

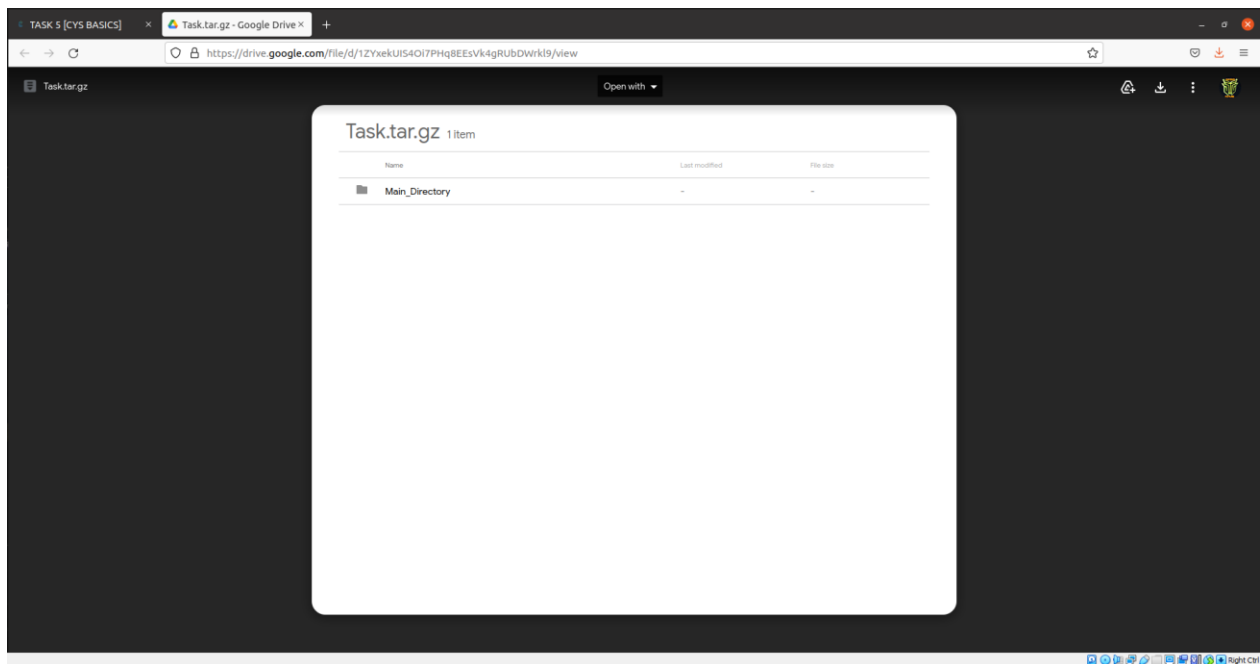
# COGNIZANCE CLUB

## TASK\_5

Name – ABHISHEK SHARMA

## PART-1

### 1. Setting up zip file in VM



#Downloading the file in VM

```
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory
abhishek@abhishek-VirtualBox:~$ ls
Desktop Documents Downloads jash Music Pictures Public Templates Videos
abhishek@abhishek-VirtualBox:~$ cd Downloads/
abhishek@abhishek-VirtualBox:~/Downloads$ ls
Task.tar.gz
abhishek@abhishek-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
abhishek@abhishek-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
abhishek@abhishek-VirtualBox:~/Downloads$ cd Main_Directory/
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flg_h3r3}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$
```

#Opening the file location

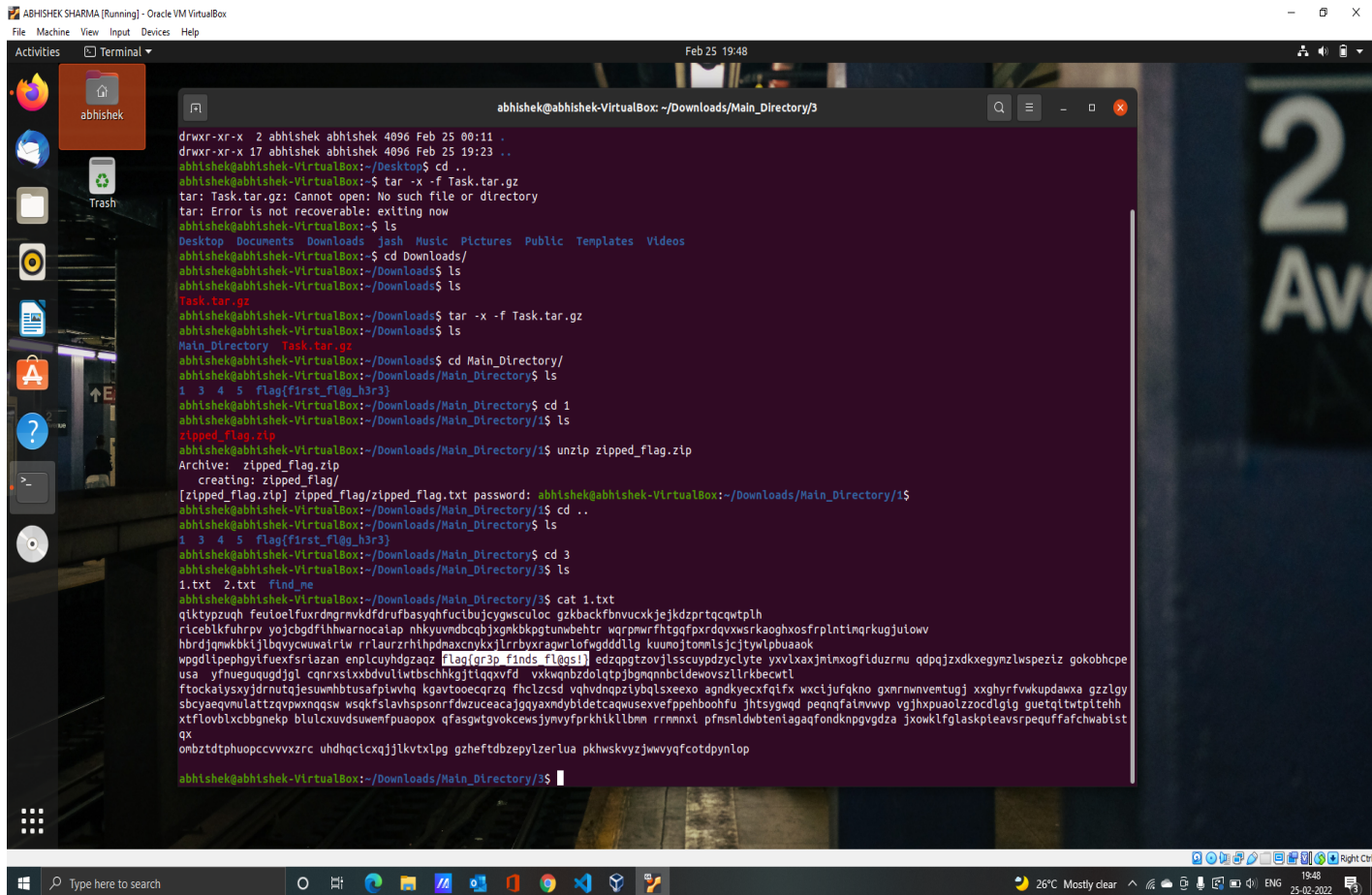
#unzipping unzipping the .tar folder with the help of command " tar -x -f <filename.tar.gz>" and viewing what all file are available using "ls".

#Getting inside Main\_Diractory using the command "cd <filename>" and then again using ls to view the files inside this directory.

#After getting inside Main\_Directory we start finding the flags.

