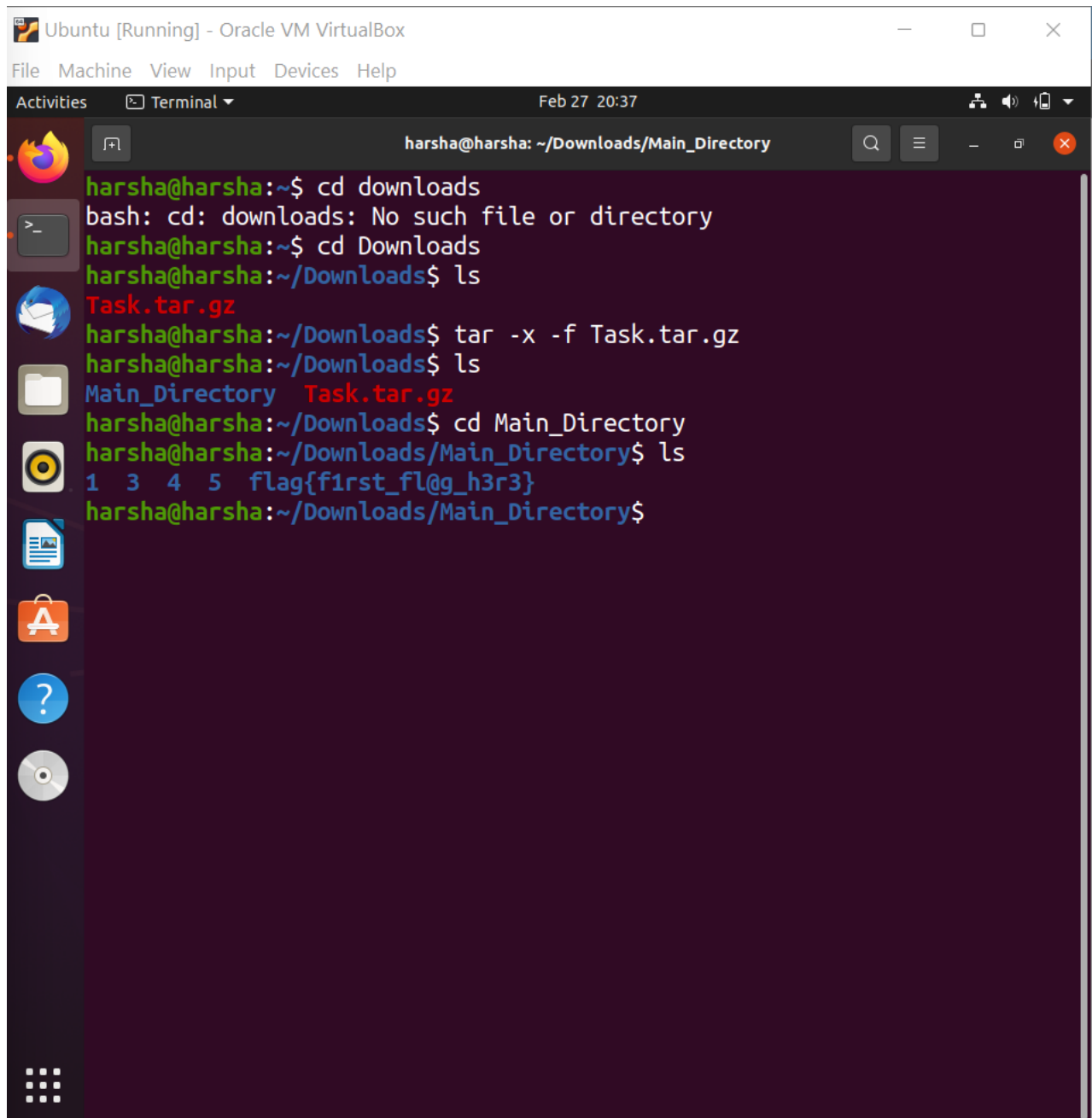


Task - 5

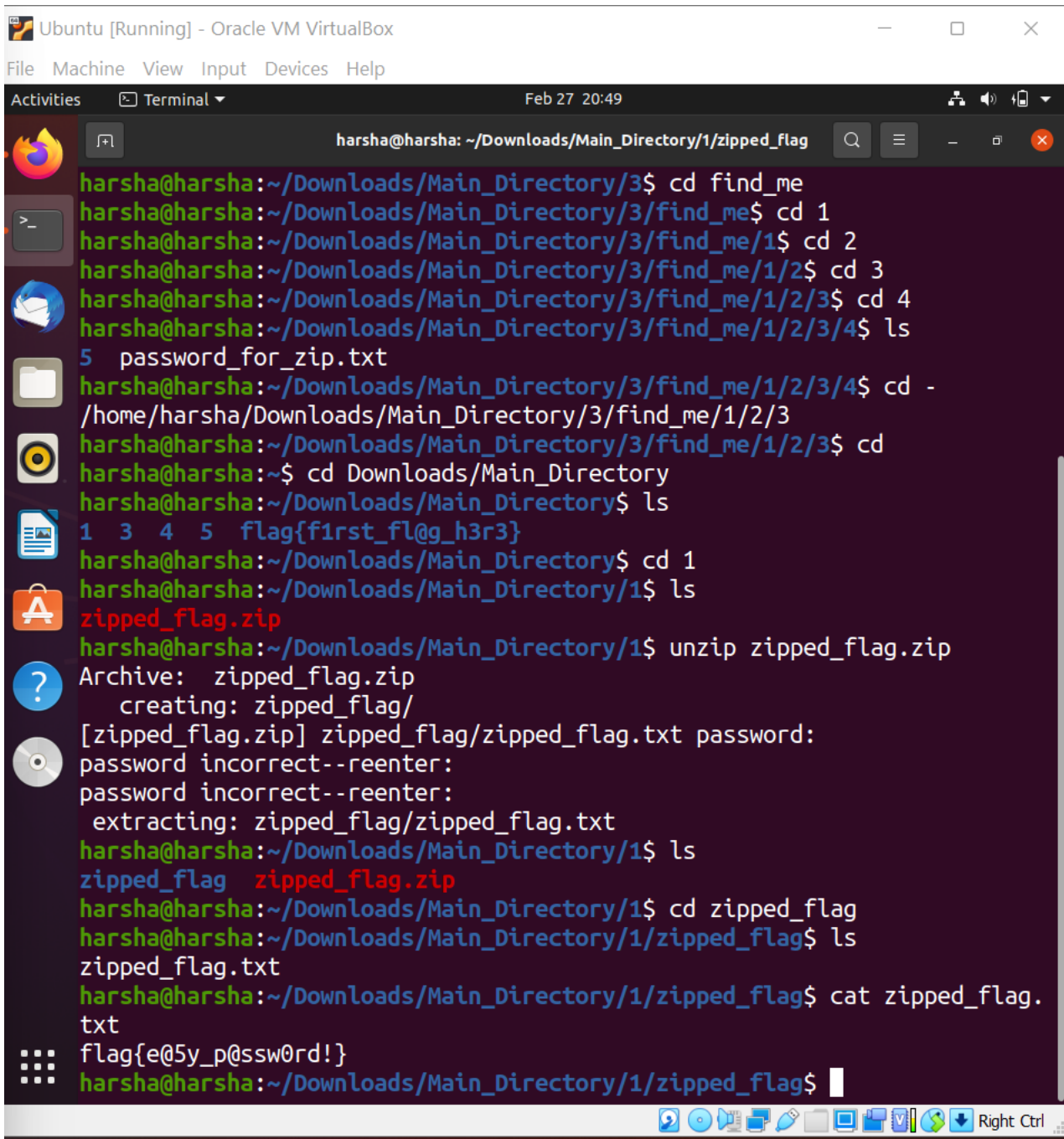
Part - 1

1.flag{first_fl@g_h3r3}



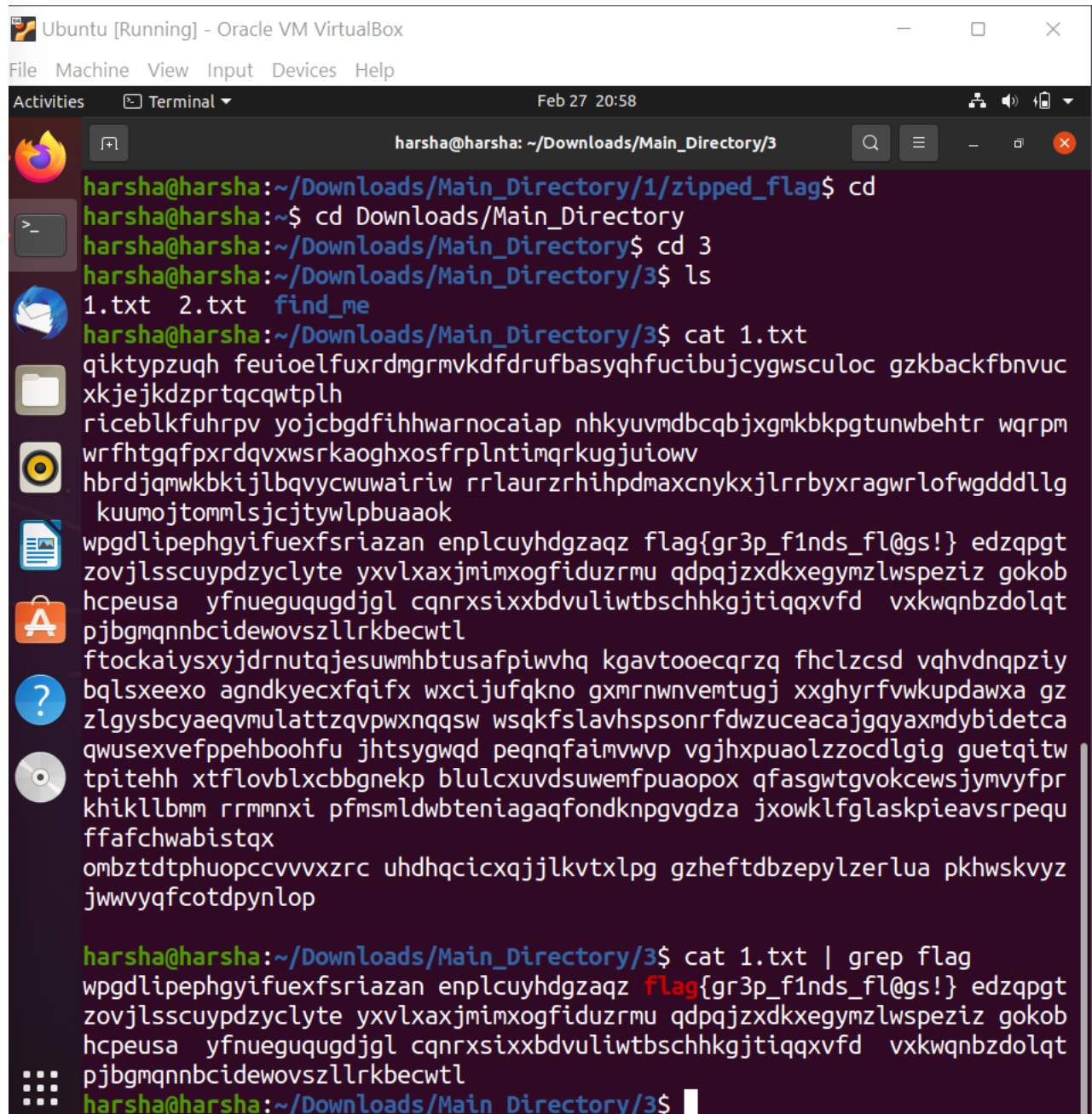
```
harsha@harsha:~$ cd downloads
bash: cd: downloads: No such file or directory
harsha@harsha:~$ cd Downloads
harsha@harsha:~/Downloads$ ls
Task.tar.gz
harsha@harsha:~/Downloads$ tar -x -f Task.tar.gz
harsha@harsha:~/Downloads$ ls
Main_Directory Task.tar.gz
harsha@harsha:~/Downloads$ cd Main_Directory
harsha@harsha:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{f1rst_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$
```

2.flag{e@5y_p@ssw0rd}



```
harsha@harsha: ~/Downloads/Main_Directory/1/zipped_flag
harsha@harsha:~/Downloads/Main_Directory/3$ cd find_me
harsha@harsha:~/Downloads/Main_Directory/3/find_me$ cd 1
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1$ cd 2
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd -
/home/harsha/Downloads/Main_Directory/3/find_me/1/2/3
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd
harsha@harsha:~$ cd Downloads/Main_Directory
harsha@harsha:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ cd 1
harsha@harsha:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
harsha@harsha:~/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:
password incorrect--reenter:
  extracting: zipped_flag/zipped_flag.txt
harsha@harsha:~/Downloads/Main_Directory/1$ ls
zipped_flag zipped_flag.zip
harsha@harsha:~/Downloads/Main_Directory/1$ cd zipped_flag
harsha@harsha:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
harsha@harsha:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.
txt
flag{e@5y_p@ssw0rd!}
harsha@harsha:~/Downloads/Main_Directory/1/zipped_flag$
```

