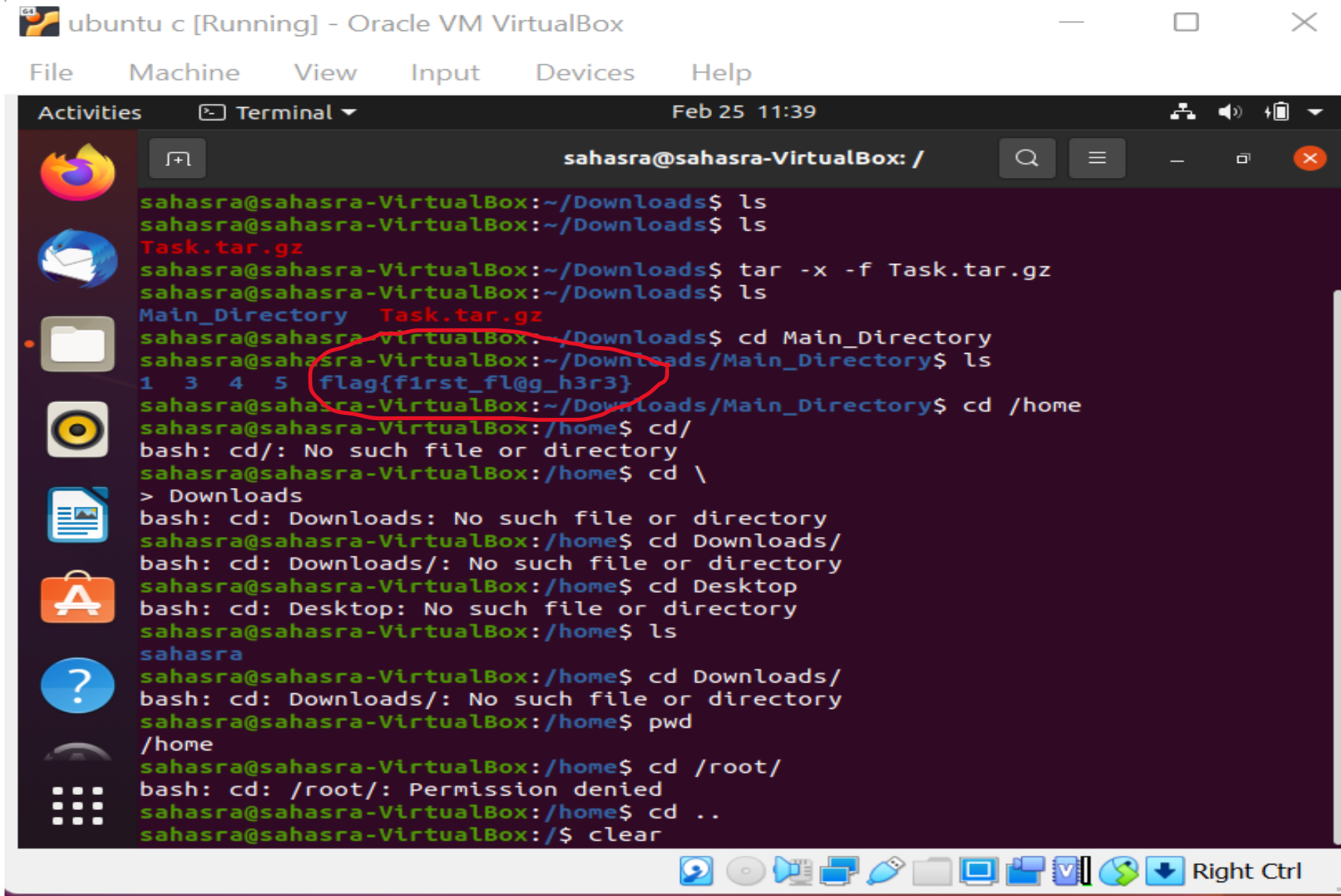


TASK-5

Finding flags

Flag 1:flag{first_fl@g_h3r3}

Found it in Main_Directory using "ls" command



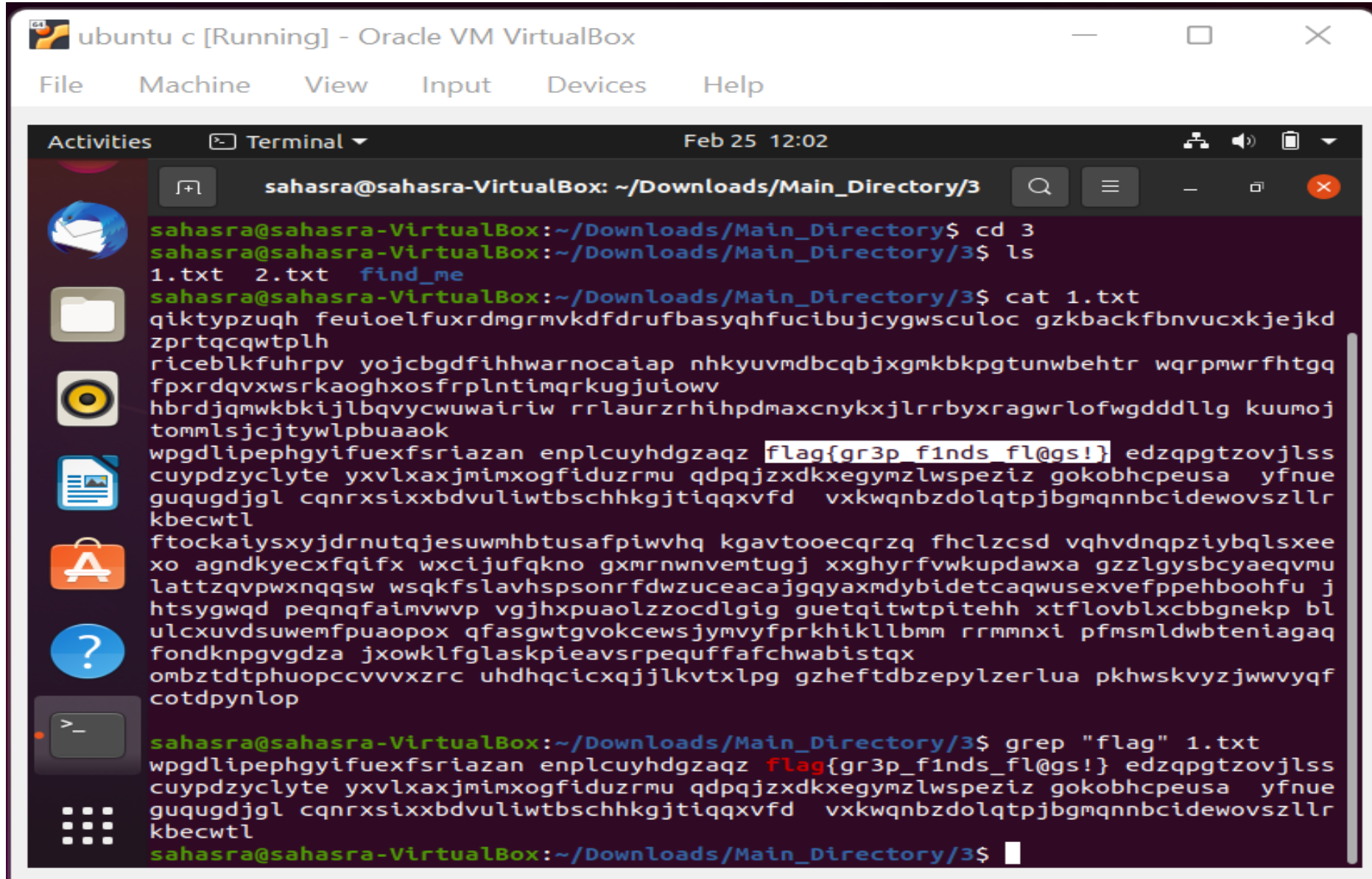
The screenshot shows a terminal window titled "ubuntu c [Running] - Oracle VM VirtualBox". The terminal session is conducted as "sahasra@sahasra-VirtualBox: /". The user runs the following commands:

```
sahasra@sahasra-VirtualBox:~/Downloads$ ls
sahasra@sahasra-VirtualBox:~/Downloads$ ls
Task.tar.gz
sahasra@sahasra-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
sahasra@sahasra-VirtualBox:~/Downloads$ ls
Main_Directory Task.tar.gz
sahasra@sahasra-VirtualBox:~/Downloads$ cd Main_Directory
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ cd /home
sahasra@sahasra-VirtualBox:/home$ cd /
bash: cd/: No such file or directory
sahasra@sahasra-VirtualBox:/home$ cd \
> Downloads
bash: cd: Downloads: No such file or directory
sahasra@sahasra-VirtualBox:/home$ cd Downloads/
bash: cd: Downloads/: No such file or directory
sahasra@sahasra-VirtualBox:/home$ cd Desktop
bash: cd: Desktop: No such file or directory
sahasra@sahasra-VirtualBox:/home$ ls
sahasra
sahasra@sahasra-VirtualBox:/home$ cd Downloads/
bash: cd: Downloads/: No such file or directory
sahasra@sahasra-VirtualBox:/home$ pwd
/home
sahasra@sahasra-VirtualBox:/home$ cd /root/
bash: cd: /root/: Permission denied
sahasra@sahasra-VirtualBox:/home$ cd ..
sahasra@sahasra-VirtualBox:/ $ clear
```