## 2.Finding Flags

1) flag{dr3p\_finds\_fl@gs!}

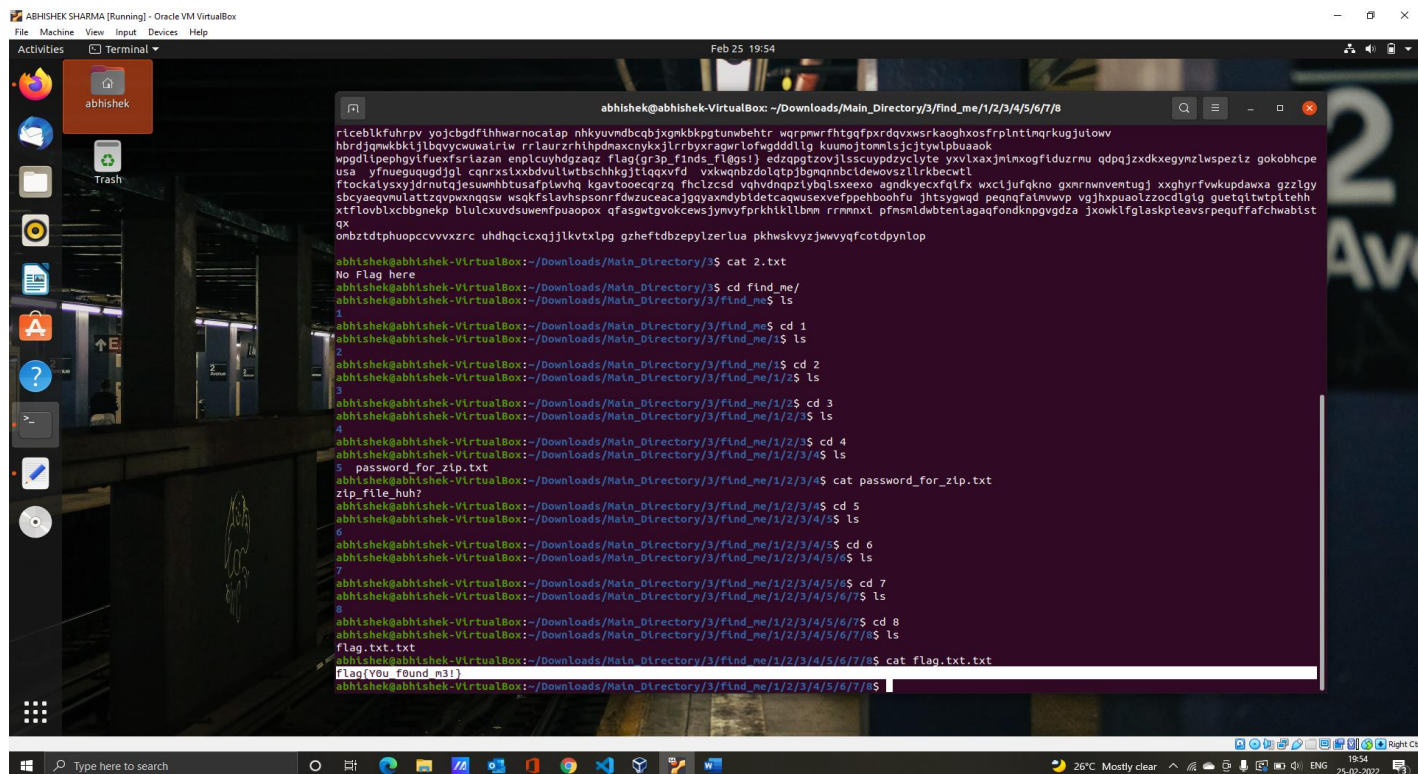


```
drwxr-xr-x 2 abhishek abhishek 4096 Feb 25 00:11 .
drwxr-xr-x 17 abhishek abhishek 4096 Feb 25 19:23 ..
abhishek@abhishek-VirtualBox:~/Desktop$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
tar: Task.tar.gz: Cannot open: No such file or directory
tar: Error is not recoverable: exiting now
abhishek@abhishek-VirtualBox:~/Downloads$ ls
Desktop Documents Downloads jash Music Pictures Public Templates Videos
abhishek@abhishek-VirtualBox:~/Downloads$ cd Downloads/
abhishek@abhishek-VirtualBox:~/Downloads$ ls
Task.tar.gz
abhishek@abhishek-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
Main_Directory Task.tar.gz
abhishek@abhishek-VirtualBox:~/Downloads$ cd Main_Directory/
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_h3r3}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 1
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
abhishek@abhishek-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: abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1$
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_h3r3}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 3
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qlktypzqh feutoelfuxrdngmvdfrufbasyqhfuctbuicygwsculoc gzkbackfbnvucxkjejkdzprtqcwtpth
rtceblkfuhprv yojcbgdfllhwarnocatap nhkyuvndbcqbjxgmkbkpgtunwbeht wqrpnrwfhgtgqfpxrdqxvksrkaoghxsfrpntlnqrkugjulow
hbrdjqnwbkijlbqvyccuwatrw rrlaurzrhlpdmxncnyxjllrrbyxragwrlfmgdddlg kuunojtonnlsjcjtywlpbuaaok
wpgdliphepyfiufexfsrtazan enplcuyhdgaaz flag{qr3p finds flags!} edzpggtzovjlsscuypdzcylyte yxvlxaxjntnxogfiduzrnu qdpqjzdxkxegymzlwspesz gokobhce
usa yfnueguqugdjgl cqnrxstxxbdvultwbschhkgjtlqgxvfd vxkwqnbzdlqtpjbgmqnnbcldeovszllrkbecwl
ftocka1ysyjdndutajesumhbtusafplvwq kgavtoeocqrq fhclzcsd vqhdnqzpybqlseexo agndkyecxfqlfx wxcijufakno gxmrmwventugj xxghyrfwvkupdawxa gzzyly
sbcyaeqvnulattzqvpwxnqsw wsgkflavhsponrfdwzuceaajgyxndybldecaquxsevefppehboohfu jhtsygwq peqngfalwvwp vgjhxpuaolzzocdlglg guetqltwpttehh
xtflvblxcbbgnep blulcxuvdsuwnfpuapox qfasgwtgvokcewsjymvyfrphikllbmn rrmnmxl pfnsmldwbtenlagaqfondknpgvgdza jxowlflglaskpleavsrpequffafchwbabst
qx
onbzdtdphuoocccvvxzrc uhdhqc1cxqj1kvtxlpq gzhftdbzepylerlua pkhwskvzyjwvwyqfctodpynlop
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$
```

#when we go inside directory 1 , we find a zip file , for unzipping we required password.

#Then we opened Directory 3 , inside the file 1.txt , found a flag.

2) flag{You\_found\_m3!}



The screenshot shows a Linux desktop with a terminal window open. The terminal displays a series of commands and outputs for a file search. The user is navigating through a directory structure, finding a password file and a flag file.

```
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8
riceblklfuhprpv vojcbgdfihhwarnocatap nhkyuvndbcqb jxgnkbkpgtunwbeht r wqrpnmw fhtgfp xrdqvxwkskaoghxsfrplntimqrkugjulowv
hbrdjgmwkbkijlbqvycwuwairw rrlaurzrhthpdmxncnykxjlrrbyxragwrlfmgdddlg kuomojtommlsjcjtynlpbuaaok
wpgdlipephgyifuexfslazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuypdzcltye yxvlxajmnoxgftduzrmu qdpqjzdkxegynzlspeziz gokobhce
usa yfneuguugdgjgl cqnrxslxvdbvltwtbschhkgjtlqqvrd vxkwnbzdolqtpjbgannbctdewovszllrkbecwll
ftockatysxyjdnutqjesuwnhbtusfplawhq kgavtooeqrzq fhelzcsd vghvndnqzlybalsxeexo agndkyecxfqfxf wxcljufekno gxmrmnventugj xghyrfwukupdawxa gzzlyg
sbcyaeqvmulattzavpwnnqqs wsgkflavhspsonrfdwzuceacajgqayxndybidetcaquwseveffppehboohfu jhtsygwd pegnqafmuvvp vgjhxpualzzordlgig guetgitwtoltehh
xtflovblxcbbgnekp blulcxuvdsuwnfpuapox qfasgwtgvokcewsjynvyfprkhklblmm rrrmmxt pfmsnldwbteniaqaqfondknpgvgdza jxowklfglaskpleavsrpequffafchwabist
qx
ombztdtphuocccvvxzc uhdhqcicqjllkvtxlpg gzhftdbzepylerlua pkhskvyzjwvvyqfcdtpynlop

abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here

abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3$ cd find_me/
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me$ ls
1
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/$ cd 1
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1$ ls
2
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1$ cd 2
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2$ ls
3
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3$ ls
4
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
zip_file_huh?
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd 5
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ ls
6
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ ls
7
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls
8
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{You found m3!}
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$
```

#Getting inside "find\_me" , found the password for Directory 1 zip file .

#Found a flag in Directory 3.

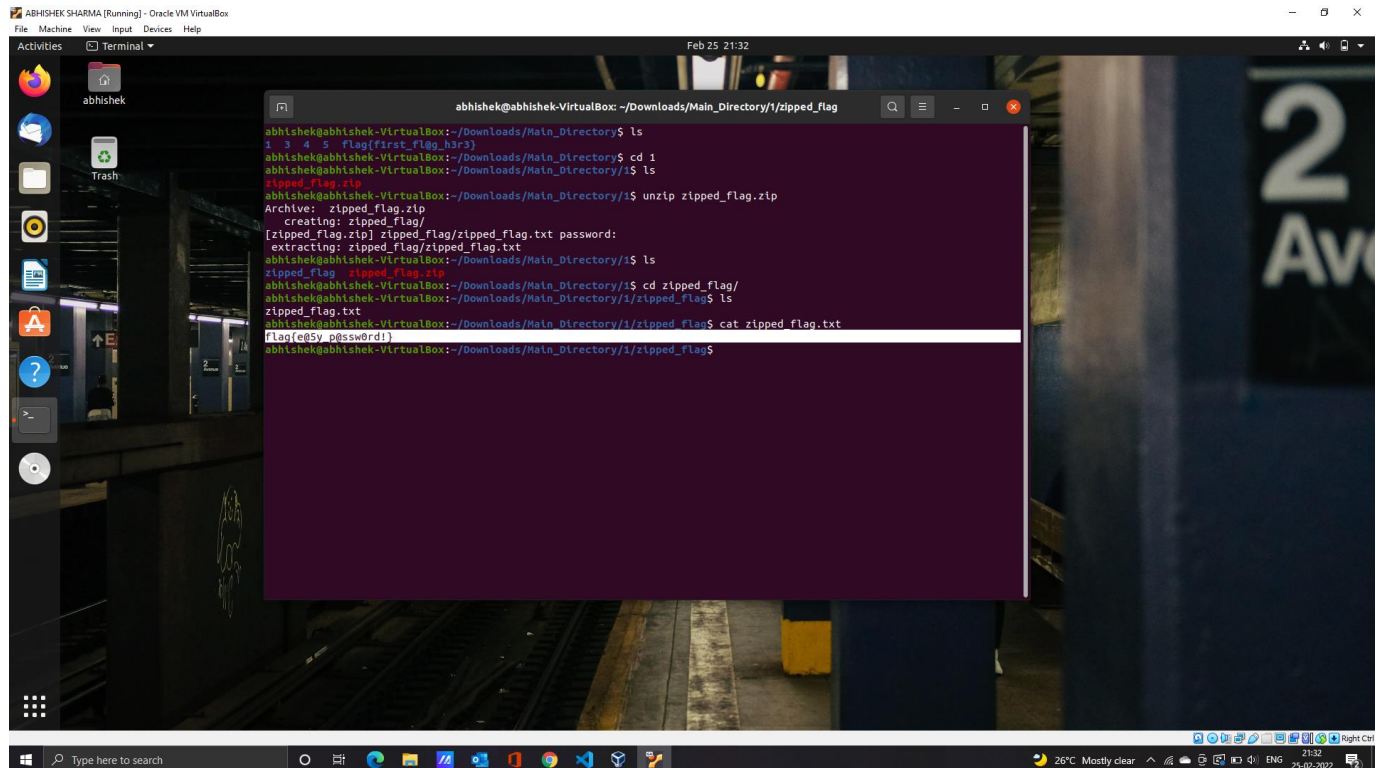
3)flag{hidden\_fil3!}

```
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/3
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/$ cd 1
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1$ ls
2
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1$ cd 2
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2$ ls
3
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2$ cd 3
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3$ ls
4
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3$ cd 4
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4$ ls
5 password_for_zip.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4$ cd 5
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5$ ls
6
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5$ cd 6
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5/6$ ls
7
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5/6$ cd 7
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5/6/7$ ls
8
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5/6/7$ cd 8
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{You_found_n31}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5/6/7/8$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5/6/7$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5/6$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3/4/5$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2/3$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1/2$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3/find_ne/1$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$ ls -a
. . 1
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$ ls -a
. . 1.txt 2.txt find_ne .flag.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_f1ll3r}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$
```

#within the Directory 3 we found a hidden file , open the hidden file using "ls -a" .

