



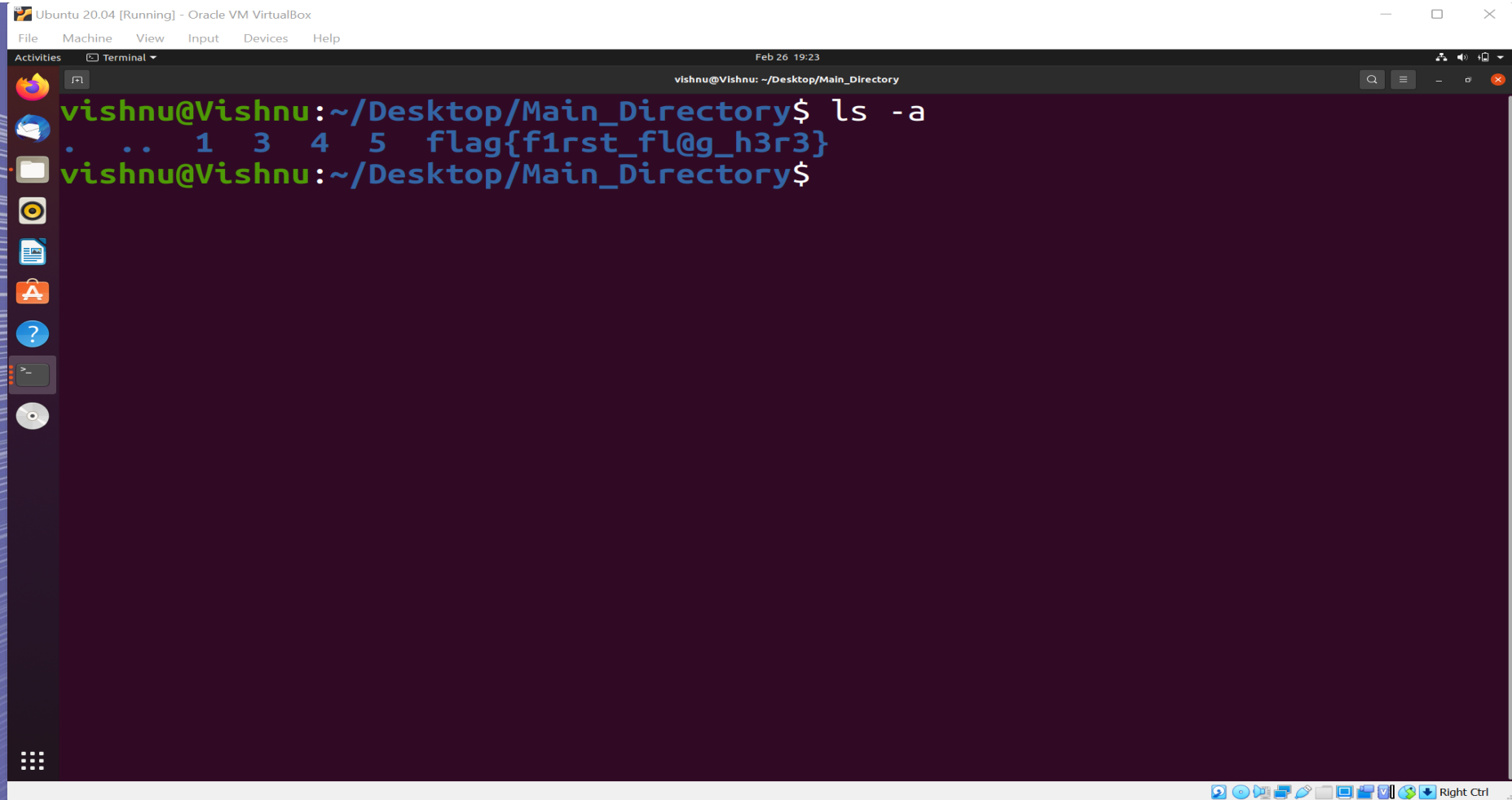
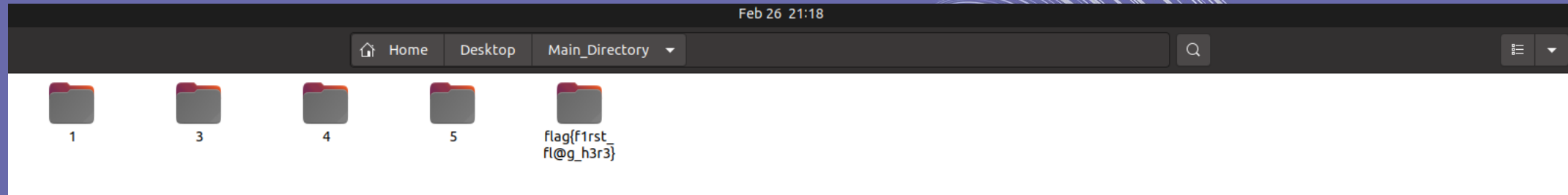
TASK 5 CYS BASICS PART-1