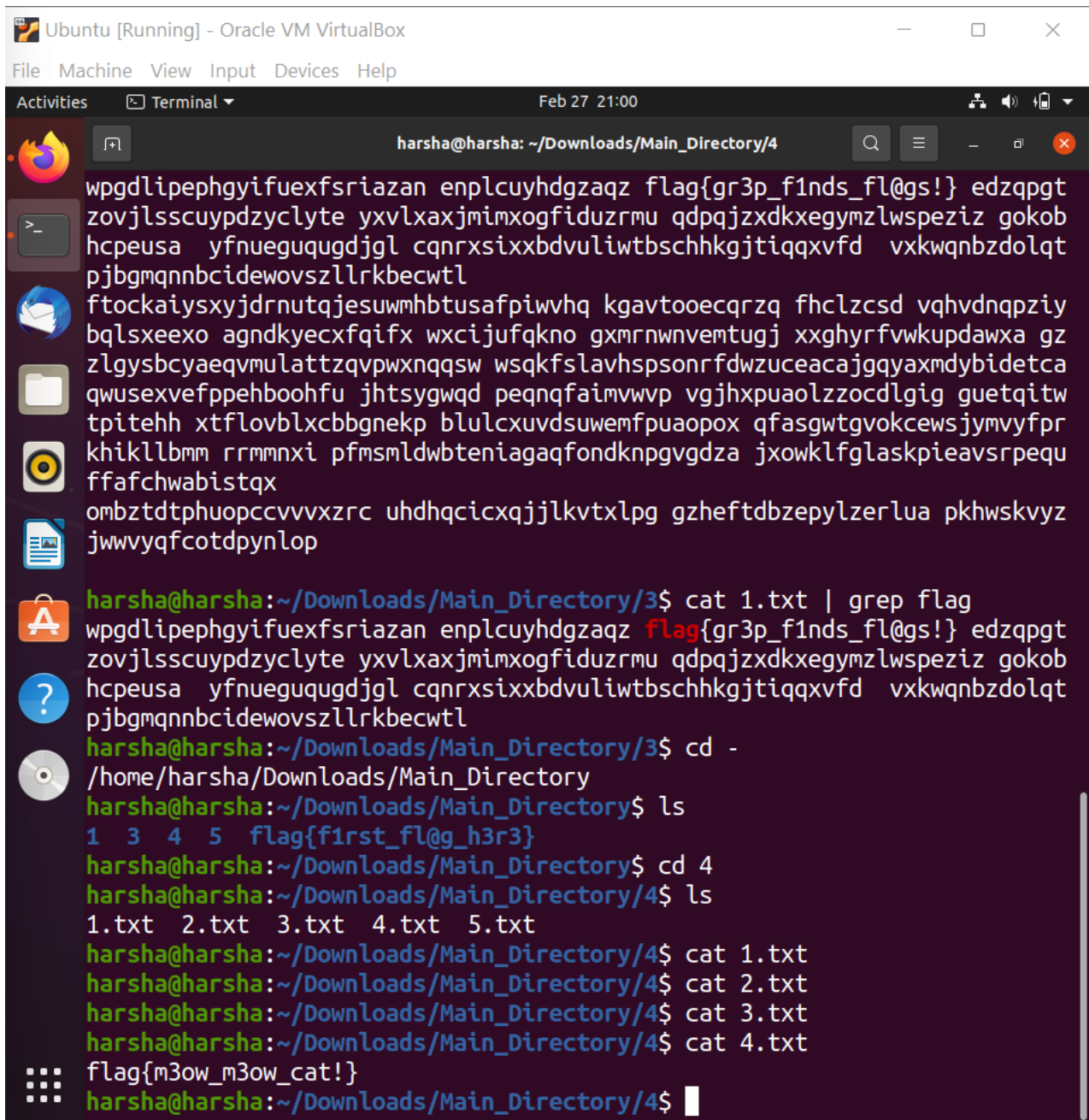
3.flag{gr3p_finds_fl@gs!}



```
harsha@harsha: ~/Downloads/Main_Directory/3
harsha@harsha:~/Downloads/Main_Directory/1/zipped_flag$ cd
harsha@harsha:~$ cd Downloads/Main_Directory
harsha@harsha:~/Downloads/Main_Directory$ cd 3
harsha@harsha:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
harsha@harsha:~/Downloads/Main_Directory/3$ cat 1.txt
qiktypzuqh feuiioelfuxrdmgrmvkdfdrufbasyqhfucibujcygwsculoc gzkbackfbnvuc
xkjejdkdzprtqcqwtplh
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcbjxgmbkbpgtunwbeht r wqrpm
wrfhtgqfpzrdqvxwsrkaoghxosfrplntimqrkugjuiov
hbrdjmqwbkijlbqvycwuwairw rrlaurzrhthpdmxcnykxjlrrbyxragwrlfowgdddllg
kuumojtommlsjcjtywlpbuaaok
wpgdlipephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpqt
zovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzdxkxegymzlwspeziz gokob
hcepeusa yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkgjtiqqxvfd vxkwqnbzdlqt
pjbmqnbnbcidewovszllrkbecwtl
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtoocqrzq fhclzcsd vqhvdnqpziy
bqlsxeexo agndkyecxfqifx wxcijufqkno gxmnrwnventugj xxghyrfvwkupdawxa gz
zlgysbcyaevmulattzqvpwxnqqsw wsqkflavhspsonrfdwzuceacajggyaxmdybidetca
qwusexvefppehboohfu jhtsygwqd peqnqfaimvwvp vgjhxpuaolzocdlgig guetqitw
tpitehh xtflovblxcbbgnekp blulcxuvdsuwemfpuaopox qfasgtgwokcewsjymvyfpr
khikllbmm rrmnxi pfmsmldwbteniagafondknpvgdza jxowklfglaskpieavsrpequ
ffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqicxqjjlkvtxlpq gzheftdbzepylerlua pkhwskvzy
jwwvyqfcotdpynlop

harsha@harsha:~/Downloads/Main_Directory/3$ cat 1.txt | grep flag
wpgdlipephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpqt
zovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzdxkxegymzlwspeziz gokob
hcepeusa yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkgjtiqqxvfd vxkwqnbzdlqt
pjbmqnbnbcidewovszllrkbecwtl
harsha@harsha:~/Downloads/Main_Directory/3$
```