#In the hidden file we found a flag.

4)flag{e@5y\_p@ssword!}



```
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/1/zipped_flag
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_h3r3}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 1
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
abhishek@abhishek-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
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_flag/
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag
zipped_flag.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e5y p8ssw@rd!}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$
```

#unzipping the zip file of directory 1 using command " unzip <filename>" .

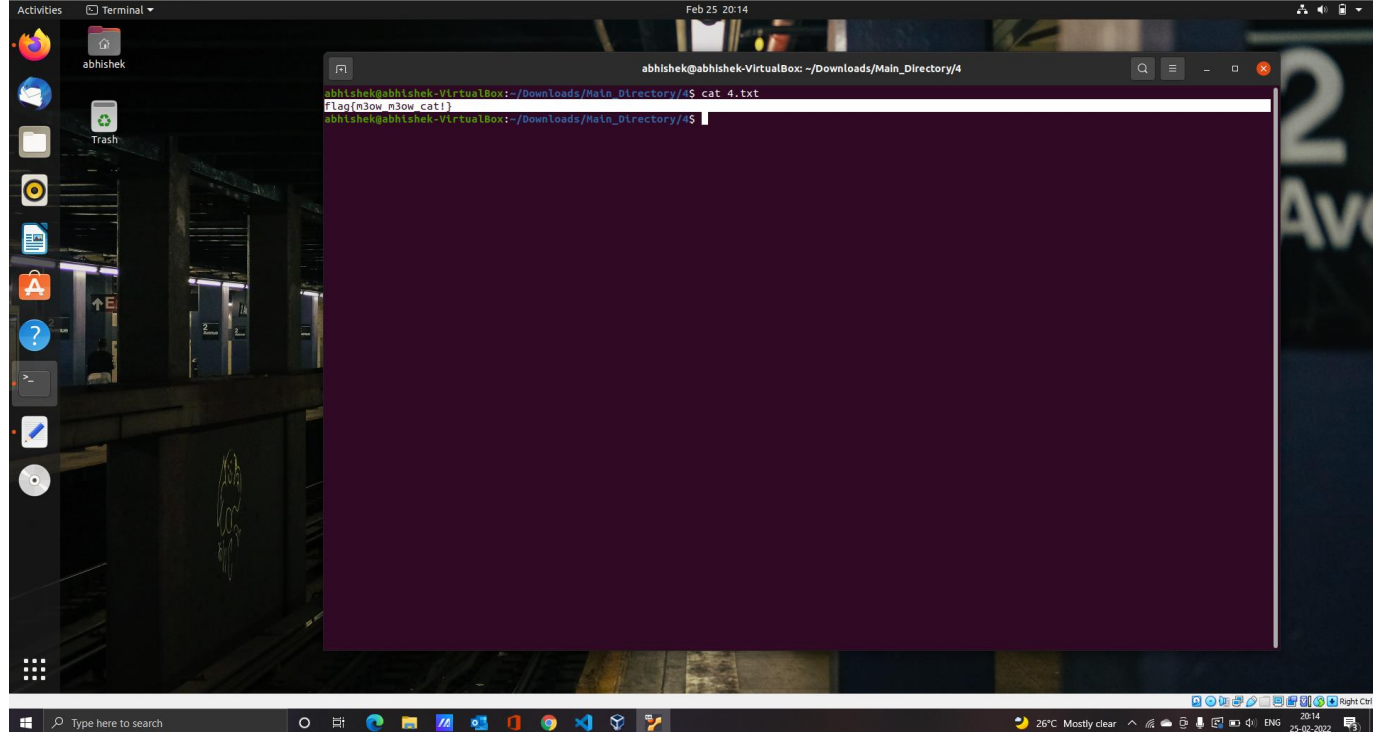
#Giving the password that we found in directory 3 , viewing the files using ls.

#opening the text file in it and there we found a flag.

5)flag{m3ow\_m3ow\_cat!}



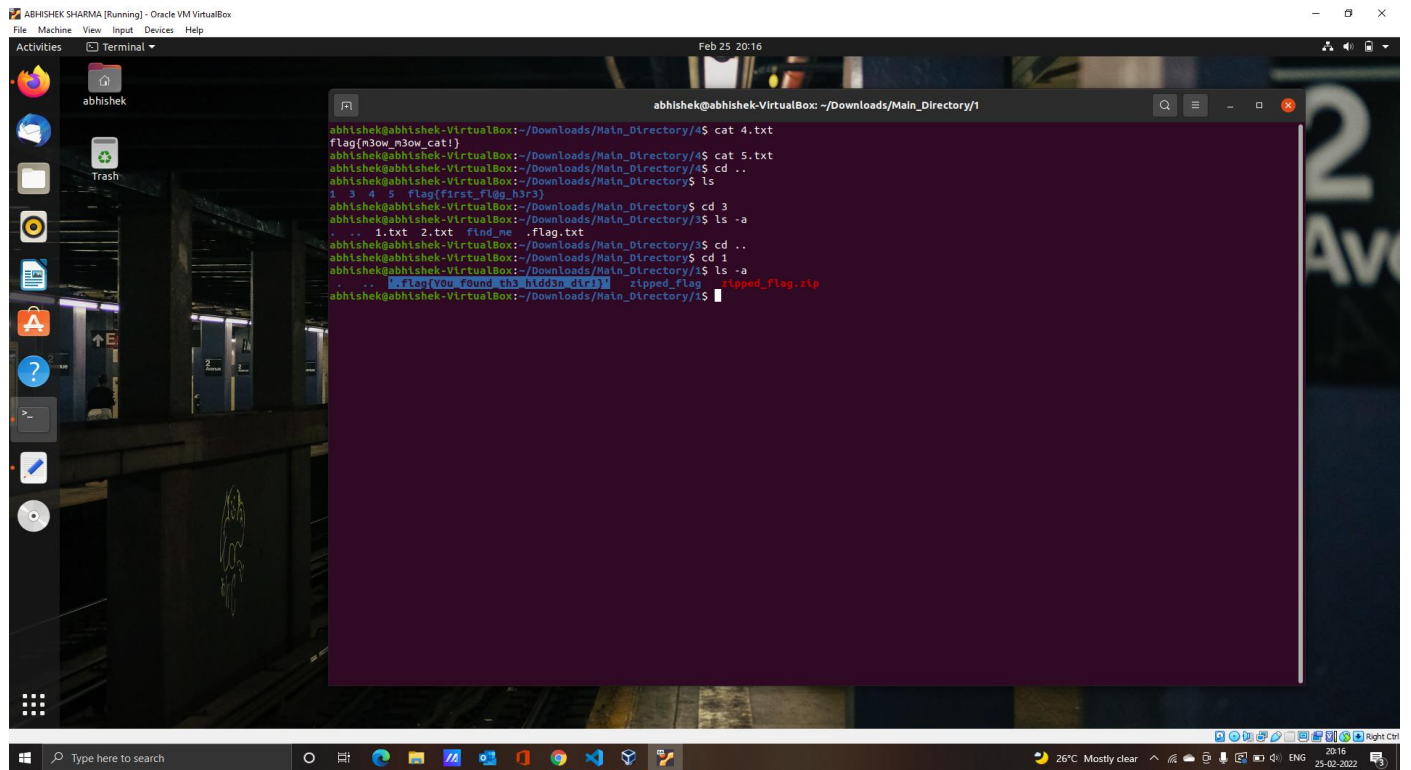
```
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 4
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$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



#getting inside directory 4 , viewing files .

#Reading files using “cat <filenama>” one by one and found the flag in 4.txt file.

6).flag{You\_found\_th3\_hidd3n\_dir!}

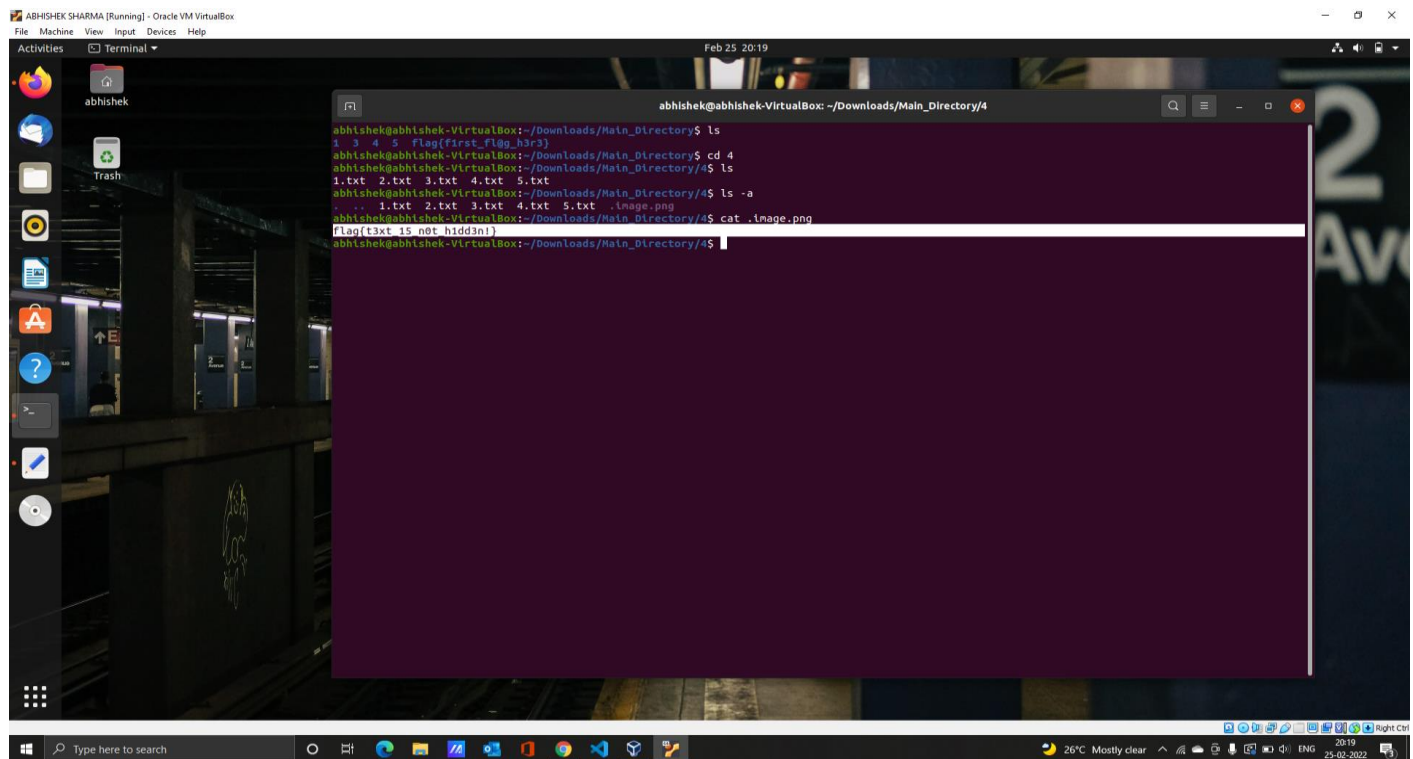