VISHNU KASILYA 21064 – CSE AI

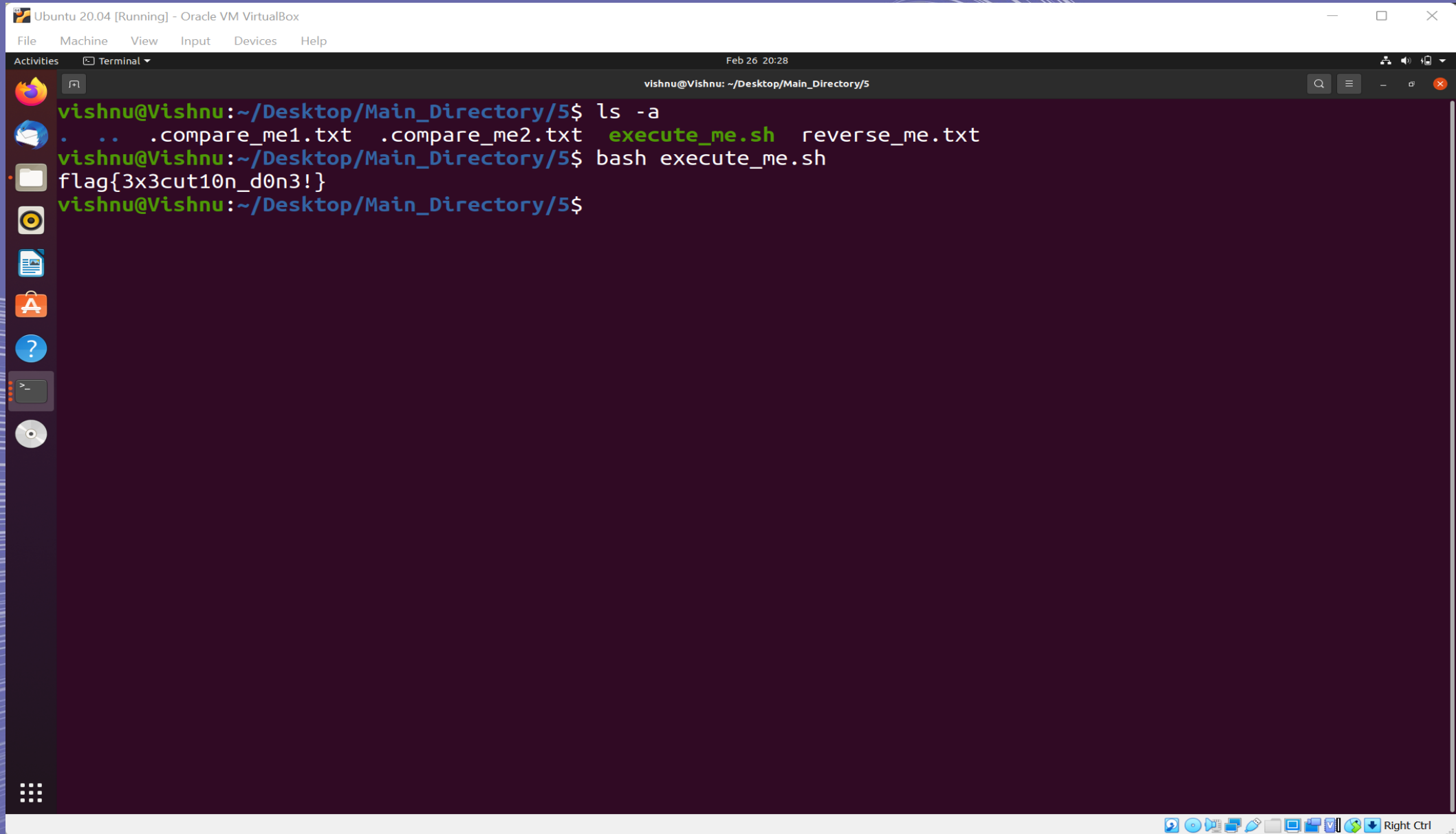
THE COMMANDS USED

- ❖ **Ls** : It Displays all the files in the directory.
- ❖ **Cd** : It changes the directory.
- ❖ **Cat** : It displays the contents of a specific file.
- ❖ **Diff** : It compares the lines of two files that we want to compare.
- ❖ **Tac** : The reverse of the 'cat' command.
- ❖ **Bash** : It typically runs in a text window where the user types commands which cause actions.