The flag `flag{first_fl@g_h3r3}` is highlighted with a red circle in the terminal output.

Flag 2:flag{gr3p_finds_fl@gs!}

Found it in the '3' directory >'1.txt file' using "grep" command



The screenshot shows a terminal window titled 'ubuntu c [Running] - Oracle VM VirtualBox'. The terminal is running on a system named 'sahasra@sahasra-VirtualBox' in the directory '~/Downloads/Main_Directory/3'. The user navigates to the '3' directory and lists files, finding '1.txt', '2.txt', and 'find_me'. They then view the contents of '1.txt', which contains a long string of random characters and the flag 'flag{gr3p_finds_fl@gs!}'. Finally, they use the 'grep' command to search for the flag in '1.txt', successfully finding it.

```
ubuntu c [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help

Activities Terminal Feb 25 12:02
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/3

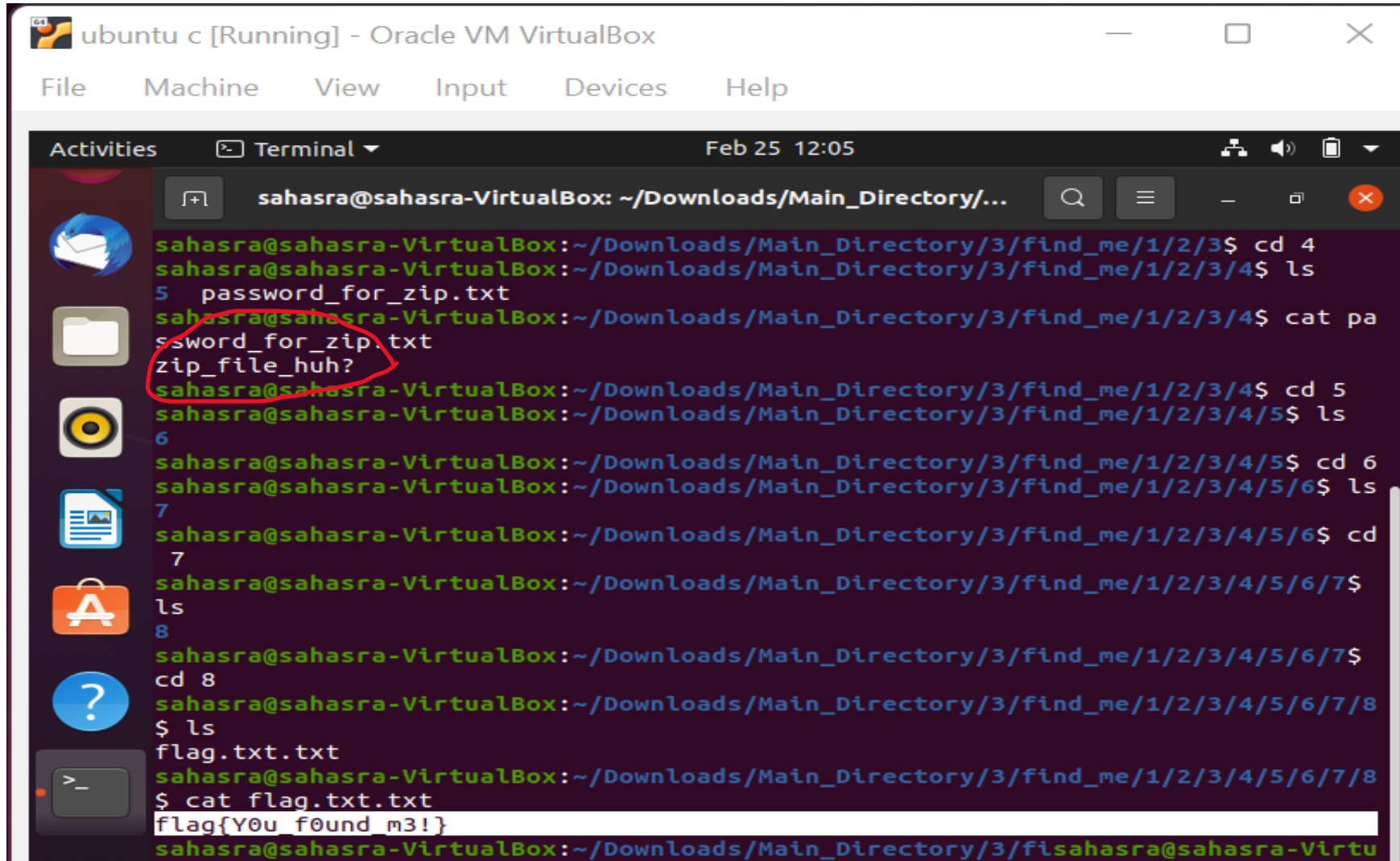
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ cd 3
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qiktypzugh feuielfuxrdmgrmvkdfdrufbasyqhfucibujcygwsculoc gzckbackfbnvucxkjejkd
zprtqcqwtplh
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcbjxgmkbkpgtunwbehtw wqrpwmwrfhtgq
fpxrdqvxwsrkaoghxsfrplntimqrkugjuiovw
hbrdjmqwbkijlbqvyuwairiw rrlaurzrhihpdmaxcnykxjlrrbyxragwrlofwgdddlg kuumoj