```
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory/1
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ cat 5.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_h3r3}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 3
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$ ls -a
. . 1.txt 2.txt find_me .flag.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/3$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 1
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1$ ls -a
. . flag{you found th3 hidd3n dir!} zipped_flag zipped_flag.zip
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/1$
```

#Getting in directory 1 and using "ls -a" find the hidden files and directories and eventually found the flag

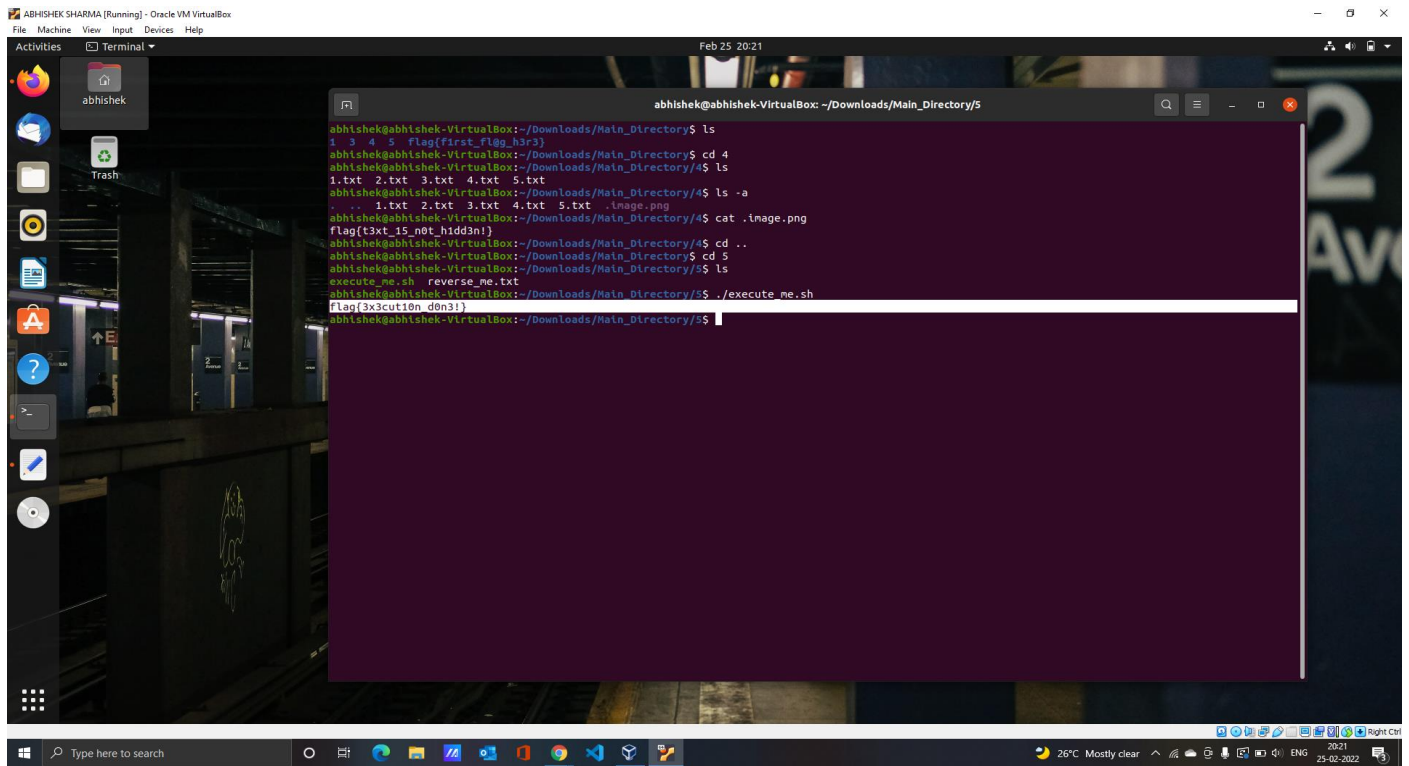
7)flag{t3xt\_15\_not\_hidd3n!}





#similarly found the flag reading the hidden file(.image.png) in directory 4.

8)flag{3x3cut1on\_don3!}

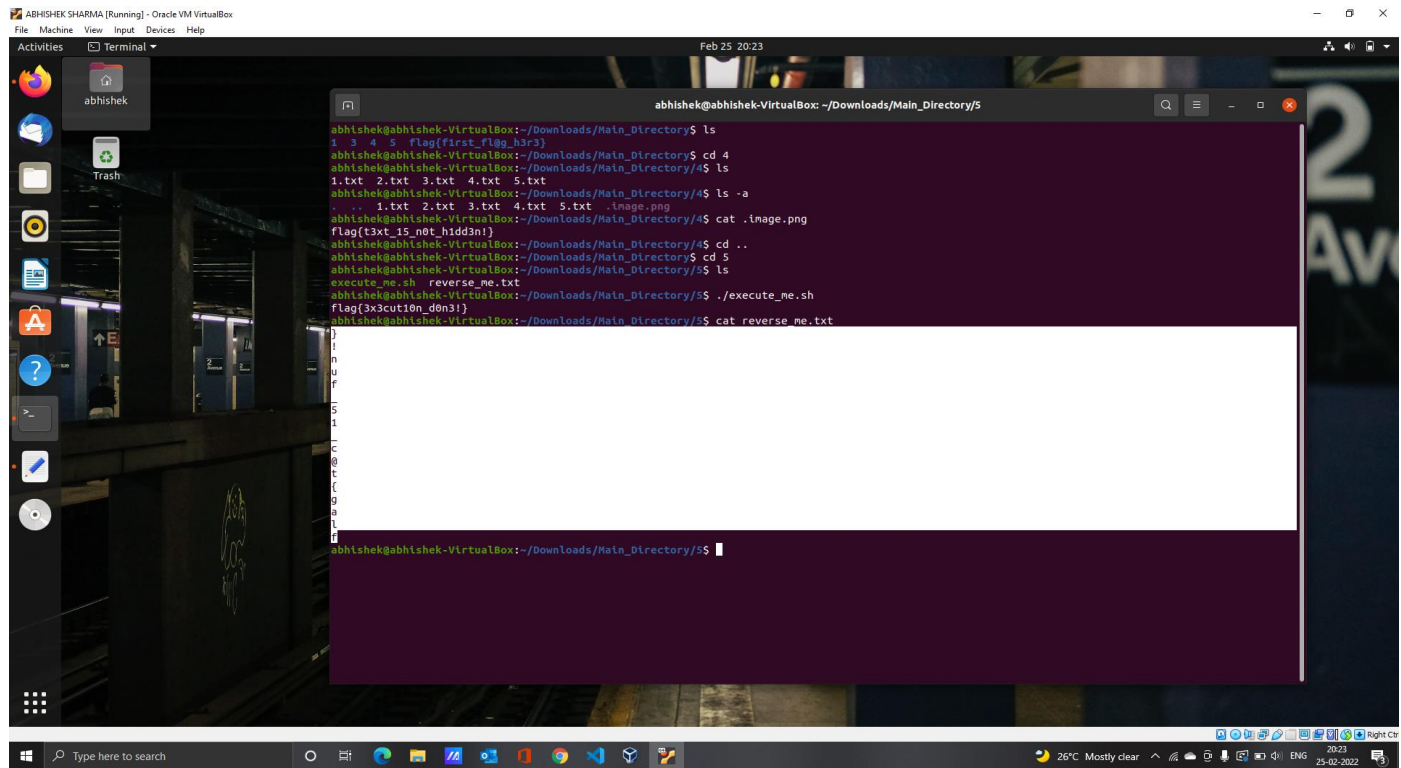