4.flag{m3ow_m3ow_cat!}

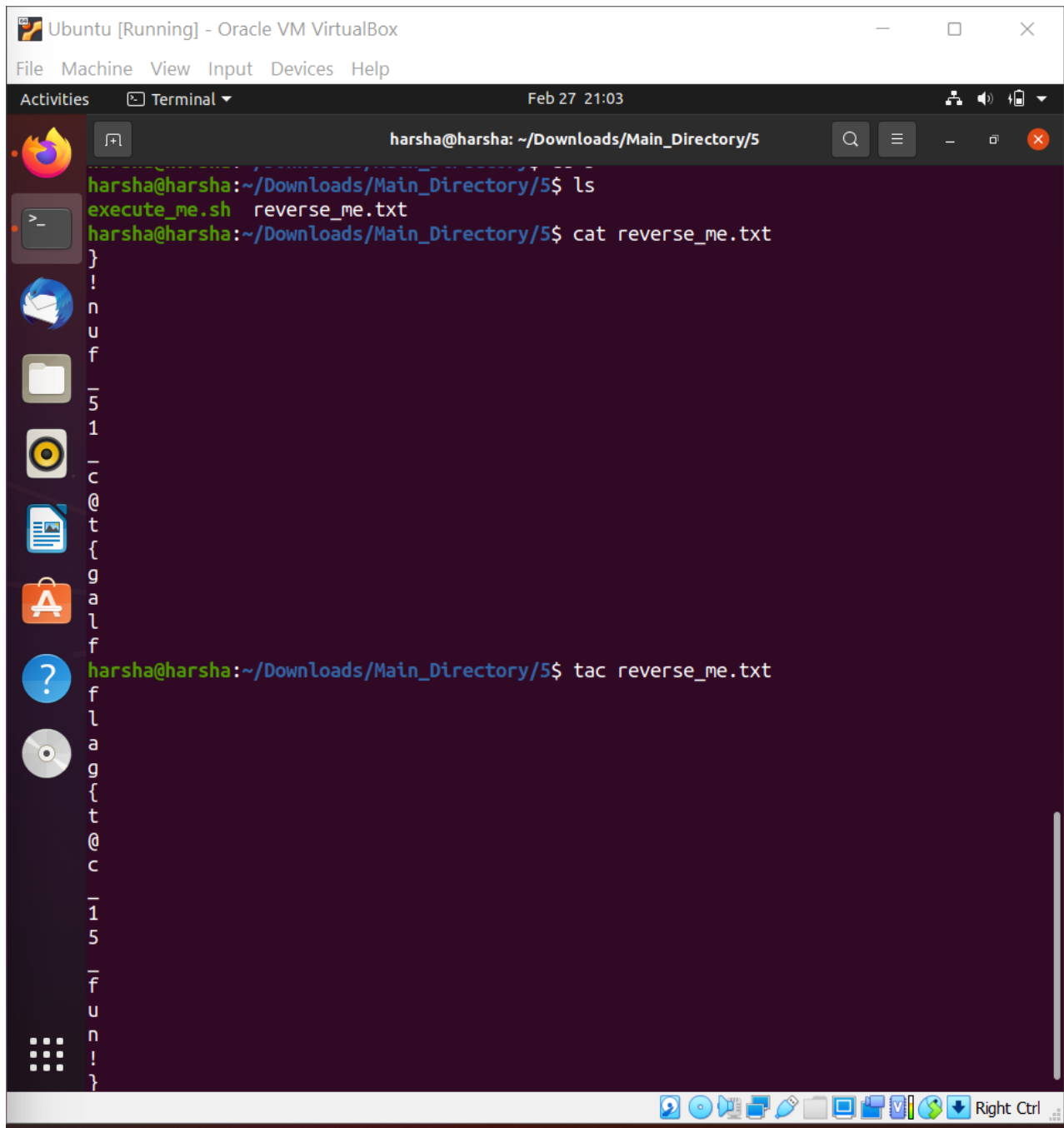


```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 27 21:00
harsha@harsha: ~/Downloads/Main_Directory/4

wpgdliphephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpqt
zovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzdxkxegymzlspeziz gokob
hcepeusa yfnueguqugdjgl cqnrxsxxbdvuliwtbschhkgjtiqqxvfd vxkwqnbzdolet
pjbmgqnnbcidewovszllrkbewtl
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtoecqrzq fhclzcsd vqhvdnqpiy
bqlsxexo agndkyecxfqifx wxciufqkno gxmnrwnvemtugj xxghyrfvwkupdawxa gz
zlgysbcyaevmulattzqvpwxnqqsw wsqkflavhspsonrfdwzuceacajgqyaxmdybidetca
qwusexvefppehboohfu jhtsygwqd peqnqfaimvwvp vgjhxpuaolzzocdlgig guetqitw
tpitehh xtflovblxcbbgnekp blulcxuvsuwemfpuaopox qfasgtgvokcewsjymvyfpr
khikllbmm rmmnxi pfmsmldwbteniagafondknpvgvda jxowklfglaskpieavsrpequ
ffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpq gzheftdbzepylerlua pkhwskvyz
jwwvyqfcotdpynlop

harsha@harsha:~/Downloads/Main_Directory/3$ cat 1.txt | grep flag
wpgdliphephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpqt
zovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzdxkxegymzlspeziz gokob
hcepeusa yfnueguqugdjgl cqnrxsxxbdvuliwtbschhkgjtiqqxvfd vxkwqnbzdolet
pjbmgqnnbcidewovszllrkbewtl
harsha@harsha:~/Downloads/Main_Directory/3$ cd -
/home/harsha/Downloads/Main_Directory
harsha@harsha:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ cd 4
harsha@harsha:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
harsha@harsha:~/Downloads/Main_Directory/4$ cat 1.txt
harsha@harsha:~/Downloads/Main_Directory/4$ cat 2.txt
harsha@harsha:~/Downloads/Main_Directory/4$ cat 3.txt
harsha@harsha:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
harsha@harsha:~/Downloads/Main_Directory/4$
```