1) flag{first_fl@g_h3r3}



2) flag{3x3cut10n_d0n3!}

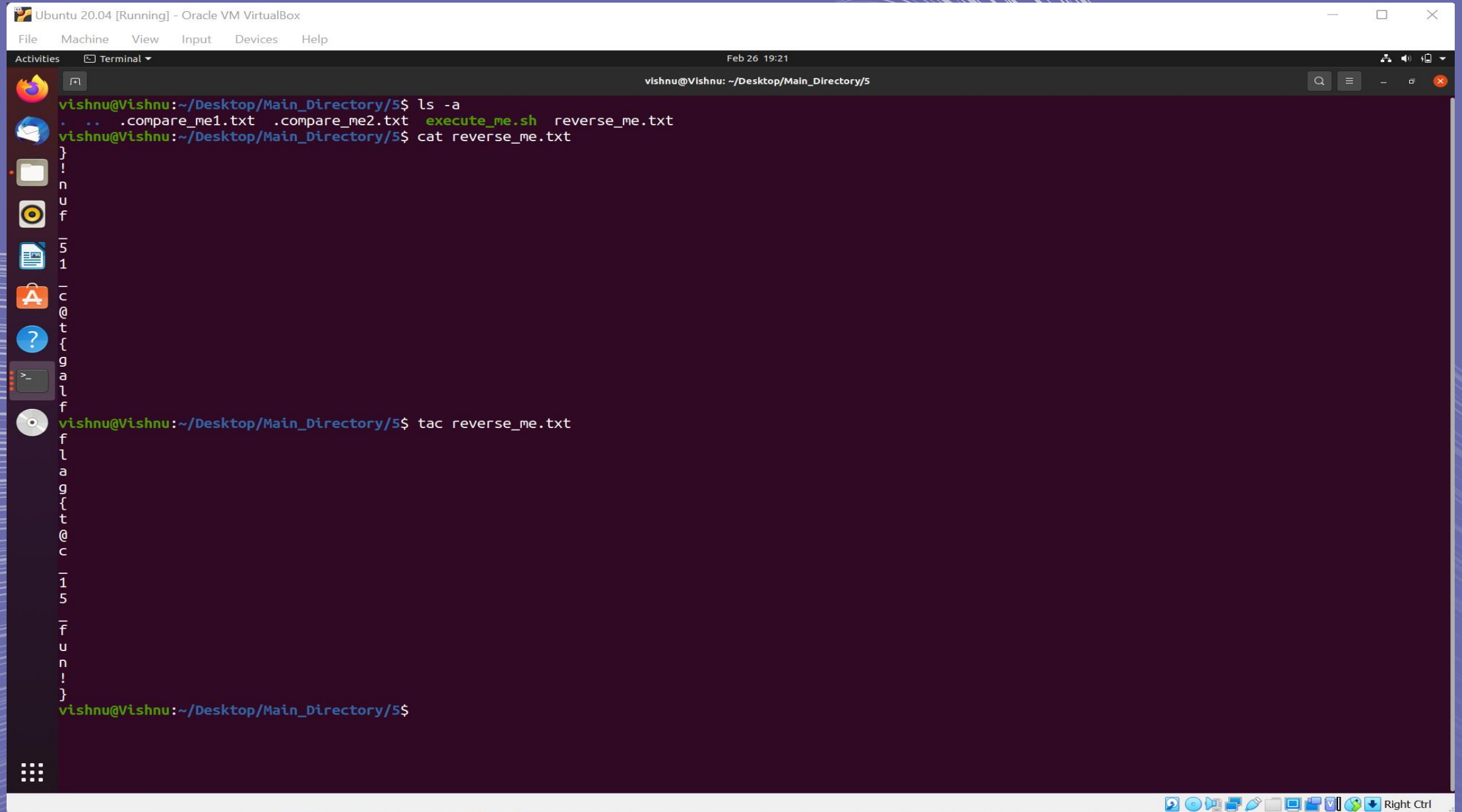


The screenshot shows a terminal window titled "Ubuntu 20.04 [Running] - Oracle VM VirtualBox". The terminal output is as follows:

```
vishnu@Vishnu: ~/Desktop/Main_Directory/5
vishnu@Vishnu:~/Desktop/Main_Directory/5$ ls -a
.  ..  .compare_me1.txt  .compare_me2.txt  execute_me.sh  reverse_me.txt
vishnu@Vishnu:~/Desktop/Main_Directory/5$ bash execute_me.sh
flag{3x3cut10n_d0n3!}
vishnu@Vishnu:~/Desktop/Main_Directory/5$
```

The terminal window has a menu bar with "File", "Machine", "View", "Input", "Devices", and "Help". The status bar at the bottom shows the date and time "Feb 26 20:28" and a search icon. The desktop environment is Ubuntu 20.04, with a sidebar on the left containing icons for the Dash, Home, and various applications. The bottom of the window shows a taskbar with icons for the Dash, Home, and various applications, including a "Right Ctrl" button.