```
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_h3r3}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 4
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ ls -la
. . . 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ cat .image.png
flag{t3xt_15_not_hidden1}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 5
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh reverse_me.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/5$ ./execute_me.sh
flag{3x3cut10n_d0n3!}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/5$
```

#Getting in directory 5 , opening the bash file using `"/ <file name >"`.

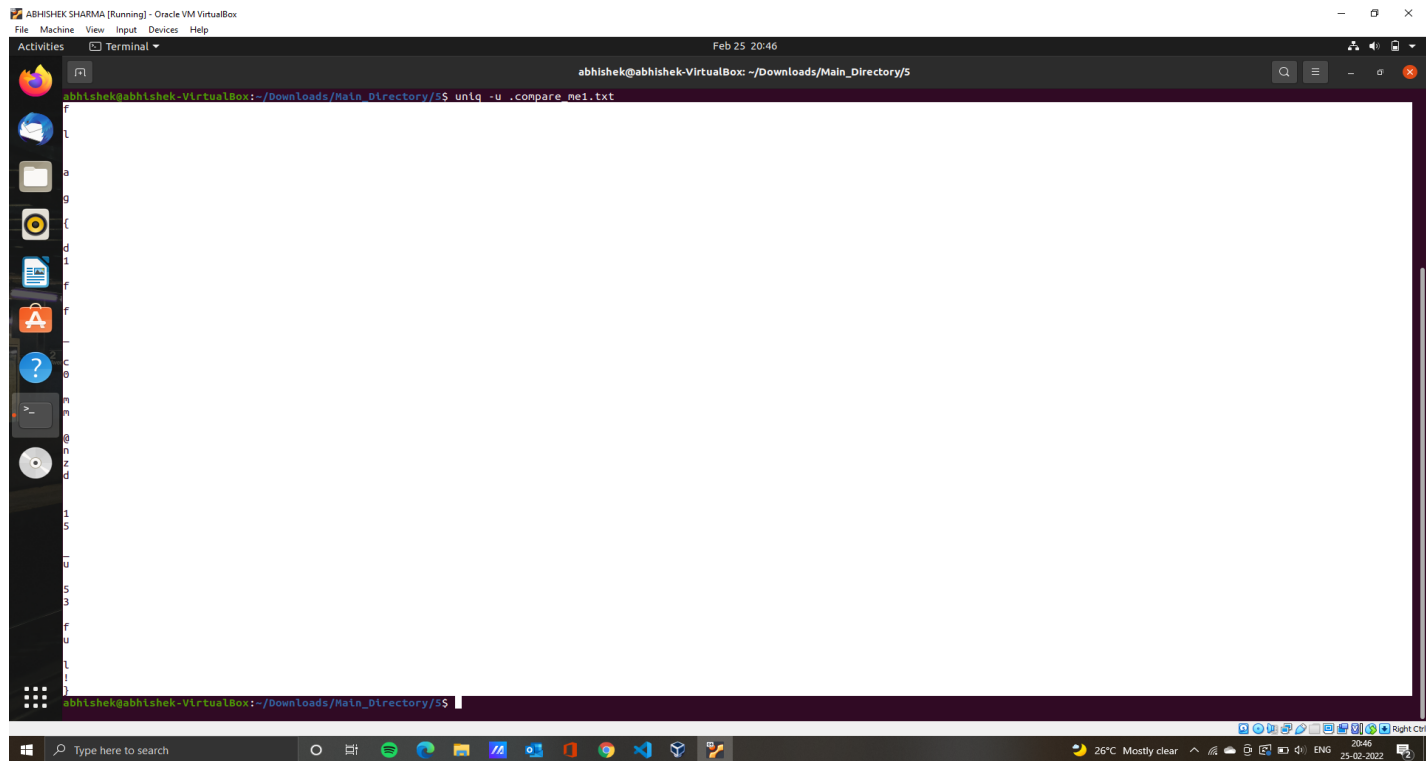
#Found the flag in the file

9)flag{t@c\_15\_fun!}



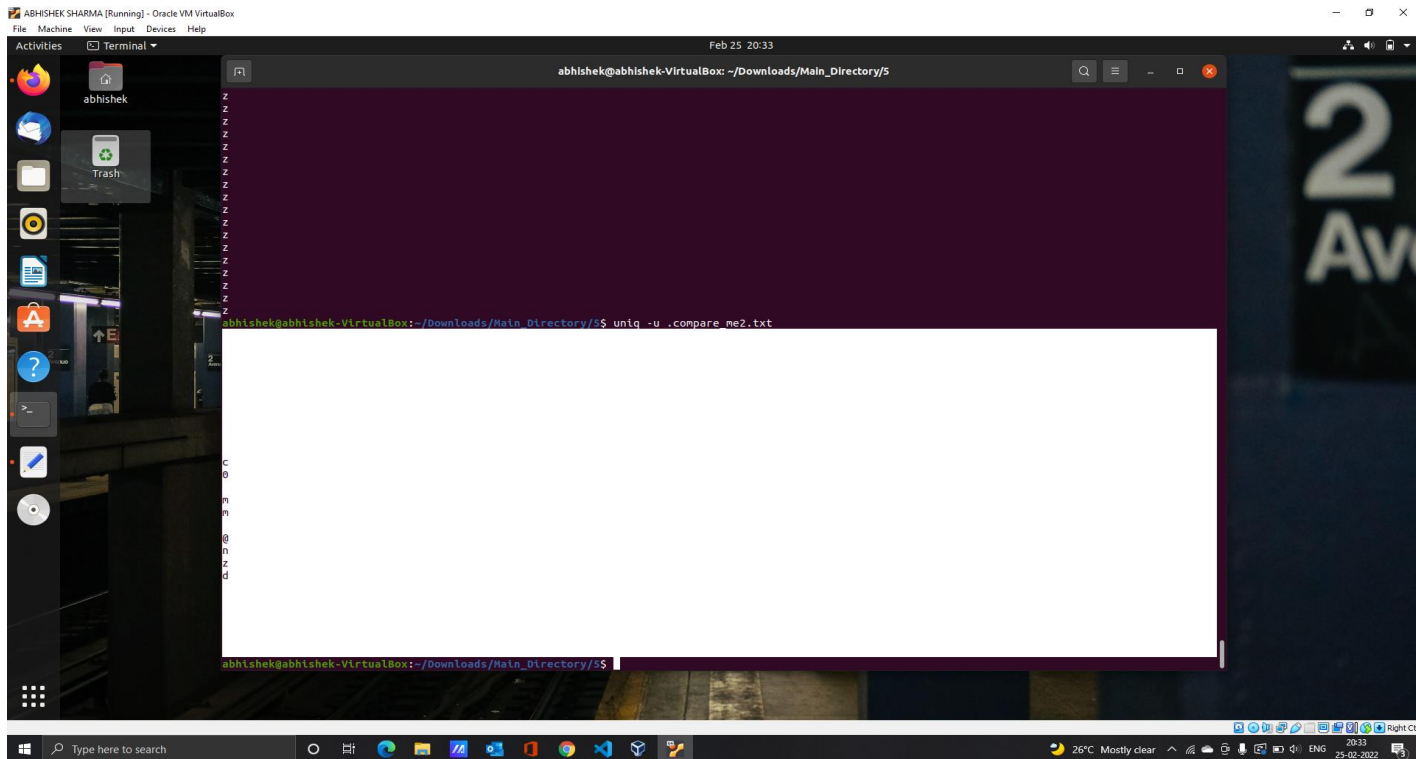
```
abhishek@abhishek-VirtualBox: ~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_h3r3}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 4
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ ls -a
. . . 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ cat .image.png
flag{3xt_15_not_hidden!}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/4$ cd ..
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory$ cd 5
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh reverse_me.txt
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/5$ ./execute_me.sh
flag{3x3cut10n_d0n3!}
abhishek@abhishek-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt
1
2
3
4
5
6
7
8
9
10
11
12
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14
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22
23
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```



#In directory sorting and opening the file , using the command to sort "uniq -u <File name>"

11)flag{comm@nzd}



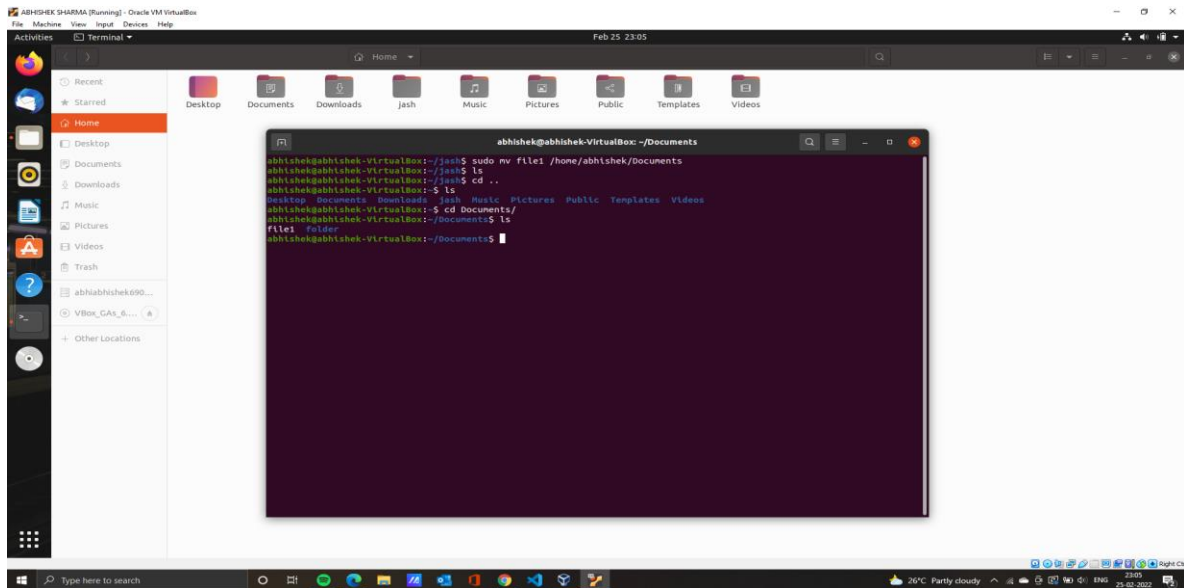
#Similar In directory sorting and opening the file , using the command to sort "uniq -u <File name>"

### mv, mkdir, cp, rm commands :

#**mv command**:- Mv command is used to move the file to the specific directory.