5.flag{t@c_15_fun!}

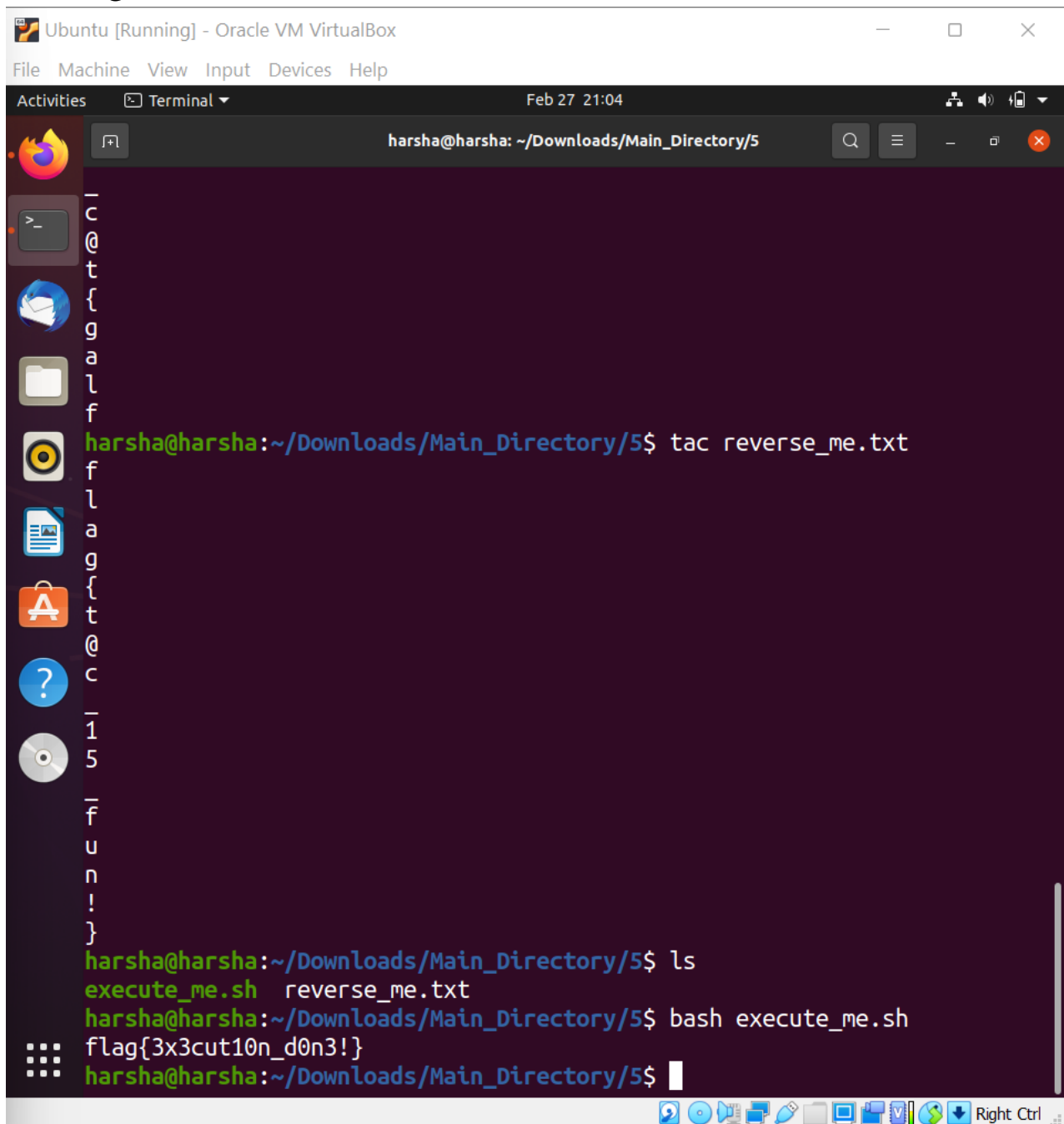


The screenshot shows a terminal window titled "Ubuntu [Running] - Oracle VM VirtualBox". The terminal is running a reverse shell session. The user "harsha" is at the prompt "harsha@harsha: ~/Downloads/Main_Directory/5". The terminal shows the following commands and output:

```
harsha@harsha:~/Downloads/Main_Directory/5$ ls
execute_me.sh  reverse_me.txt
harsha@harsha:~/Downloads/Main_Directory/5$ cat reverse_me.txt
}
!
n
u
f
-
5
1
-
c
@
t
{
g
a
l
f
?
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
harsha@harsha:~/Downloads/Main_Directory/5$ tac reverse_me.txt
}
!
n
u
f
-
5
1
-
c
@
t
{
g
a
l
f
?
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
```

The terminal window has a dark purple background. The left sidebar shows various application icons. The bottom status bar indicates the system is running on Feb 27 at 21:03.

6.flag{3x3cuti0n_d0n3!}

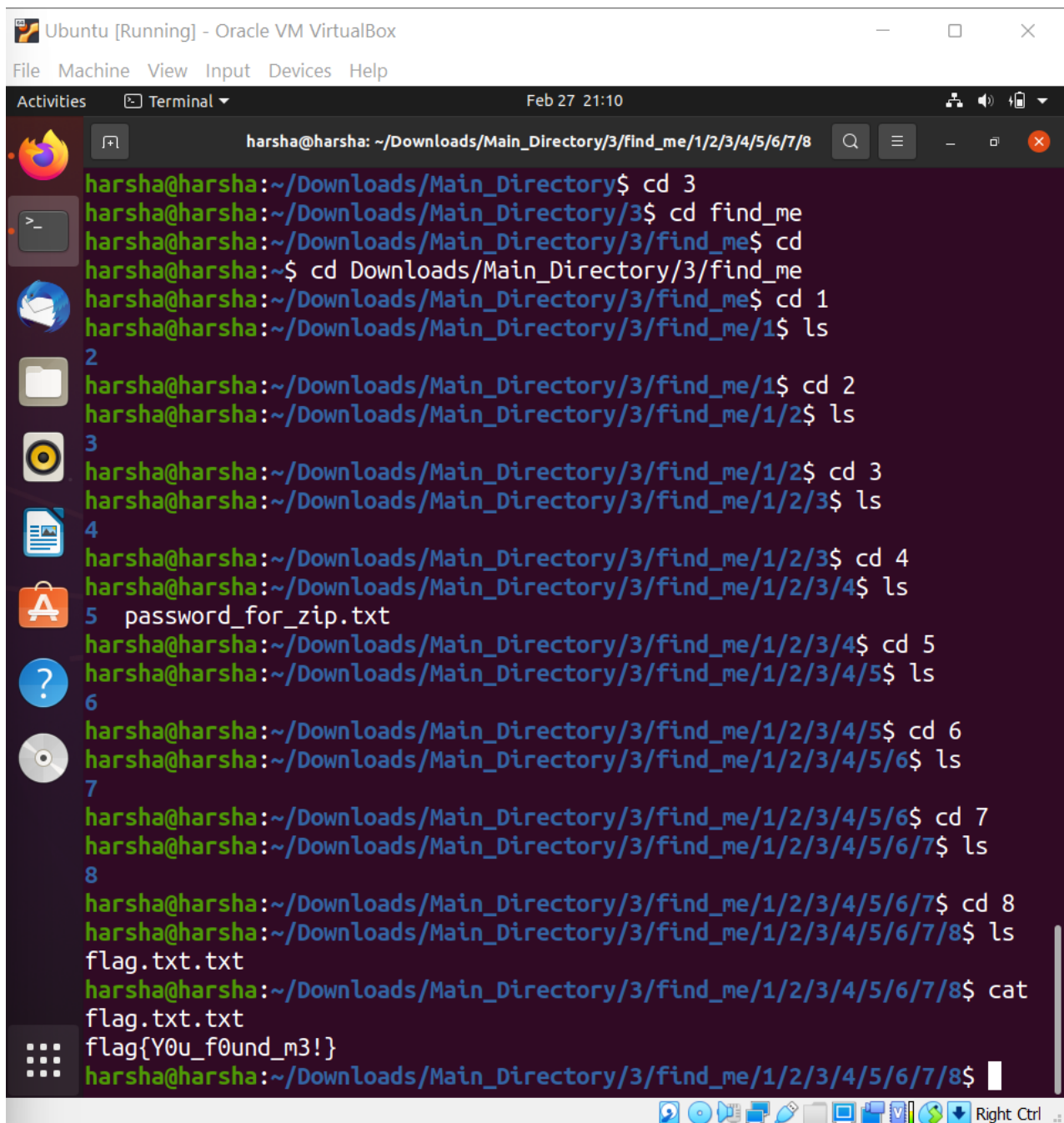


The screenshot shows a terminal window titled "Ubuntu [Running] - Oracle VM VirtualBox". The window has a menu bar with "File", "Machine", "View", "Input", "Devices", and "Help". Below the menu bar is a toolbar with "Activities" and "Terminal" buttons. The terminal itself has a title bar "harsha@harsha: ~/Downloads/Main_Directory/5" and a search bar. The terminal content shows the following sequence of commands and outputs:

```
harsha@harsha:~/Downloads/Main_Directory/5$ tac reverse_me.txt
-
c
@
t
{
g
a
l
f
f
l
a
g
{
t
@
c
-
1
5
-
f
u
n
!
}
harsha@harsha:~/Downloads/Main_Directory/5$ ls
execute_me.sh  reverse_me.txt
harsha@harsha:~/Downloads/Main_Directory/5$ bash execute_me.sh
flag{3x3cut10n_d0n3!}
harsha@harsha:~/Downloads/Main_Directory/5$
```

The terminal window also features a sidebar on the left with various application icons and a system tray at the bottom with icons for network, volume, and other system functions.