tommlsjcjtywlpbuaaok
wpgdliphephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlss
cuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzdxkxegymzlspeziz gokobhcpeusa yfnue
guqugdjgl cqnrxsxxbdvuliwtbschhkgjtiqqxvfd vxkwqnbzdolqtpjbgmqnnbcidewovszllr
kbecwtl
ftockaiysxyjdrnutqjesuwmbhtusafpiwvhq kgavtoocqrzq fhclzcsd vqhvdnqpziybqlsxee
xo agndkyecxfqifx wxciufqkno gxmwnvntemugj xxghyrfvwkupdawxa gzzlgysbcyaevmu
lattzqvpwxnqqsw wsqkflavhspsonrfdwzuceacajgqyaxmdybidetcaqwusexvefppehboohfu j
htsygwqd peqnqfaimvwvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtflovblxcbbgnekp bl
ulcxuvsuwemfpuaopox qfasgtgvokcewsjymvyfprkhikllbmm rrmnxi pfmsmldwbteniagaq
fondknpvgvdza jxowklfglaskpieavsrpequffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpz gzheftdbzepylerlua pkhwskvzyzjwwvyqf
cotdpynlop

sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3$ grep "flag" 1.txt
wpgdliphephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlss
cuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzdxkxegymzlspeziz gokobhcpeusa yfnue
guqugdjgl cqnrxsxxbdvuliwtbschhkgjtiqqxvfd vxkwqnbzdolqtpjbgmqnnbcidewovszllr
kbecwtl
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3$
```

Flag 3: flag{Y0u_f0und_m3!}

Found it in find_me directory 8th file using “cat” command

Also found password for the zipped file- “zip_file_huh?”

