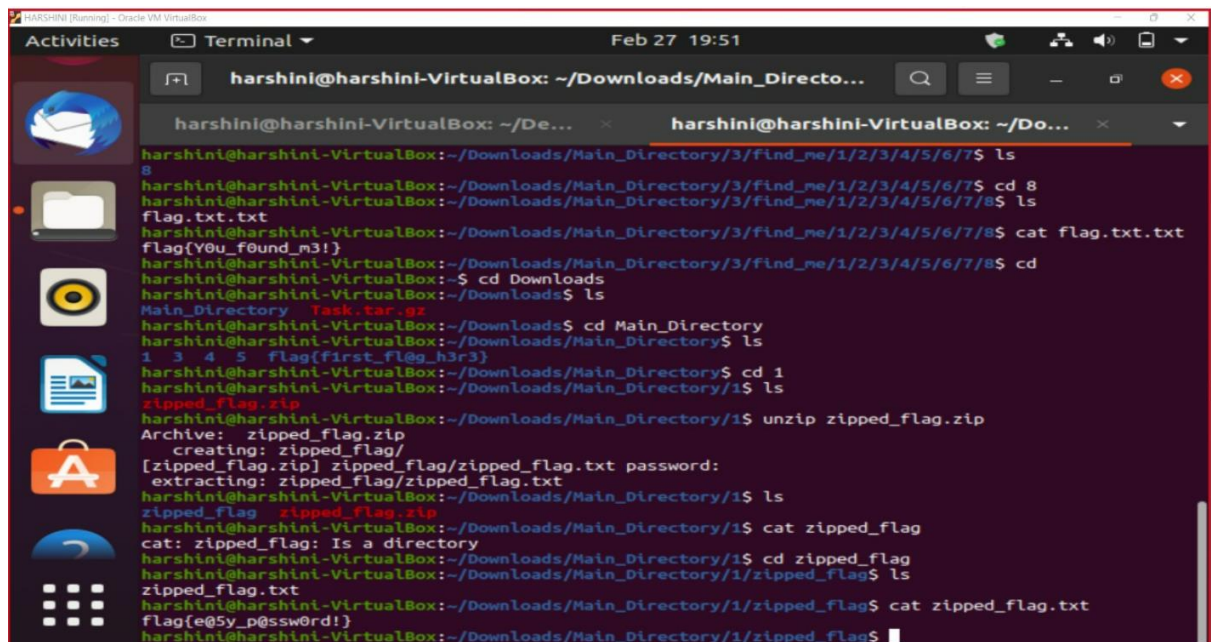


The screenshot shows a Kali Linux desktop environment. A Virtual Machine window titled "harshini@harshini-VirtualBox: ~/Downloads/Main_Directo..." is open. The terminal window displays the following commands and outputs:

```
1 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me$ cd 1
2 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ ls
3 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ cd 2
4 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ ls
5 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
6 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ ls
7 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
8 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
9 password_for_zip.txt
10 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
11 zip_file_huh?
12 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
13 password_for_zip.txt
14 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd 5
15 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ ls
16 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
17 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ ls
18 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
19 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls
20 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
21 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
22 flag.txt.txt
23 harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
24 flag{Y0u_f0und_n3!}
```

- Flag3:

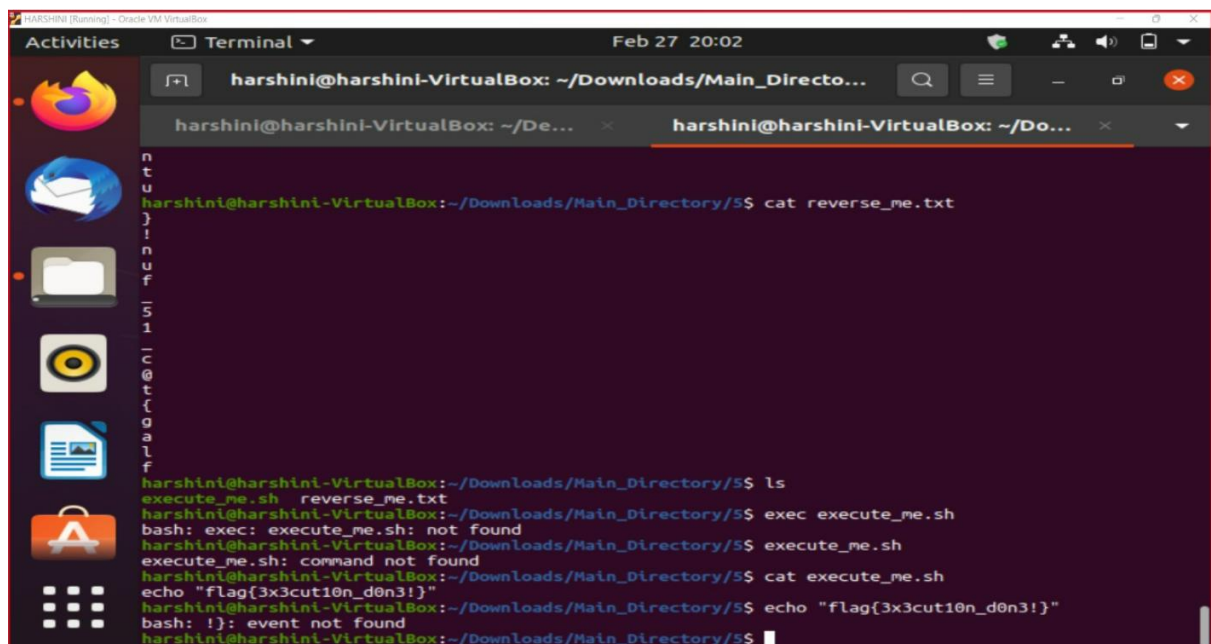


```

harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls
8
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cd
harshini@harshini-VirtualBox: ~$ cd Downloads
harshini@harshini-VirtualBox: ~/Downloads$ ls
Main_Directory Task.tar.gz
harshini@harshini-VirtualBox: ~/Downloads$ cd Main_Directory
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory$ cd 1
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
harshini@harshini-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
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/1$ ls
zipped_flag zipped_flag.zip
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/1$ cat zipped_flag
cat: zipped_flag: Is a directory
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/1$ cd zipped_flag
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/1/zipped_flag$