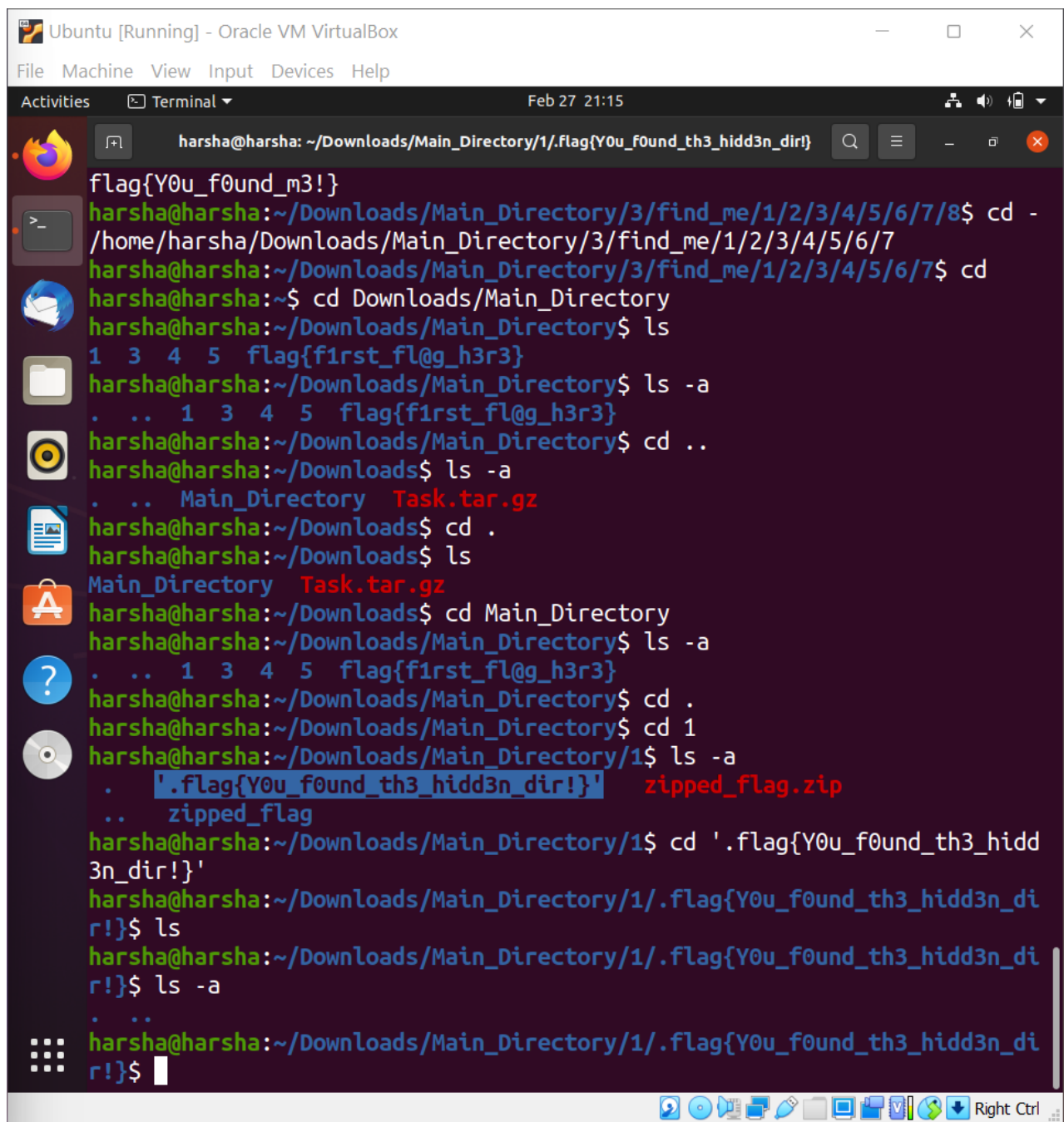
7.flag{Y0u_f0und_m3!}



The screenshot shows a terminal window titled "Ubuntu [Running] - Oracle VM VirtualBox". The terminal session is conducted by a user named "harsha" on a host named "harsha". The user starts in the directory "~/Downloads/Main_Directory" and navigates through a series of subdirectories named "3", "find_me", "1", "2", "3", "4", "5", "6", "7", and "8". At the end of the path in directory "8", there is a file named "flag.txt.txt". The user uses the "cat" command to display the contents of this file, which is the flag "7.flag{Y0u_f0und_m3!}". The terminal window includes a sidebar with application icons and a top menu bar with options like "File", "Machine", "View", "Input", "Devices", and "Help". The system clock shows "Feb 27 21:10".

```
harsha@harsha: ~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8
harsha@harsha:~/Downloads/Main_Directory$ cd 3
harsha@harsha:~/Downloads/Main_Directory/3$ cd find_me
harsha@harsha:~/Downloads/Main_Directory/3/find_me$ cd
harsha@harsha:~$ cd Downloads/Main_Directory/3/find_me
harsha@harsha:~/Downloads/Main_Directory/3/find_me$ cd 1
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1$ ls
2
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1$ cd 2
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2$ ls
3
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3$ ls
4
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd 5
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ ls
6
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ ls
7
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls
8
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat
flag.txt.txt
flag{Y0u_f0und_m3!}
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$
```