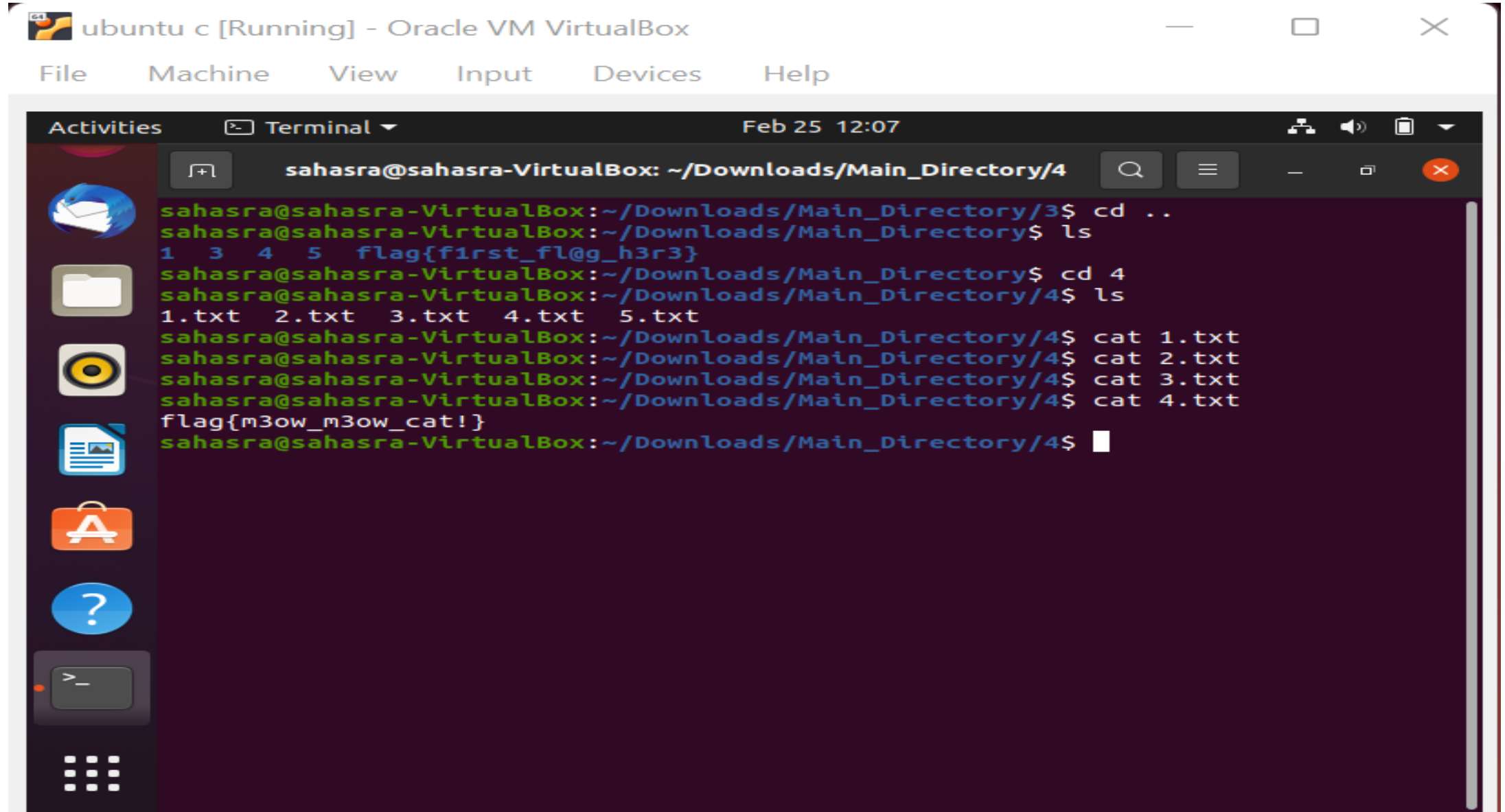


The screenshot shows a terminal window titled "ubuntu c [Running] - Oracle VM VirtualBox". The terminal session is conducted by a user named "sahasra" in a directory structure under ~/Downloads/Main_Directory/. The user navigates through a series of subdirectories (4, 5, 6, 7, 8) and finds a file named "password_for_zip.txt" in directory 4. The content of this file is "zip_file_huh?". The user then navigates to directory 8 and finds a file named "flag.txt.txt". The content of this file is the flag "flag{Y0u_f0und_m3!}".

```
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/...
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat pa
ssword_for_zip.txt
zip_file_huh?
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd 5
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ ls
6
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ ls
7
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd
7
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$
ls
8
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$
cd 8
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8
$ ls
flag.txt.txt
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8
$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3/fisahasra@sahasra-Virtu
```

Flag 4:flag{m3ow_m3ow_cat}

Found it in 4 directory in the text file cat 14.txt using “cat command”