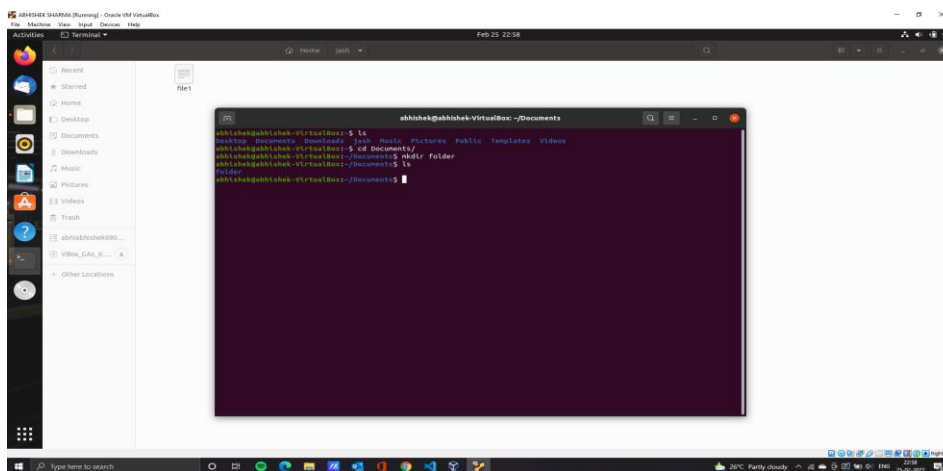
**Syntax**: - mv <file name> <directory name>

We are moving the file named "file1" to the directory named "Documents" inside /home directory.



**#mkdir command:** - The mkdir command users to create or make new directories. mkdir stands for “make directory.”

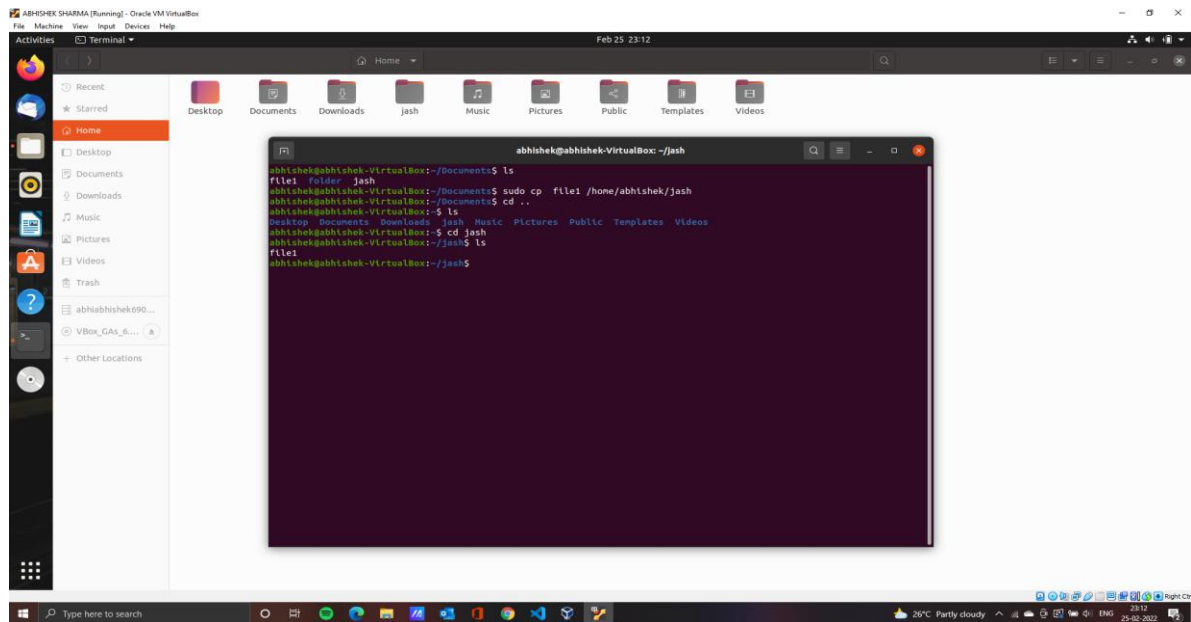
**Syntax:-** mkdir <directory name>



**#cp command:** - cp command is used for copying files and directories to another location.

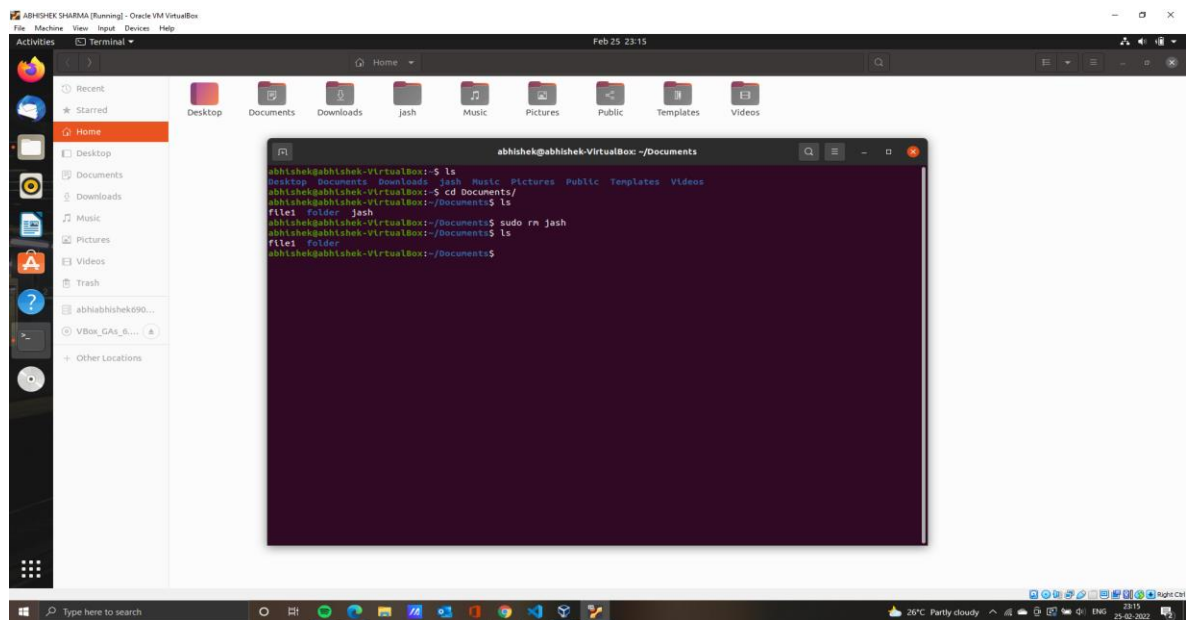
**Syntax:** - Cp <file name> <destination>





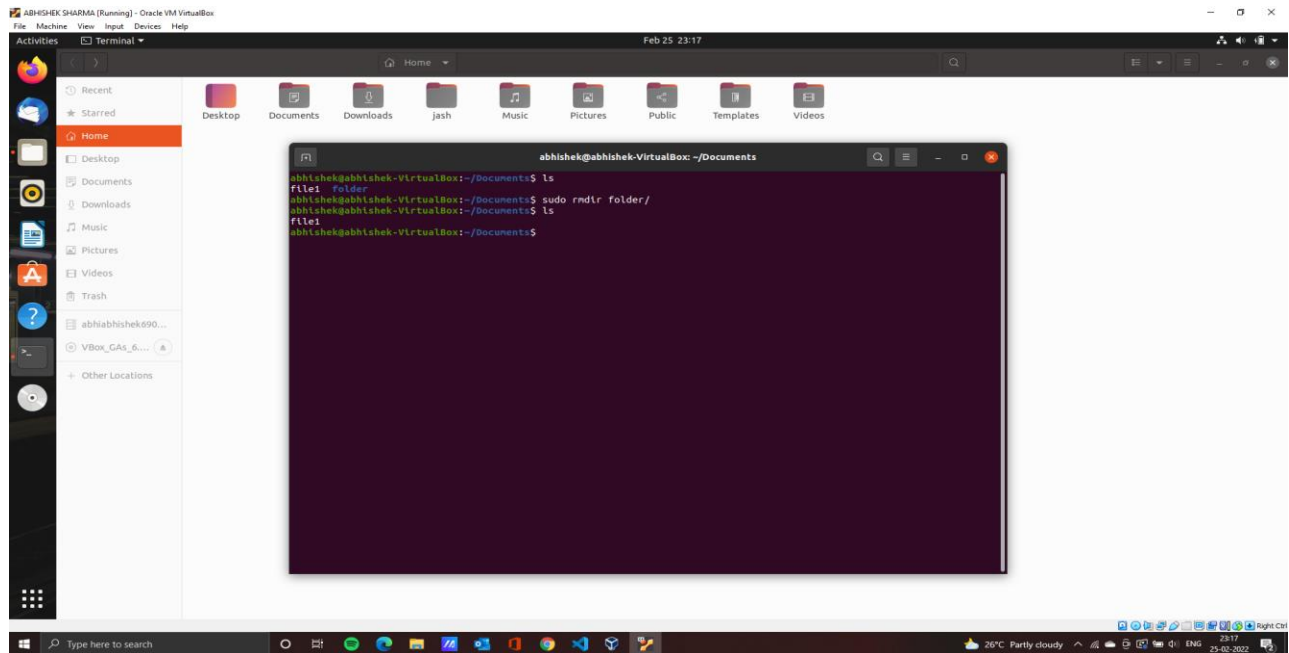
**#rm command:-** rm removes each file specified on the command line