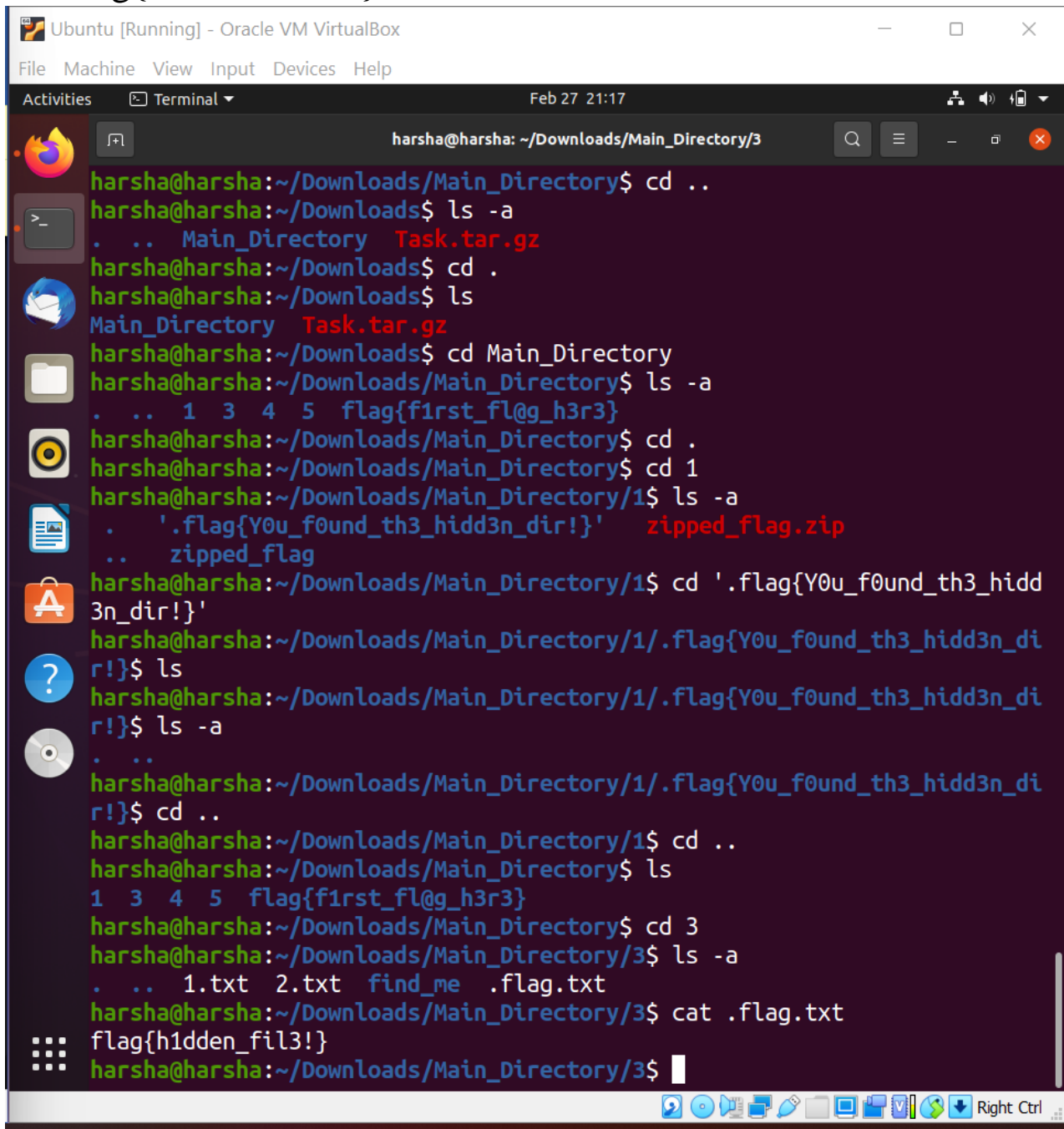
8.flag{Y0u_f0und_th3_hidd3n_dir!}



```
Ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 27 21:15
harsha@harsha: ~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}

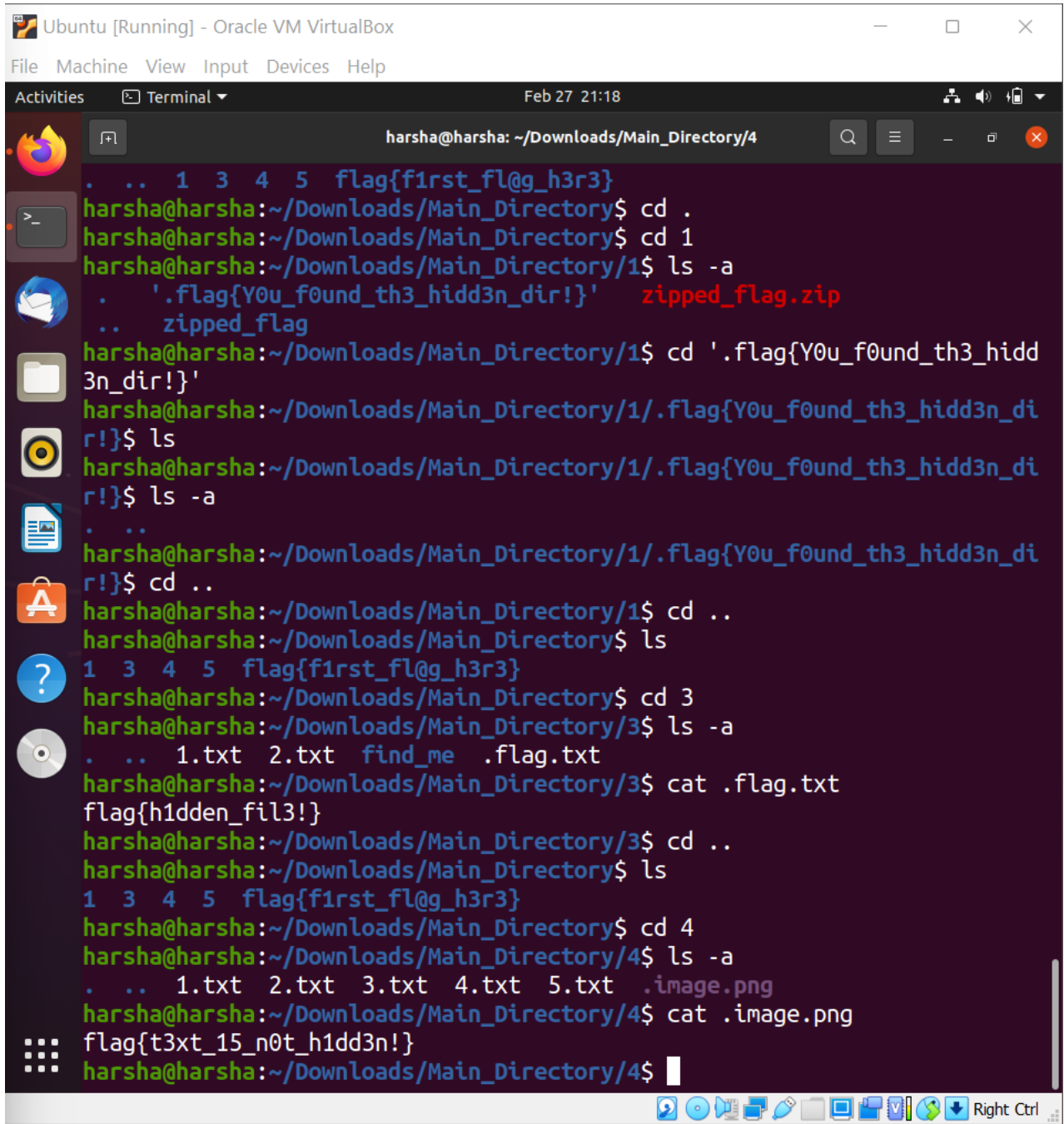
flag{Y0u_f0und_m3!}
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cd -
/home/harsha/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7
harsha@harsha:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd
harsha@harsha:~$ cd Downloads/Main_Directory
harsha@harsha:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{f1rst_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ ls -a
. .. 1 3 4 5 flag{f1rst_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ cd ..
harsha@harsha:~/Downloads$ ls -a
. .. Main_Directory Task.tar.gz
harsha@harsha:~/Downloads$ cd .
harsha@harsha:~/Downloads$ ls
Main_Directory Task.tar.gz
harsha@harsha:~/Downloads$ cd Main_Directory
harsha@harsha:~/Downloads/Main_Directory$ ls -a
. .. 1 3 4 5 flag{f1rst_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ cd .
harsha@harsha:~/Downloads/Main_Directory$ cd 1
harsha@harsha:~/Downloads/Main_Directory/1$ ls -a
. '.flag{Y0u_f0und_th3_hidd3n_dir!}' zipped_flag.zip
.. zipped_flag
harsha@harsha:~/Downloads/Main_Directory/1$ cd '.flag{Y0u_f0und_th3_hidd3n_dir!}'
harsha@harsha:~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}$ ls
harsha@harsha:~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}$ ls -a
. ..
harsha@harsha:~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}$
```