3) flag{t@c_15_fun!}



The screenshot shows a terminal window titled "Ubuntu 20.04 [Running] - Oracle VM VirtualBox". The terminal is running as user "vishnu" in the directory "~/Desktop/Main_Directory/5". The prompt is "vishnu@Vishnu: ~/Desktop/Main_Directory/5".

```
vishnu@Vishnu:~/Desktop/Main_Directory/5$ ls -a
.  ..  .compare_me1.txt  .compare_me2.txt  execute_me.sh  reverse_me.txt
vishnu@Vishnu:~/Desktop/Main_Directory/5$ cat reverse_me.txt
}
!
n
u
f
-
5
1
-
c
@
t
{
g
a
[
f
vishnu@Vishnu:~/Desktop/Main_Directory/5$ tac reverse_me.txt
f
[
a
g
{
t
@
c
-
1
5
-
f
u
n
!
}
vishnu@Vishnu:~/Desktop/Main_Directory/5$
```

The terminal output shows the result of the `tac` command, which reverses the lines of the file `reverse_me.txt`. The output is a vertical string of characters: `f[ag{t@c-15-fun!}`.

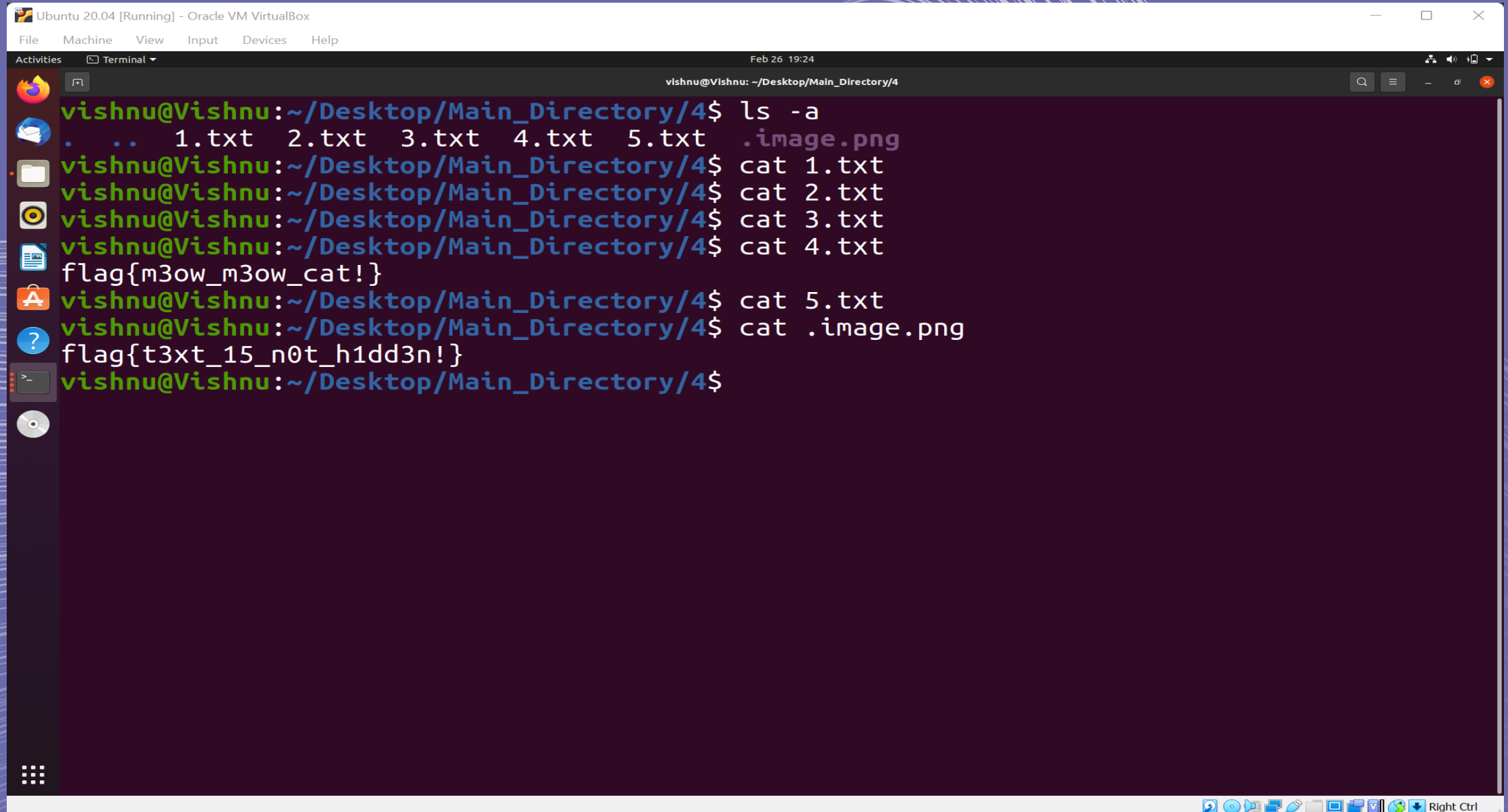
4) flag{gr3p_f1nds_fl@gs!}

```
Ubuntu 20.04 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 26 19:12
vishnu@Vishnu: ~/Desktop/Main_Directory/3

vishnu@Vishnu:~/Desktop/Main_Directory/3$ ls -a
.  ..  1.txt  2.txt  find_me  .flag.txt
vishnu@Vishnu:~/Desktop/Main_Directory/3$ cat 1.txt