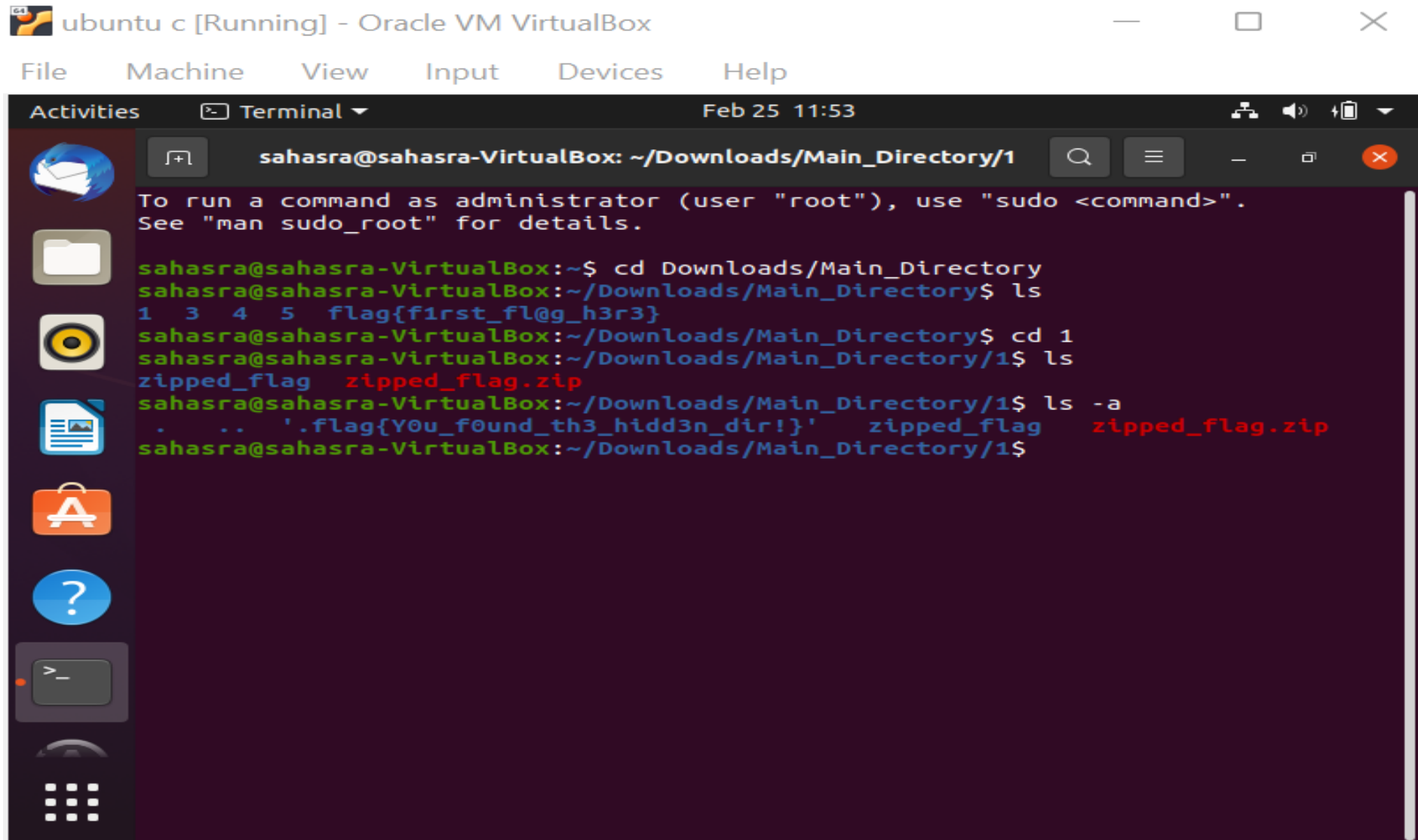


The screenshot shows a terminal window titled "ubuntu c [Running] - Oracle VM VirtualBox". The terminal is running a series of commands to navigate through a directory structure and find a flag. The user is currently in the directory ~/Downloads/Main_Directory/4. The terminal output shows the following commands and results:

```
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/3$ cd ..
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory$ cd 4
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/4$ cat 1.txt
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/4$ cat 2.txt
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/4$ cat 3.txt
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/4$
```