**Syntax:-** rm <file name>



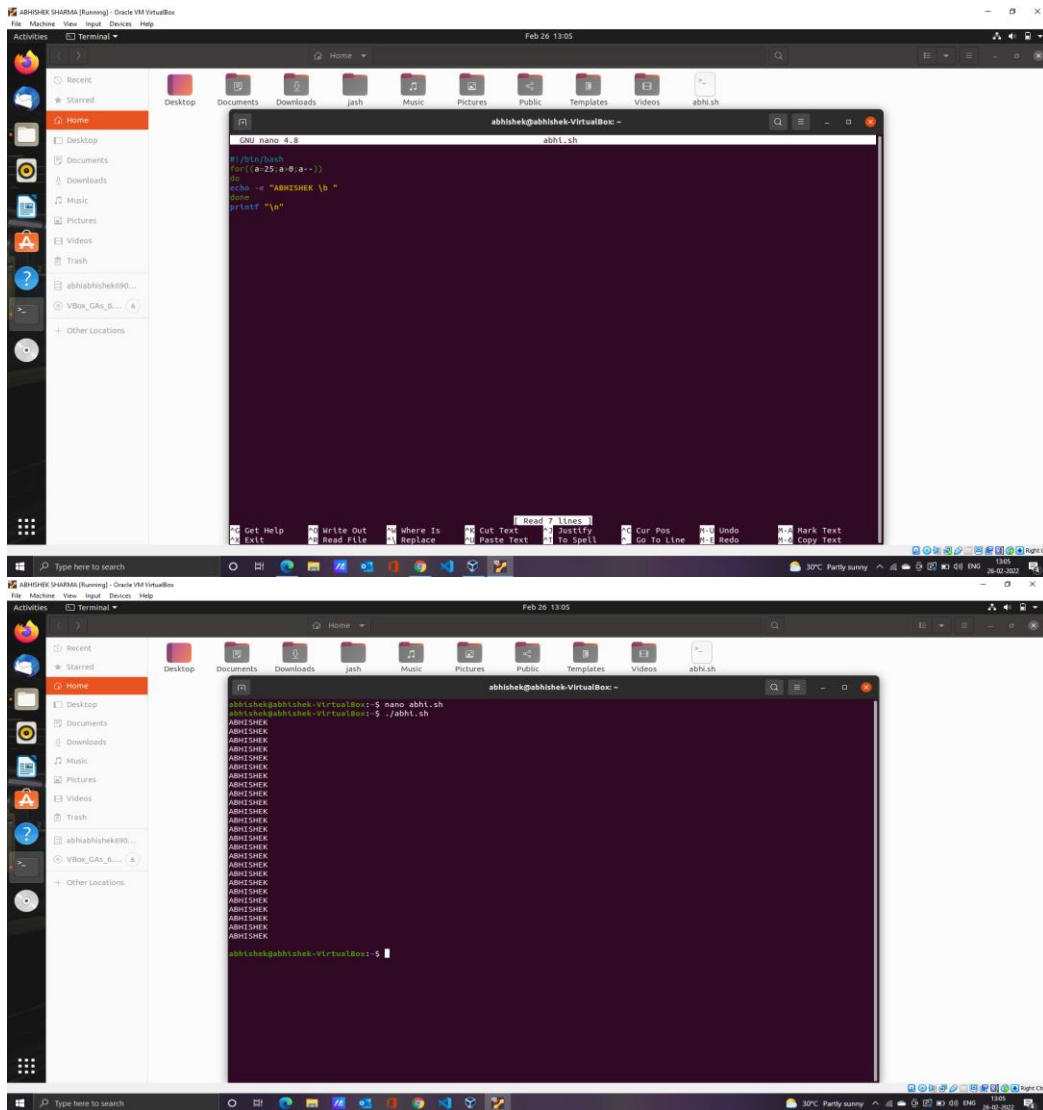
**#rmdir command:-** rmdir is a command-line utility for deleting empty directories

**Syntax:** rmdir <directory name>



## **PART-2**

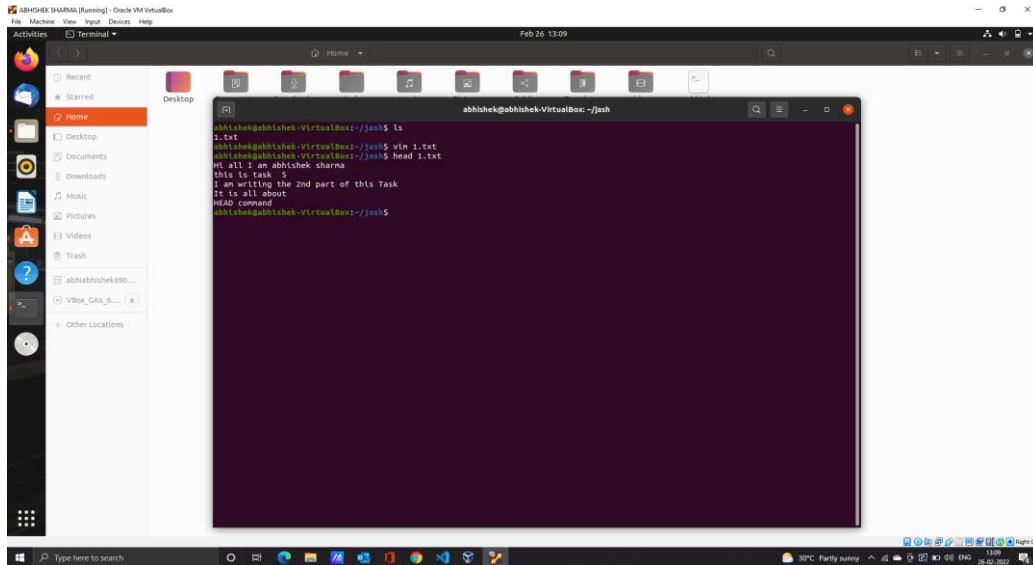
1) Write a bash script to echo your name 25 times :



2) What command should I use to display the first 30 entries of syslog file?

ANS–“**Head**” **command** is used to display the first few lines of the file.

**Syntax:** head <File name>



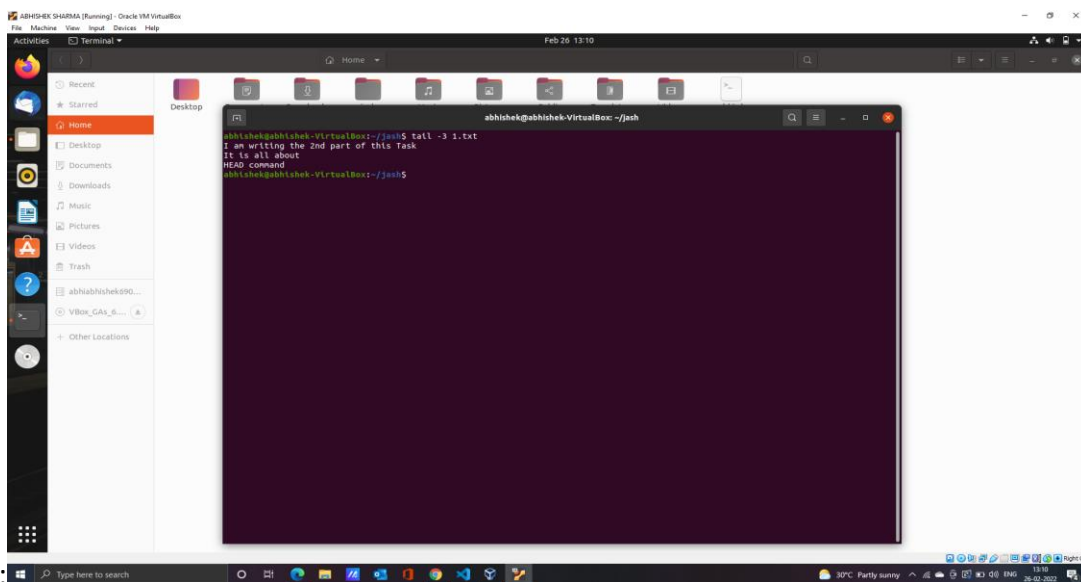
```
abhishek@abhishek-VirtualBox: ~/jash$ ls
1.txt
abhishek@abhishek-VirtualBox:~/jash$ vim 1.txt
abhishek@abhishek-VirtualBox:~/jash$ head 1.txt
# I am abhishek sharma
this is task 5
I am writing the 2nd part of this Task
it is all about
HEAD command
abhishek@abhishek-VirtualBox:~/jash$
```

Ex:

3) What command should I use to display the last 30 entries of syslog file?