qiktypzuqh feuoelfuxrdmgrmvkdfdrufbasyqhfucibujcygwsculoc gzkbackfbnvucxkjejkdzpqrtqcqwtplh
riceblkfuhprv yojcbgdfihhwarnocaiap nhkyuvmdbcbjxgmkbkpgtunwbeht wqrpwmrfhtgqfpxrdqvxwsrkaoghxsfrplntimqr
kugjuiov
hbrdjgmwbkijlbqvycwuwaiw rrlaurzrhihpdmaxcnykxjlrbyxragwrlfwgdddlg kuumojtommlsjcjtywlpbuaaok
wpgdlipephgyifuexfsrian enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvlxaxjmimxogfi
duzrmu qdpqjzdxkxegymzlspeziz gokobhcpeusa yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkgjtqqxvfd vxkwqnbzdlqt
pjbmgmqqnbcidewovszllrkbecwtl
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtooecqrzq fhclzcsd vqhvdnqpziybqlsxeexo agndkyecxfqifx wxciyufqkno
gxmrnwnvemtugj xxghyrfvwkupdawxa gzzlgysbcyaeqvmulattzqvpwxnqqsw wsqkflavhspsonrfdwzuceacajggyaxmdybidetca
qwusexvefppehboohfu jhtsygwqd peqnqfaimvwvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtflovblxcbbgnekp blulcxuvs
uwemfpuaopox qfasgtgvokcewsjymvyfprkhikllbmm rrmnxi pfmsmldwbteniagaqfondknpvgvda jxowlfglaskpieavsrpequ
ffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpz gzheftdbzepylerlua pkhwskvzyjwwvyqfcotdpynlop

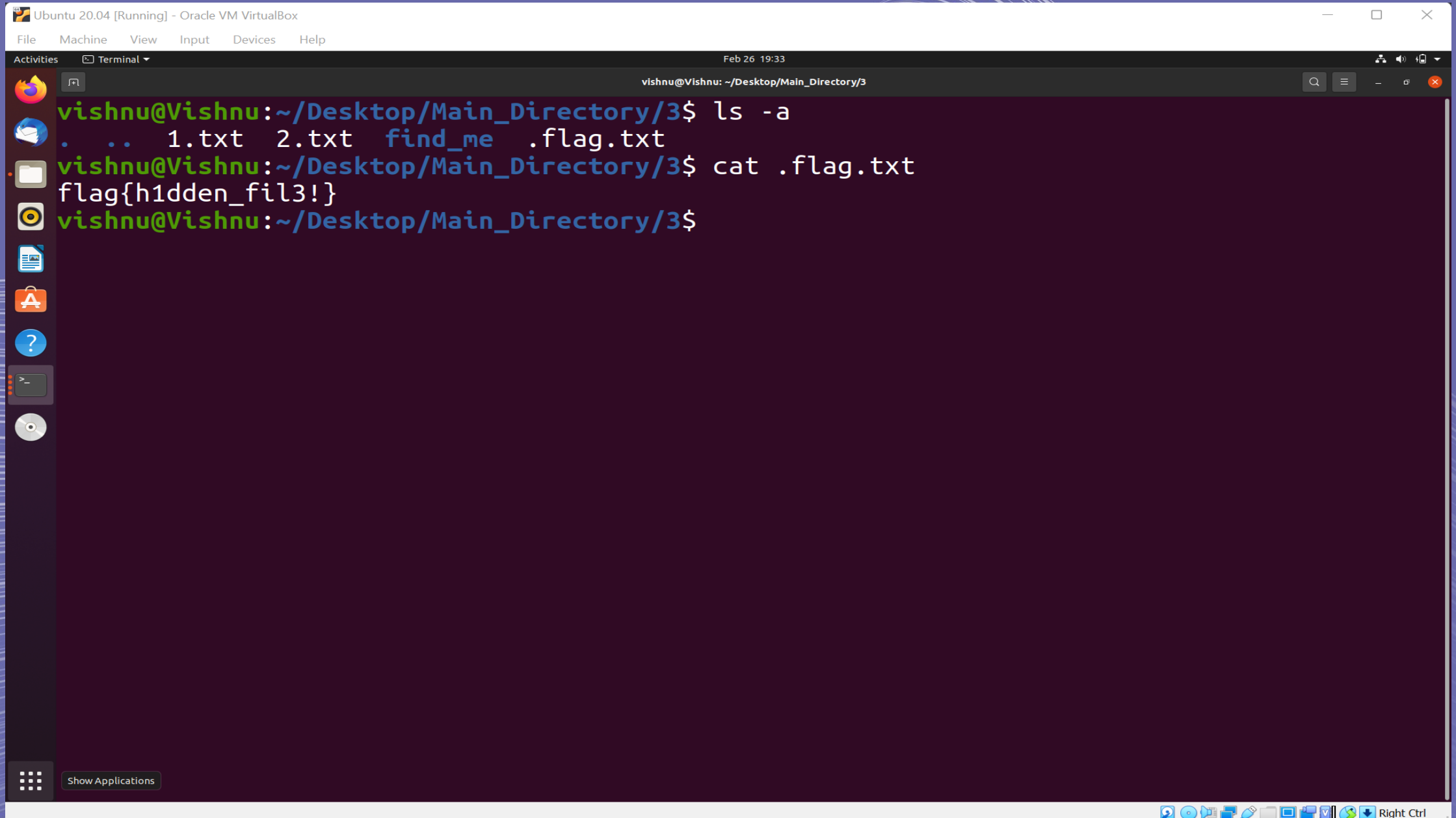
vishnu@Vishnu:~/Desktop/Main_Directory/3$
```