Flag 5:flag{Y0u_f0und_th3_hidd3n_dir!}

Found it in 1st directory using "ls -a" command



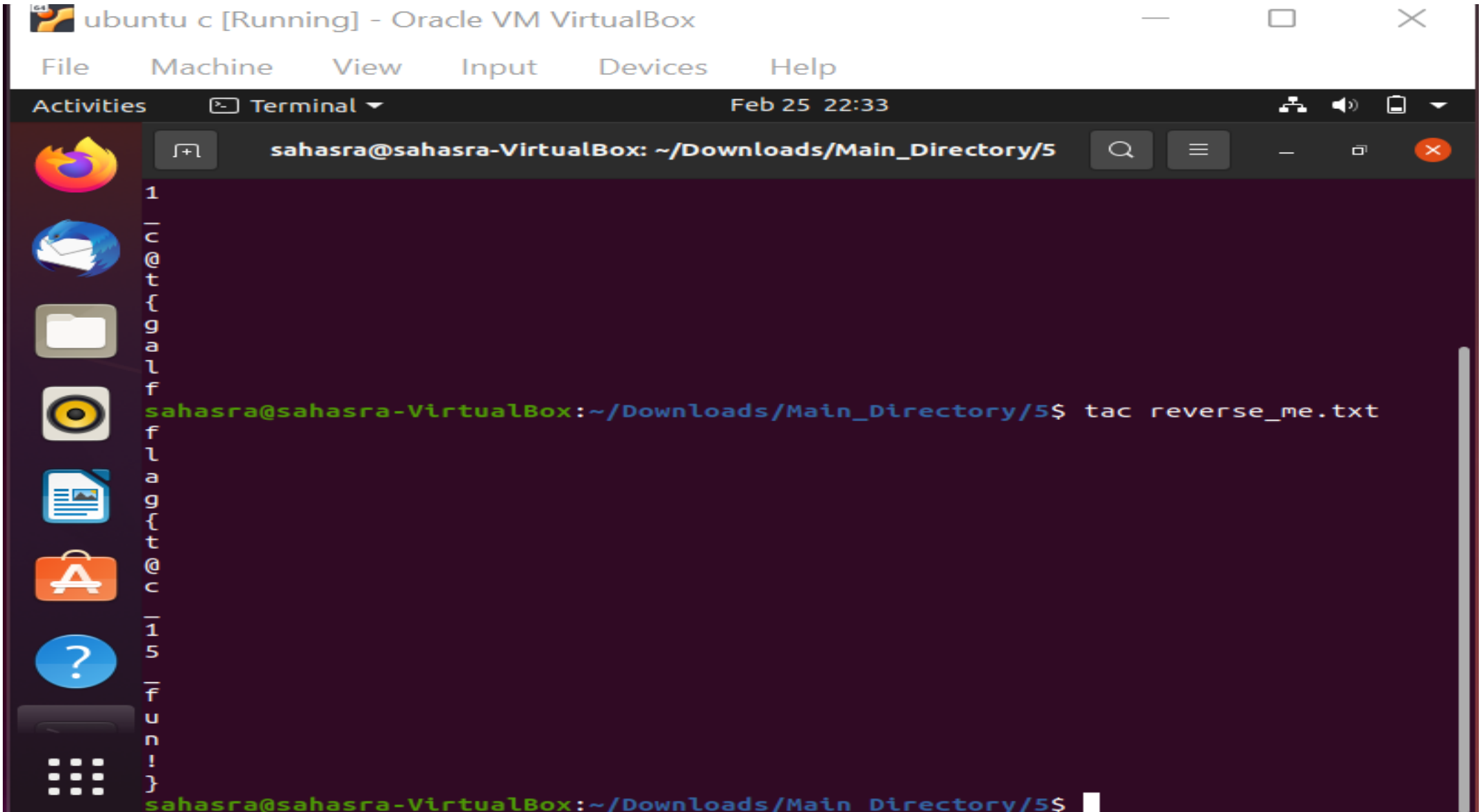
The screenshot shows a terminal window titled "ubuntu c [Running] - Oracle VM VirtualBox". The terminal output is as follows:

```
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/1
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

sahasra@sahasra-VirtualBox:~$ cd Downloads/Main_Directory
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ cd 1
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag zipped_flag.zip
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag  zipped_flag.zip
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1$
```