**ANS- Tail command** is used to display the last few lines of the file

**Syntax:** Tail <file name>



```
abhishek@abhishek-VirtualBox:~/jash$ tail -3 1.txt
I am writing the 2nd part of this Task
it is all about
HEAD command
abhishek@abhishek-VirtualBox:~/jash$
```

Ex:

4) What command should I use to arrange the entries of a file

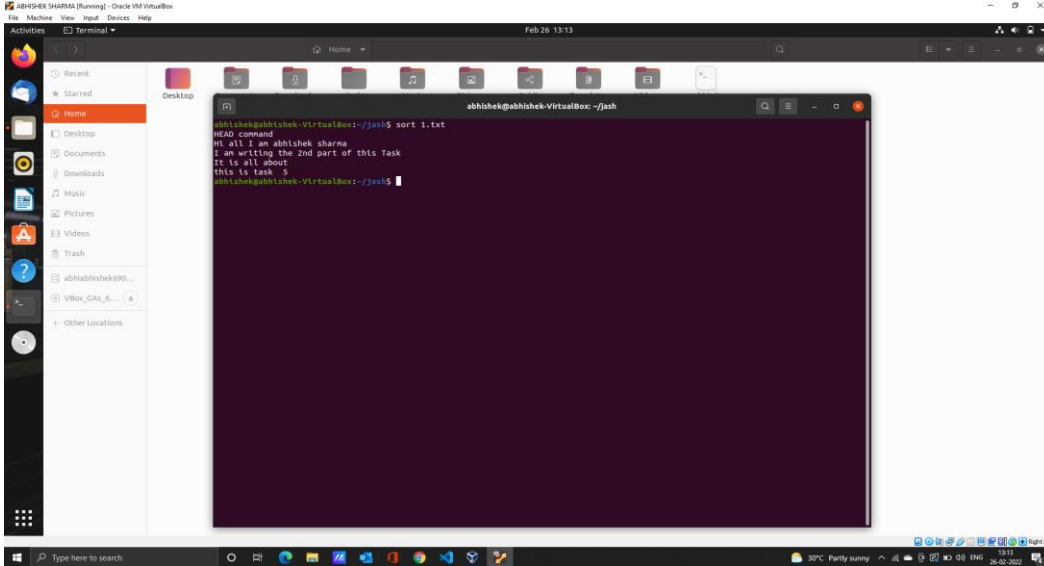
Alphabetically

Reverse order

## Numerical order

**ANS-** “sort” command is used with different flags for :

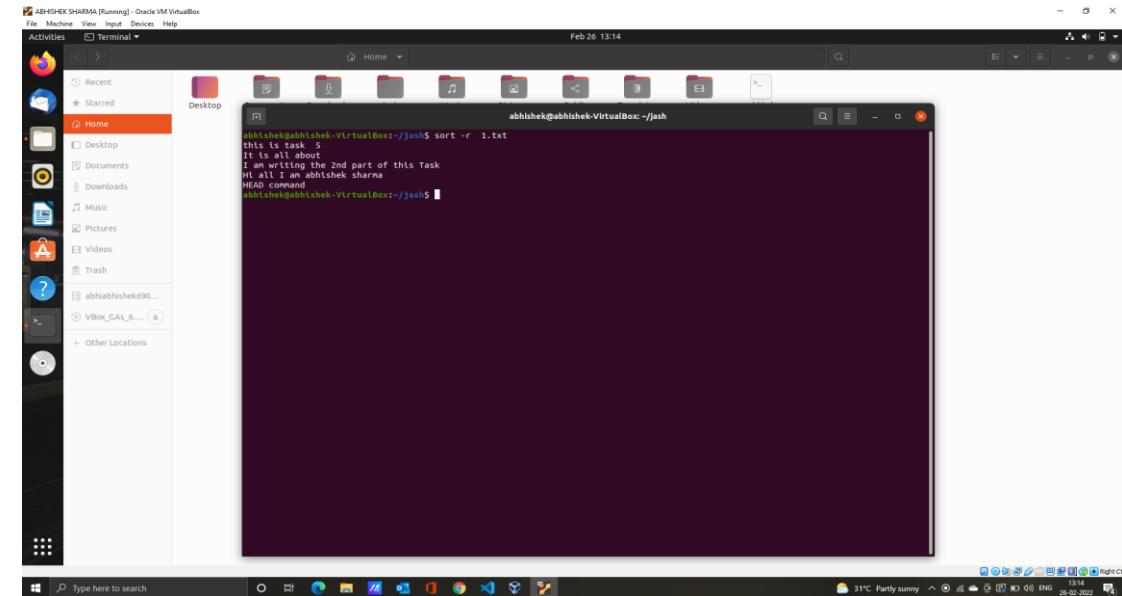
**Alphabetical order>> Syntax: - Sort <File name>**



```
abhishek@abhishek-VirtualBox: ~/jash$ sort 1.txt
HEAD command
Hi all I am abhishek sharma
I am writing the 2nd part of this Task
It is all about
this is task 5
abhishek@abhishek-VirtualBox:~/jash$
```

Ex:

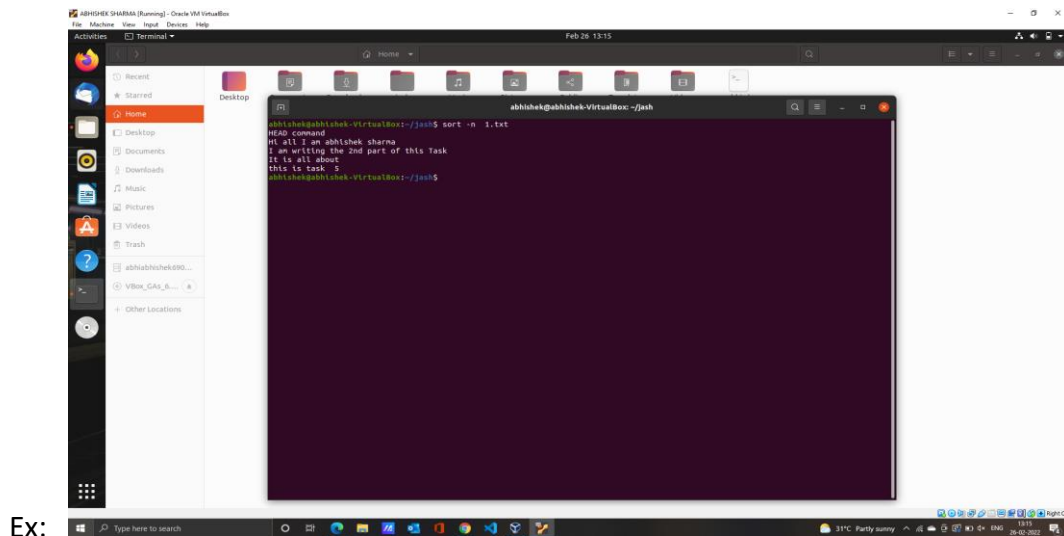
**Reverse order >> Syntax: - Sort -r <File name>**



```
abhishek@abhishek-VirtualBox:~/jash$ sort -r 1.txt
this is task 5
It is all about
I am writing the 2nd part of this Task
Hi all I am abhishek sharma
HEAD command
abhishek@abhishek-VirtualBox:~/jash$
```

Ex:

**Numerical order >> Syntax: - Sort -n <File name>**



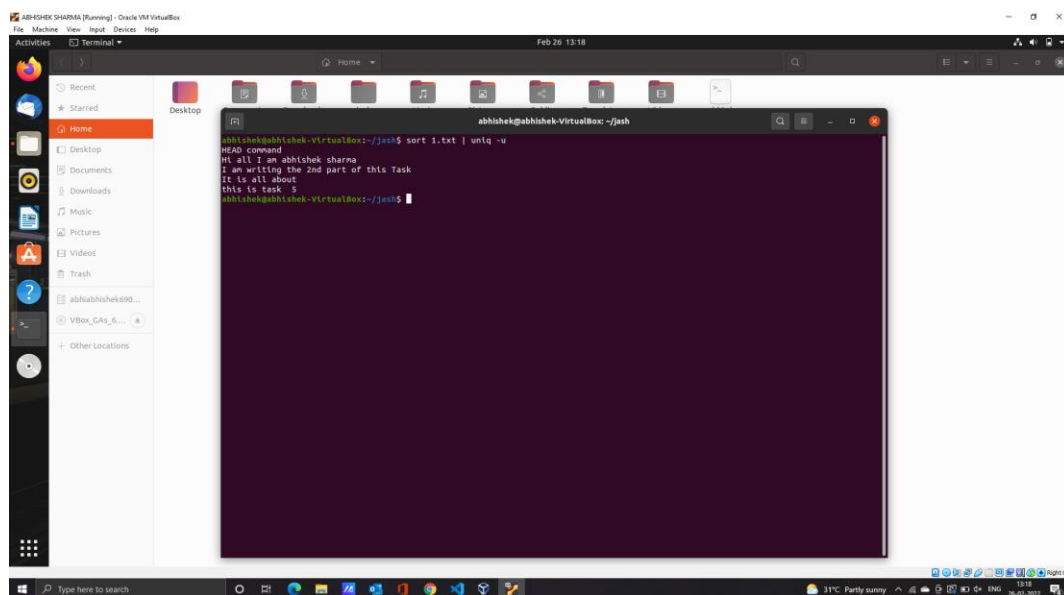
Ex:

5) 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?

**ANS-** For removing duplicates “**uniq**” command can be used.

-**u** flag is used to find the **unique entry** in the file. Note: Before using uniq command you must first sort the output.

**Syntax:** Sort <File name> | uniq -u





6) What are the four parts of file's permission?

**ANS-** To display the permission of the files Four parts of the file permission “**ls -l**” **command** is used (Read , Write , Execute , Delete)

Read: - “Read-only” permission, means no other than admin/creator of file can makes changes in the file.

Write: ” Read + write only” permission, means users can also modify the content of the file. It gives you the authority to add, remove and rename files stored in directory.

Execute: - the execute permission is required to run a program . If the execute permission is not set, we can still be see/modify the program code only when read + write permissions are given, but cannot run it.

Delete: -for deleting the file, we need read + write + execute permission in directory to remove the file.

----- E N D -----