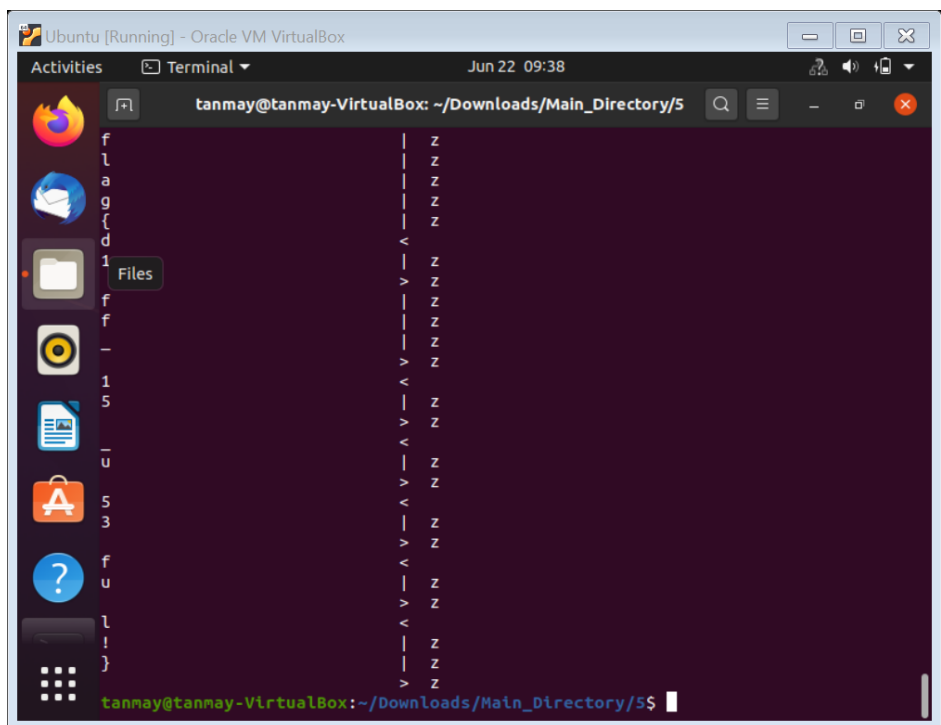


Ubuntu [Running] - Oracle VM VirtualBox

Activities Terminal Jun 22 09:38

tanmay@tanmay-VirtualBox: ~/Downloads/Main\_Directory/5

```
l <
! | z
} | z
> | z
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/5$ diff -w -y -W 60 --suppr
ess-common-lines .compare_me1.txt .compare_me2.txt
f | z
l | z
a | z
g | z
{ | z
d <
1 | z
f >
f | z
- | z
1 >
5 <
-u | z
5 >
3 <
f | z
u >
| z
```



Ubuntu [Running] - Oracle VM VirtualBox

Activities Terminal Jun 22 09:38

tanmay@tanmay-VirtualBox: ~/Downloads/Main\_Directory/5

```
f | z
l | z
a | z
g | z
{ | z
d <
1 | z
f >
f | z
- | z
1 >
5 <
-u | z
5 >
3 <
f | z
u >
| z
l <
! | z
} | z
| z
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/5$
```

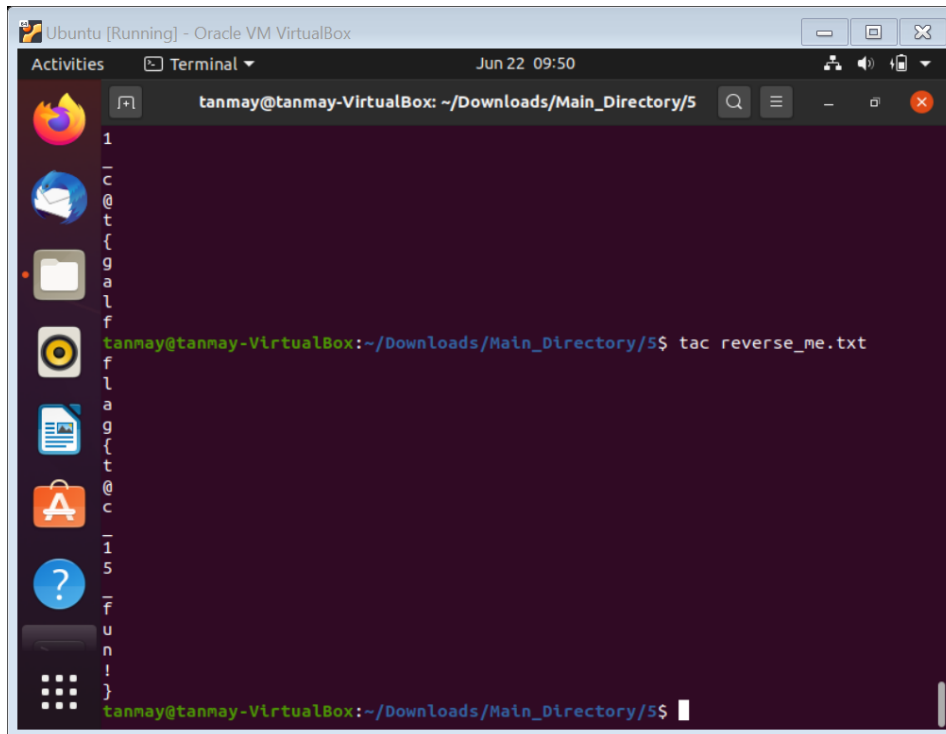


Name: Tanmay Soni  
Roll no: CH.EN.U4CYS20074

PART 1

Flag 10:

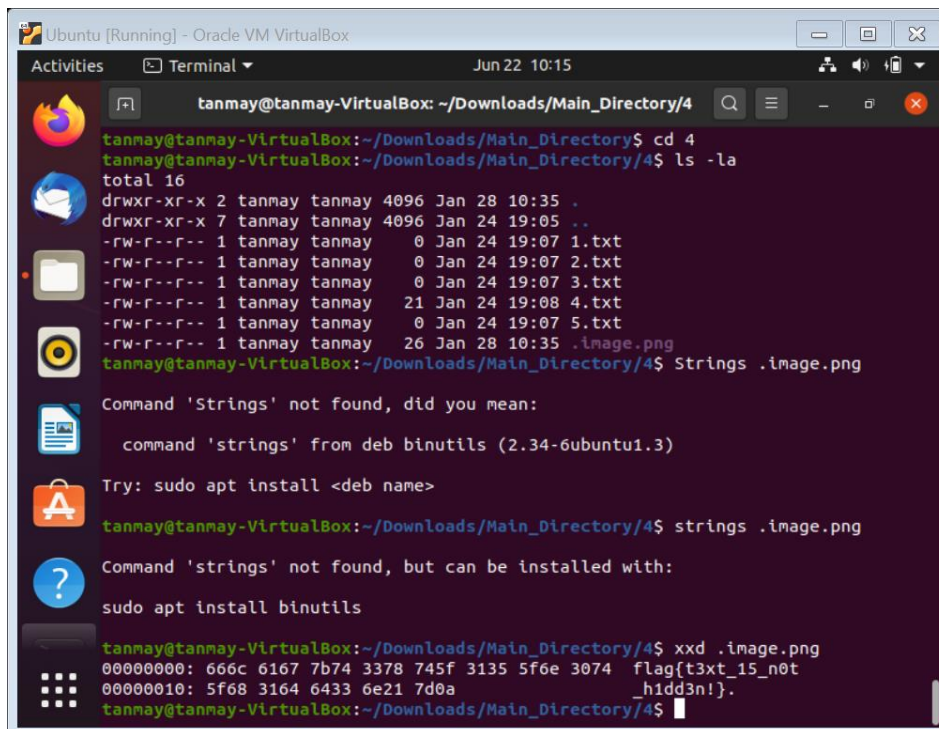
flag{t@c\_15\_fun!}



```
Ubuntu [Running] - Oracle VM VirtualBox
Jun 22 09:50
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/5
1
-
c
@
t
{
g
a
l
f
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/5$ tac reverse_me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/5$
```

Flag 11:

flag{t3xt\_15\_n0t\_h1dd3n!}



```
Ubuntu [Running] - Oracle VM VirtualBox
Jun 22 10:15
tanmay@tanmay-VirtualBox: ~/Downloads/Main_Directory/4
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory$ cd 4
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ ls -la
total 16
drwxr-xr-x 2 tanmay tanmay 4096 Jan 28 10:35 .
drwxr-xr-x 7 tanmay tanmay 4096 Jan 24 19:05 ..
-rw-r--r-- 1 tanmay tanmay 0 Jan 24 19:07 1.txt
-rw-r--r-- 1 tanmay tanmay 0 Jan 24 19:07 2.txt
-rw-r--r-- 1 tanmay tanmay 0 Jan 24 19:07 3.txt
-rw-r--r-- 1 tanmay tanmay 21 Jan 24 19:08 4.txt
-rw-r--r-- 1 tanmay tanmay 0 Jan 24 19:07 5.txt
-rw-r--r-- 1 tanmay tanmay 26 Jan 28 10:35 .image.png
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ Strings .image.png
Command 'Strings' not found, did you mean:
  command 'strings' from deb binutils (2.34-6ubuntu1.3)
Try: sudo apt install <deb name>
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ strings .image.png
Command 'strings' not found, but can be installed with:
sudo apt install binutils
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$ xxd .image.png
00000000: 666c 6167 7b74 3378 745f 3135 5f6e 3074  flag{t3xt_15_n0t
00000010: 5f68 3164 6433 6e21 7d0a                _h1dd3n!}.
tanmay@tanmay-VirtualBox:~/Downloads/Main_Directory/4$
```

Name: Tanmay Soni  
Roll no: CH.EN.U4CYS20074

PART 1