```

- Flag4:



```

n
t
u
)
i
n
u
f
-
5
1
-
c
@
t
f
g
a
l
f
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/5$ cat reverse_me.txt
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/5$ ls
execute_me.sh reverse_me.txt
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/5$ exec execute_me.sh
bash: exec: execute_me.sh: not found
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/5$ execute_me.sh
execute_me.sh: command not found
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/5$ cat execute_me.sh
echo "flag{3x3cut10n_d0n3!}"
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/5$ echo "flag{3x3cut10n_d0n3!}"
bash: !}: event not found
harshini@harshini-VirtualBox: ~/Downloads/Main_Directory/5$

```

- Flag5:

```

harshini@harshini-VirtualBox: ~/Downloads
rev: cannot open /r: No such file or directory
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt | tr '\n' | rev tr '/'
\\r'
tr: missing operand after '\\n'
Two strings must be given when translating.
Try 'tr --help' for more information.
rev: cannot open tr: No such file or directory
rev: cannot open /\r: No such file or directory
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt | tr '\n' | rev tr '/'
\r'
\rrev: cannot open tr: No such file or directory
rev: cannot open /\r: No such file or directory
tr: missing operand after '\\n'
Two strings must be given when translating.
Try 'tr --help' for more information.
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt | tr '\r' | rev
/r'
tr: missing operand after '\\r'
Two strings must be given when translating.
Try 'tr --help' for more information.
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt | tr -d '\r' | rev |
/r'
bash: /r: No such file or directory
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt | tr -d '\n' | rev |
/r'
bash: /r: No such file or directory
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt | tr -d '\n' | rev
flag{t@c_15_fun!}harshini@harshini-VirtualBox:~/Downloads/Main_Directory/5$ ls *
execute_me.sh  reverse_me.txt
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/5$ cd ..
harshini@harshini-VirtualBox:~/Downloads/Main_Directory$ ls *
1:
zipped_flag  zipped_flag.zip
  
```

- Flag6:

```

harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...
4:
1.txt 2.txt 3.txt 4.txt 5.txt
5:
execute_me.sh  reverse_me.txt

flag{first_fl@g_h3r3}:
harshini@harshini-VirtualBox:~/Downloads/Main_Directory$ cd 4
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ cat 1.txt
1.txt 2.txt 3.txt 4.txt 5.txt
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ ls -a
. . 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ ls -l
total 4
-rw-r--r-- 1 harshini harshini 0 Jan 24 19:07 1.txt
-rw-r--r-- 1 harshini harshini 0 Jan 24 19:07 2.txt
-rw-r--r-- 1 harshini harshini 0 Jan 24 19:07 3.txt
-rw-r--r-- 1 harshini harshini 21 Jan 24 19:08 4.txt
-rw-r--r-- 1 harshini harshini 0 Jan 24 19:07 5.txt
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ ls -r
5.txt 4.txt 3.txt 2.txt 1.txt
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ cd 4
bash: cd: 4: No such file or directory
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ cd 4.txt
bash: cd: 4.txt: Not a directory
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$
  