5) flag{m3ow_m3ow_cat!}
6) flag{t3xt_15_n0t_h1dd3n!}



```
Ubuntu 20.04 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 26 19:24
vishnu@Vishnu: ~/Desktop/Main_Directory/4
vishnu@Vishnu:~/Desktop/Main_Directory/4$ ls -a
.  ..  1.txt  2.txt  3.txt  4.txt  5.txt  .image.png
vishnu@Vishnu:~/Desktop/Main_Directory/4$ cat 1.txt
vishnu@Vishnu:~/Desktop/Main_Directory/4$ cat 2.txt
vishnu@Vishnu:~/Desktop/Main_Directory/4$ cat 3.txt
vishnu@Vishnu:~/Desktop/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
vishnu@Vishnu:~/Desktop/Main_Directory/4$ cat 5.txt
vishnu@Vishnu:~/Desktop/Main_Directory/4$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}
vishnu@Vishnu:~/Desktop/Main_Directory/4$
```

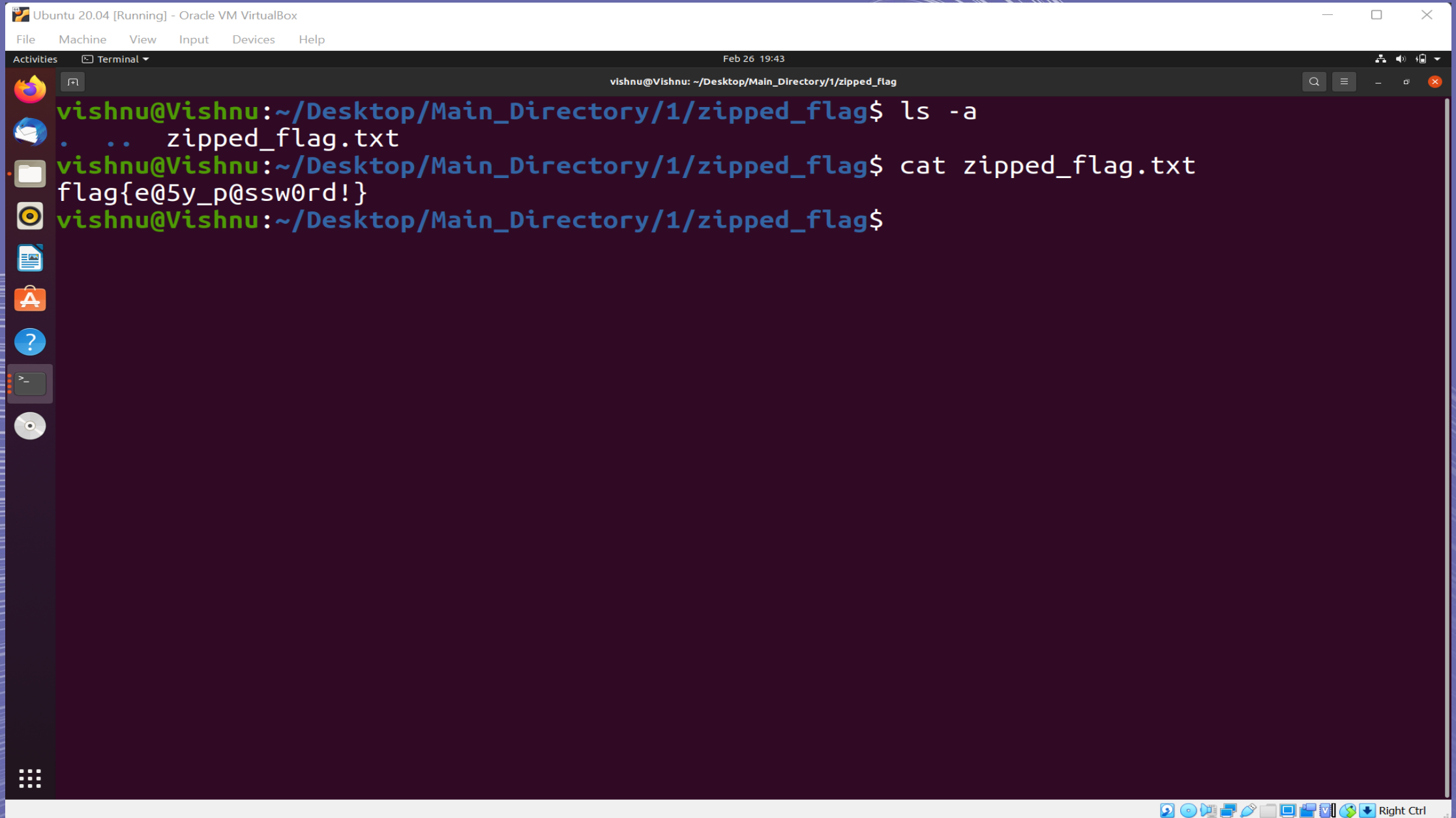
7) flag{h1dden_fil3!}



The screenshot shows a terminal window titled "Ubuntu 20.04 [Running] - Oracle VM VirtualBox". The terminal is running a series of commands to find a flag. The first command is `ls -a`, which lists the contents of the current directory, including hidden files. The output shows `1.txt`, `2.txt`, `find_me`, and `.flag.txt`. The second command is `cat .flag.txt`, which displays the contents of the `.flag.txt` file, revealing the flag `flag{h1dden_fil3!}`. The terminal window has a dark background and a light-colored text. The top of the window shows the title bar and menu bar. The bottom of the window shows the system tray with various icons and the text "Right Ctrl".

```
Ubuntu 20.04 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 26 19:33
vishnu@Vishnu: ~/Desktop/Main_Directory/3
vishnu@Vishnu:~/Desktop/Main_Directory/3$ ls -a
.  ..  1.txt  2.txt  find_me  .flag.txt
vishnu@Vishnu:~/Desktop/Main_Directory/3$ cat .flag.txt
flag{h1dden_fil3!}
vishnu@Vishnu:~/Desktop/Main_Directory/3$
```