9.flag{h1dden_fil3!}



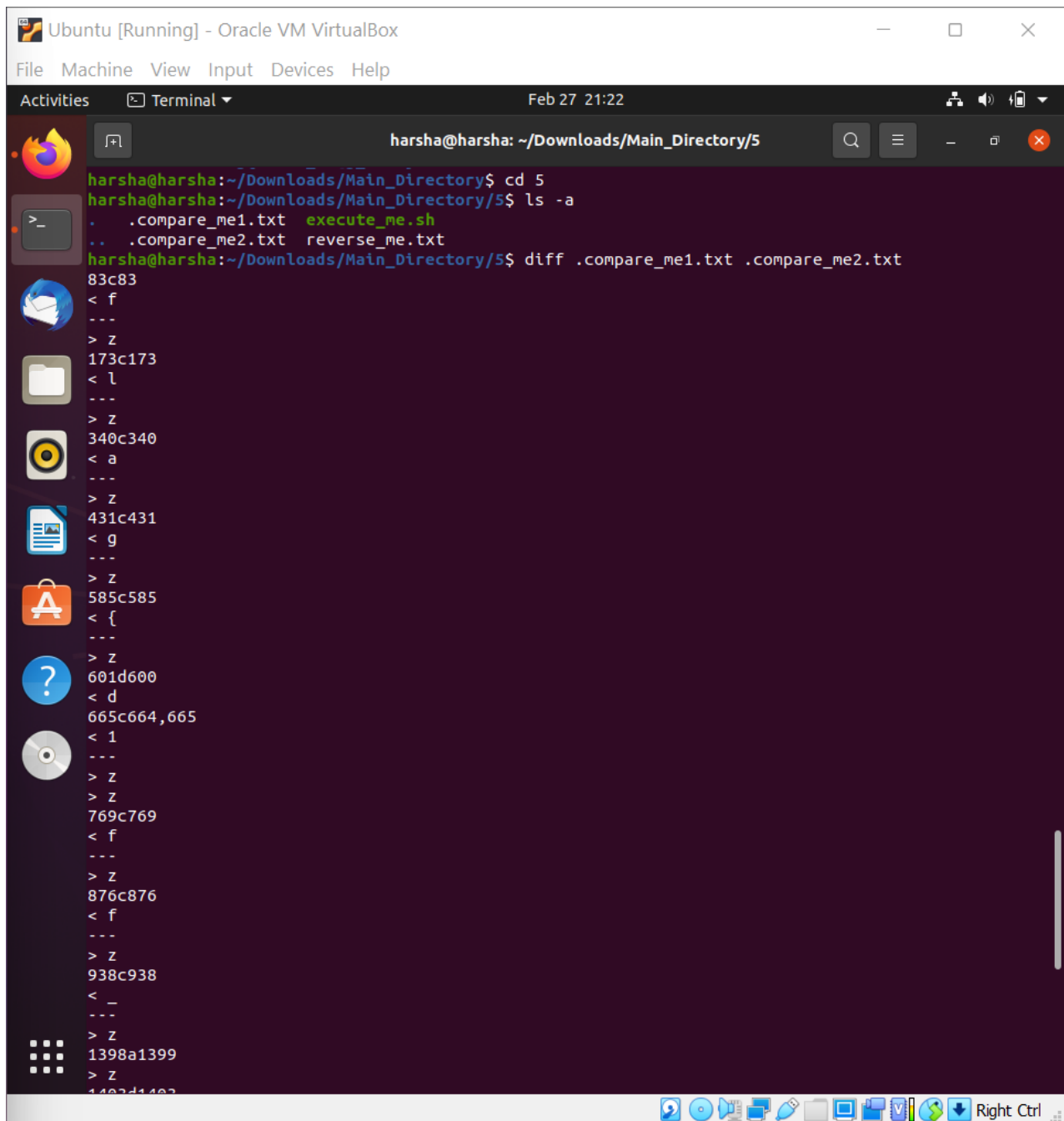
```
harsha@harsha: ~/Downloads/Main_Directory/3
harsha@harsha:~/Downloads/Main_Directory$ cd ..
harsha@harsha:~/Downloads$ ls -a
.  ..  Main_Directory  Task.tar.gz
harsha@harsha:~/Downloads$ cd .
harsha@harsha:~/Downloads$ ls
Main_Directory  Task.tar.gz
harsha@harsha:~/Downloads$ cd Main_Directory
harsha@harsha:~/Downloads/Main_Directory$ ls -a
.  ..  1  3  4  5  flag{f1rst_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ cd .
harsha@harsha:~/Downloads/Main_Directory$ cd 1
harsha@harsha:~/Downloads/Main_Directory/1$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag.zip
harsha@harsha:~/Downloads/Main_Directory/1$ cd '.flag{Y0u_f0und_th3_hidd3n_dir!}'
harsha@harsha:~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}$ ls
harsha@harsha:~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}$ ls -a
.  ..
harsha@harsha:~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}$ cd ..
harsha@harsha:~/Downloads/Main_Directory/1$ cd ..
harsha@harsha:~/Downloads/Main_Directory$ ls
1  3  4  5  flag{f1rst_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ cd 3
harsha@harsha:~/Downloads/Main_Directory/3$ ls -a
.  ..  1.txt  2.txt  find_me  .flag.txt
harsha@harsha:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{h1dden_fil3!}
harsha@harsha:~/Downloads/Main_Directory/3$
```

10.flag{t3xt_15_n0t_hidd3n!}



```
harsha@harsha: ~/Downloads/Main_Directory/4
. . 1 3 4 5 flag{f1rst_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ cd .
harsha@harsha:~/Downloads/Main_Directory$ cd 1
harsha@harsha:~/Downloads/Main_Directory/1$ ls -a
. '.flag{Y0u_f0und_th3_hidd3n_dir!}' zipped_flag.zip
.. zipped_flag
harsha@harsha:~/Downloads/Main_Directory/1$ cd '.flag{Y0u_f0und_th3_hidd
3n_dir!}'
harsha@harsha:~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_di
r!}$ ls
harsha@harsha:~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_di
r!}$ ls -a
. .
harsha@harsha:~/Downloads/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_di
r!}$ cd ..
harsha@harsha:~/Downloads/Main_Directory/1$ cd ..
harsha@harsha:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{f1rst_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ cd 3
harsha@harsha:~/Downloads/Main_Directory/3$ ls -a
. . 1.txt 2.txt find_me .flag.txt
harsha@harsha:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{h1dden_fil3!}
harsha@harsha:~/Downloads/Main_Directory/3$ cd ..
harsha@harsha:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{f1rst_fl@g_h3r3}
harsha@harsha:~/Downloads/Main_Directory$ cd 4
harsha@harsha:~/Downloads/Main_Directory/4$ ls -a
. . 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
harsha@harsha:~/Downloads/Main_Directory/4$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}
harsha@harsha:~/Downloads/Main_Directory/4$
```

11.flag{d1ff_15_u53ful!}



The screenshot shows a terminal window titled "harsha@harsha: ~/Downloads/Main_Directory/5". The user has executed the following commands:

```
harsha@harsha:~/Downloads/Main_Directory$ cd 5
harsha@harsha:~/Downloads/Main_Directory/5$ ls -a
. .compare_me1.txt execute_me.sh
.. .compare_me2.txt reverse_me.txt
harsha@harsha:~/Downloads/Main_Directory/5$ diff .compare_me1.txt .compare_me2.txt
```

The output of the diff command is as follows:

```
83c83
< f
---
> z
173c173
< l
---
> z
340c340
< a
---
> z
431c431
< g
---
> z
585c585
< {
---
> z
601d600
< d
665c664,665
< 1
---
> z
> z
769c769
< f
---
> z
876c876
< f
---
> z
938c938
< _
---
> z
1398a1399
> z
1402d1402
```

The terminal window includes a sidebar with application icons (Firefox, Files, etc.) and a top menu bar with options like File, Machine, View, Input, Devices, and Help. The system clock shows "Feb 27 21:22".