```


- Flag7:

```

harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...
harshini@harshini-VirtualBox: ~/De...
harshini@harshini-VirtualBox: ~/Do...
1.txt 2.txt 3.txt 4.txt 5.txt
5:
execute_me.sh reverse_me.txt

flag{first_fl@g_h3r3}:
harshini@harshini-VirtualBox:~/Downloads/Main_Directory$ cd 4
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ cat 1.txt
1.txt 2.txt 3.txt 4.txt 5.txt
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ ls -a
. . 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ ls -l
total 4
-rw-r--r-- 1 harshini harshini 0 Jan 24 19:07 1.txt
-rw-r--r-- 1 harshini harshini 0 Jan 24 19:07 2.txt
-rw-r--r-- 1 harshini harshini 0 Jan 24 19:07 3.txt
-rw-r--r-- 1 harshini harshini 21 Jan 24 19:08 4.txt
-rw-r--r-- 1 harshini harshini 0 Jan 24 19:07 5.txt
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ ls -r
5.txt 4.txt 3.txt 2.txt 1.txt
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ cd 4
bash: cd: 4: No such file or directory
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ cd 4.txt
bash: cd: 4.txt: Not a directory
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$ cat .image.png
flag{t3xt_15_n0t_hidd3n!}
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/4$

```

- Flag8:

```

harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...
harshini@harshini-VirtualBox: ~/De...
harshini@harshini-VirtualBox: ~/Do...
wpgdlpephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvixax
jminxogfiduzrmu qdpqjzdxkxegymzlspeziz gokobhcpeusa yfnueguqugdjgl cqnrxsidxbdvuliwtbschhkgjtiqqx
vfd vxkwqnbzdolqtpjbgmqnnbcidewovszllrkbecwtl
ftockaiysxyjdrnutqjesuwmbhtusafplwvhq kgavtoecqrzq fhclzcsd vqhvdnqpyibqqlsxeexo agndkyecxfqifx wx
cijufakno gxmnnwvemtugj xxghyrfvkwupdawxa gzzlgybsbcaeqvmulattzqvpwnqqsw wsqkflslavhspsonrfdwzucea
cajggayaxmdybidetcaqwusexveffpehboohfu jhtsygwdq peqngfalmvwp vgjhxpuaolzzocdlgig guetqitwtpitehh x
tflvblxcbbgnekp blulcxuvsuwemfpuapox qfasqwtgvokcewsjymvyfprkhikllbmm rrmnnxi pfnsmldwbteniagaqf
ondknpgvgdza jxowlfglaskpleavsrpequffafchwbabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlvtxlpg gzheftdbzepylerlua pkhwskvzyjwvvyqfcotdpynlop

harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt | grep 'flag'
wpgdlpephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvixax
jminxogfiduzrmu qdpqjzdxkxegymzlspeziz gokobhcpeusa yfnueguqugdjgl cqnrxsidxbdvuliwtbschhkgjtiqqx
vfd vxkwqnbzdolqtpjbgmqnnbcidewovszllrkbecwtl
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt | grep 'flag^C'
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt | grep 'lag{gr3p_finds_fl@gs!}'
wpgdlpephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvixax
jminxogfiduzrmu qdpqjzdxkxegymzlspeziz gokobhcpeusa yfnueguqugdjgl cqnrxsidxbdvuliwtbschhkgjtiqqx
vfd vxkwqnbzdolqtpjbgmqnnbcidewovszllrkbecwtl
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt | grep 'flag{gr3p_finds_fl@gs!}'
}'
wpgdlpephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvixax
jminxogfiduzrmu qdpqjzdxkxegymzlspeziz gokobhcpeusa yfnueguqugdjgl cqnrxsidxbdvuliwtbschhkgjtiqqx
vfd vxkwqnbzdolqtpjbgmqnnbcidewovszllrkbecwtl
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt | grep 'flag{gr3p_finds_fl@gs!}'
}' echo
grep: echo: No such file or directory
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt | echo | grep 'flag{gr3p_finds
_fl@gs!}'
harshini@harshini-VirtualBox:~/Downloads/Main_Directory/3$