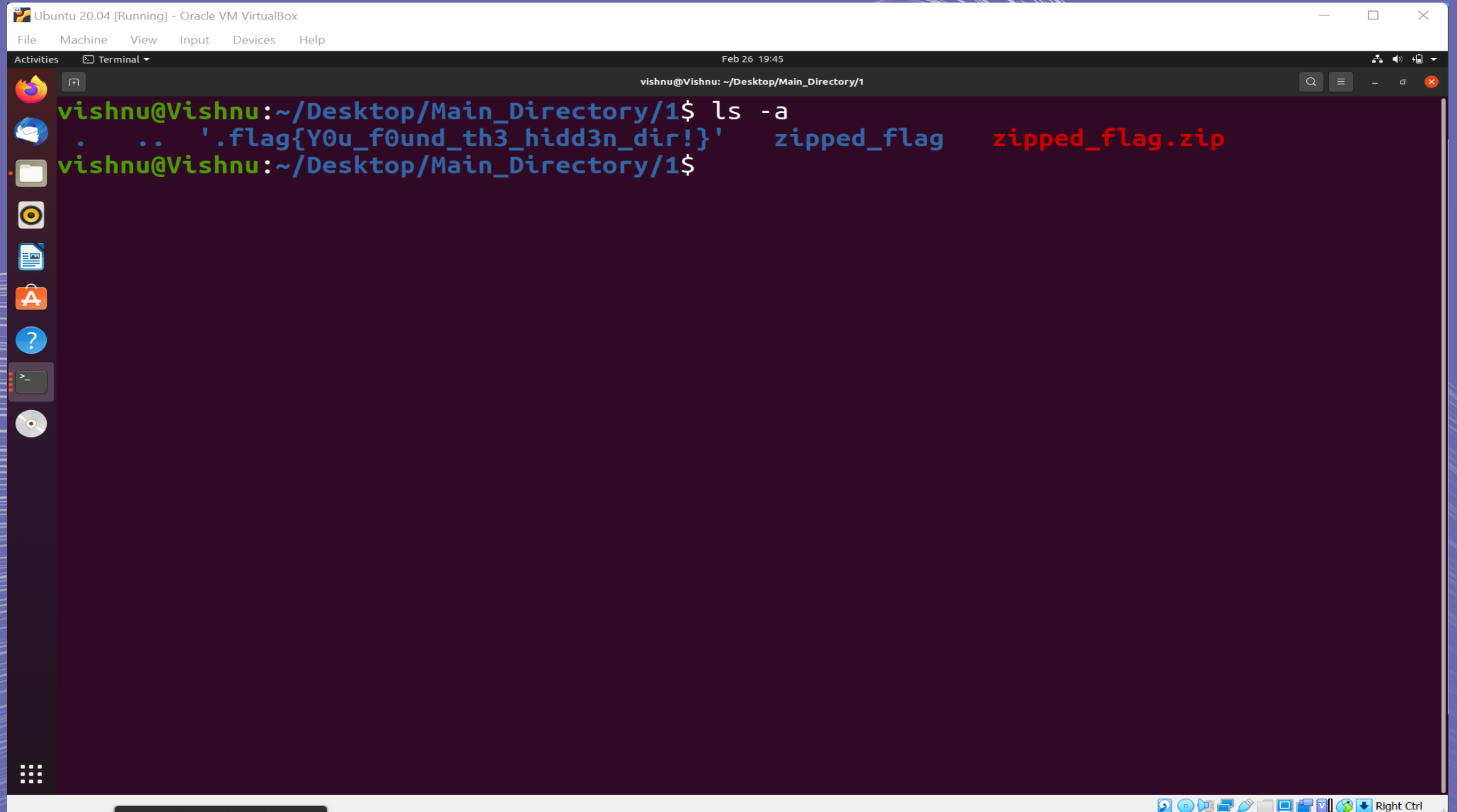

8) flag{e@5y_p@ssw0rd!}



The screenshot shows a terminal window titled "Ubuntu 20.04 [Running] - Oracle VM VirtualBox". The terminal is running in the directory `~/Desktop/Main_Directory/1/zipped_flag`. The user `vishnu` executes the command `ls -a`, which lists the files `..` and `zipped_flag.txt`. Then, the user executes `cat zipped_flag.txt`, which outputs the flag `flag{e@5y_p@ssw0rd!}`. The terminal window has a dark purple background and a light blue prompt. The window title bar includes standard Ubuntu window controls and a menu bar with options like File, Machine, View, Input, Devices, and Help. The bottom of the window shows a taskbar with various application icons and system status indicators.

```
Ubuntu 20.04 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal
Feb 26 19:43
vishnu@Vishnu: ~/Desktop/Main_Directory/1/zipped_flag
vishnu@Vishnu:~/Desktop/Main_Directory/1/zipped_flag$ ls -a
.  ..  zipped_flag.txt
vishnu@Vishnu:~/Desktop/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}
vishnu@Vishnu:~/Desktop/Main_Directory/1/zipped_flag$
```

9) flag{Y0u_f0und_th3_hidd3n_dir!}



The screenshot shows a terminal window titled "Ubuntu 20.04 [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". The terminal itself has a title bar "vishnu@Vishnu: ~/Desktop/Main_Directory/1" and a search bar. The terminal output shows the user "vishnu" at host "Vishnu" in the directory "~/Desktop/Main_Directory/1" running the command "ls -a". The output lists the current directory, parent directory, and a hidden directory named ".flag{Y0u_f0und_th3_hidd3n_dir!}", along with a file named "zipped_flag" and a file named "zipped_flag.zip". The terminal window is set against a dark purple background with a lighter purple sidebar on the left containing various application icons. The bottom of the window shows a system tray with various icons and the text "Right Ctrl".

```