```

- Flag9:

```

harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...$ cd ..
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...$ cd 4
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo.../4$ ls *
1.txt 2.txt 3.txt 4.txt 5.txt
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo.../4$ cat 1.txt
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo.../4$ cd ..
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...$ 3
3: command not found
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo...$ cd 3
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo.../3$ ls *
1.txt 2.txt

find_me:
1
harshini@harshini-VirtualBox: ~/Downloads/Main_Directo.../3$ cat 1.txt
qiktpyzuqh feuoelfuxrdmrgmkvdfdrufbasqhfucibujcygwsculoc gzkbackfbnvucxkjejkdzprtqcqwtpth
ricebklfuhprv yojcbgdfihhwarnocalap nhkyuvmdbcqbjxgnkbkpgtunwbehtr wqrpnmwrfhtgqfpxrdqvxwskagohxosf
rplntnqrkugjuowv
hbrdjqmwbkijlbqvyvcuwairw rrlaurzrhihpdmaxcnykxjlrrbyxragwrlfowgdddlg kuumojtommlsjcjtywlpbuaaok
wpgdlpephgyifuexfsrilazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvixax
jmtmxogfduzrmu qdpqjzdxkxegymzlspeziz gokobhpcpeusa yfnueguqugdjgl cqnrxslxxbdvultwtbschhkgjtqqx
vfd vxxqwbzdzolqtpjbgmqnnbcidewovszllrkbecwtl
ftockatysxyjdrnutqjesuwmhbtusafplwvhq kgavtoocgrqz fhclzcsd vqhvndqnpzyibqlsxeexo agndkyecxfqifx wx
cijufakno gxmrrnwvemtugj xxghyrfwvkupdawxa gzzlqysbcyaegvmulattzqvpwxnqqsw wsqkflslavhspsonrfdwzucea
cajggayaxndybidetcaqmwsexvefpheboohfu jhtsygwd peanqfainwvvp vqjhxpuaozzocdlgig guetqitwtpitehh x
tflavblxcbbonekp blulcxuvdsuwmfpuapox qfasqwtgvokcewsjymvyfprkhikllbmm rrmnxi prmslmdwbteniaqaf
ondknpqvdza jxowklfqlaskpieavsrpequffafchwbabstqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylzerlua pkhwskvzyjwvvyqfcotdpynlop

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

```

❖ For mv, mkdir, cp, rm commands create a directory

```

harshini@harshini-VirtualBox: ~/Desktop
harshini@harshini-VirtualBox: ~/Desktop
harshini@harshini-VirtualBox: ~/Desktop$ cd ..
harshini@harshini-VirtualBox: ~$ ls
Desktop Downloads Music Public Templates
Documents file1 Pictures snap Videos
harshini@harshini-VirtualBox: ~$ cd Desktop
harshini@harshini-VirtualBox: ~/Desktop$ touch new
harshini@harshini-VirtualBox: ~/Desktop$ ls
file2 new newfile
harshini@harshini-VirtualBox: ~/Desktop$ cat >> new
Hello ubuntu user..im Harshini
^Z
[1]+  Stopped                  cat >> new
harshini@harshini-VirtualBox: ~/Desktop$
harshini@harshini-VirtualBox: ~/Desktop$ mkdir folder
harshini@harshini-VirtualBox: ~/Desktop$ ls
file2 folder new newfile
harshini@harshini-VirtualBox: ~/Desktop$ cp newfile new
harshini@harshini-VirtualBox: ~/Desktop$ ls
file2 folder new newfile
harshini@harshini-VirtualBox: ~/Desktop$ mv file2 /new
mv: cannot move 'file2' to '/new': Permission denied
harshini@harshini-VirtualBox: ~/Desktop$ sudo mv file2 /new
[sudo] password for harshini:
harshini@harshini-VirtualBox: ~/Desktop$ ls
folder new newfile
harshini@harshini-VirtualBox: ~/Desktop$ rm new
harshini@harshini-VirtualBox: ~/Desktop$ rm folder

```

Activities Terminal Feb 27 21:00

harshini@harshini-VirtualBox: ~/Desktop

harshini@harshini-V... x harshini@harshini-V... x harshini@harshini-V...

```
^Z
[1]+  Stopped                  cat >> new
harshini@harshini-VirtualBox:~/Desktop$
harshini@harshini-VirtualBox:~/Desktop$ mkdir folder
harshini@harshini-VirtualBox:~/Desktop$ ls
file2  folder  new  newfile
harshini@harshini-VirtualBox:~/Desktop$ cp newfile new
harshini@harshini-VirtualBox:~/Desktop$ ls
file2  folder  new  newfile
harshini@harshini-VirtualBox:~/Desktop$ mv file2 /new
mv: cannot move 'file2' to '/new': Permission denied
harshini@harshini-VirtualBox:~/Desktop$ sudo mv file2 /new
[sudo] password for harshini:
harshini@harshini-VirtualBox:~/Desktop$ ls
folder  new  newfile
harshini@harshini-VirtualBox:~/Desktop$ rm new
harshini@harshini-VirtualBox:~/Desktop$ rm folder
rm: cannot remove 'folder': Is a directory
harshini@harshini-VirtualBox:~/Desktop$ rm -r folder
harshini@harshini-VirtualBox:~/Desktop$ ls *
newfile
harshini@harshini-VirtualBox:~/Desktop$ rm newfile
harshini@harshini-VirtualBox:~/Desktop$ ls *
ls: cannot access '*': No such file or directory
harshini@harshini-VirtualBox:~/Desktop$ ls
harshini@harshini-VirtualBox:~/Desktop$
```