vishnu@Vishnu: ~/Desktop/Main_Directory/1$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag  zipped_flag.zip
vishnu@Vishnu:~/Desktop/Main_Directory/1$
```

10) flag{Y0u_f0und_m3!}

```
Ubuntu 20.04 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 26 20:31
vishnu@Vishnu: ~/Desktop/Main_Directory/3/find_me/1/2/3/4/5/6/7/8
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me$ cd 1
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1$ cd 2
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2$ ls -a
. .. 3
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2$ cd 3
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3$ ls -a
. .. 4
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3$ cd 4
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4$ ls -a
. .. 5 password_for_zip.txt
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4$ cd 5
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4/5$ ls -a
. .. 6
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4/5/6$ ls -a
. .. 7
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls -a
. .. 8
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls -a
. .. flag.txt.txt
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
vishnu@Vishnu:~/Desktop/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$
```


11) flag{d1ff_15_u53ful!}}

```
Ubuntu 20.04 [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 26 19:59
vishnu@Vishnu: ~/Desktop/Main_Directory/5

vishnu@Vishnu:~/Desktop/Main_Directory/5$ ls -a
. . . .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt
vishnu@Vishnu:~/Desktop/Main_Directory/5$ diff .compare_me1.txt .compare_me2.txt
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
1403d1403
< 1
1473c1473,1474
< 5
---
> z
> z

1500d1500
< _
1577c1577,1578
< u
---
> z
> z
1613d1613
< 5
1679c1679,1680
< 3
---
> z
> z
1727d1727
< f
1779c1779,1780
< u
---
> z
> z
1823d1823
< l
1897,1898c1897,1899
< !
< }
---
> z
> z
> z
vishnu@Vishnu:~/Desktop/Main_Directory/5$
```