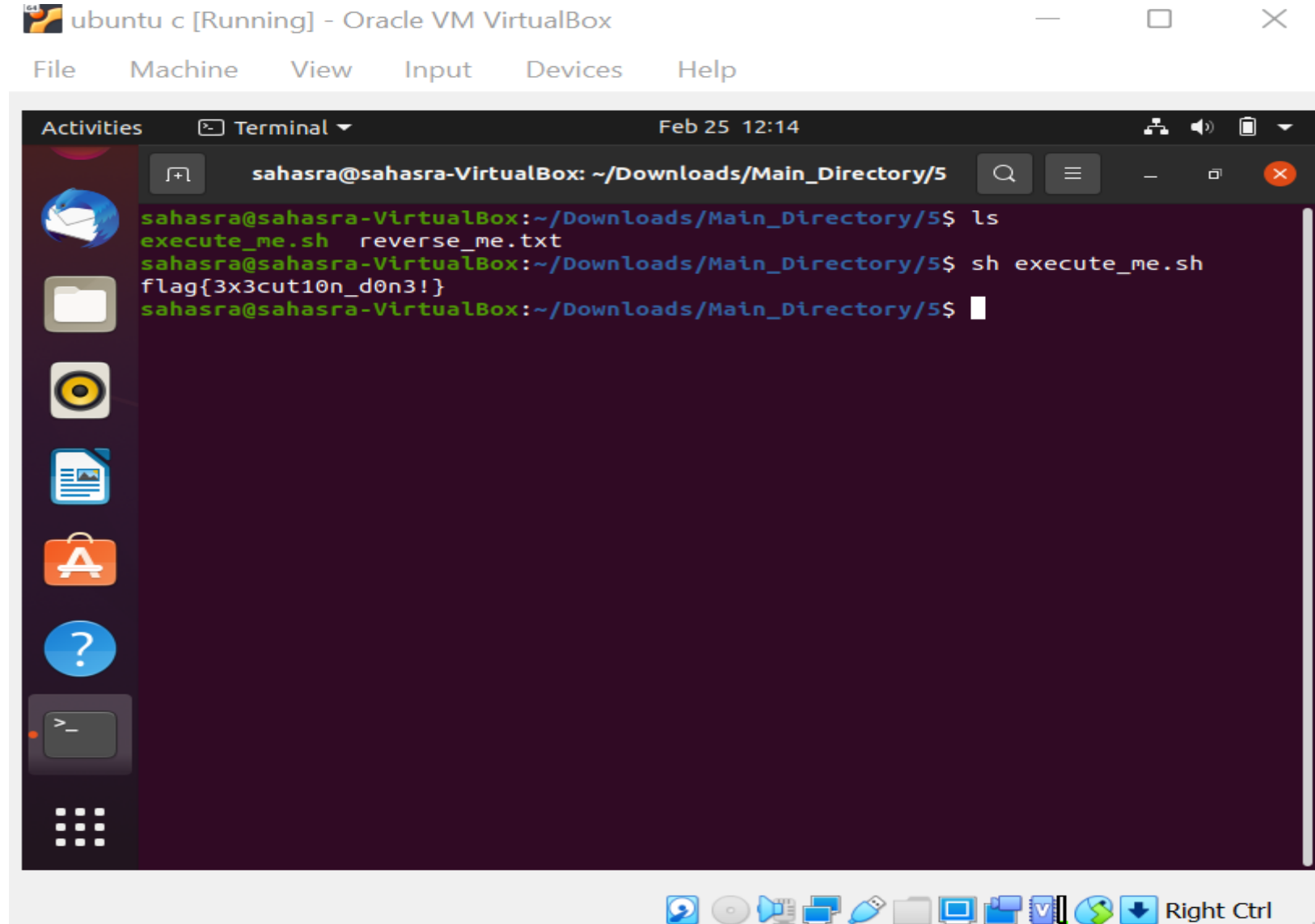

Flag 6:flag{t@c_15_fun!}

Found the flag in 5th directory reverse_me file using the “tac command”



Flag 7:flag{3x3cuti0n_d0n3!}

Found the flag in '5' directory using the command "sh"



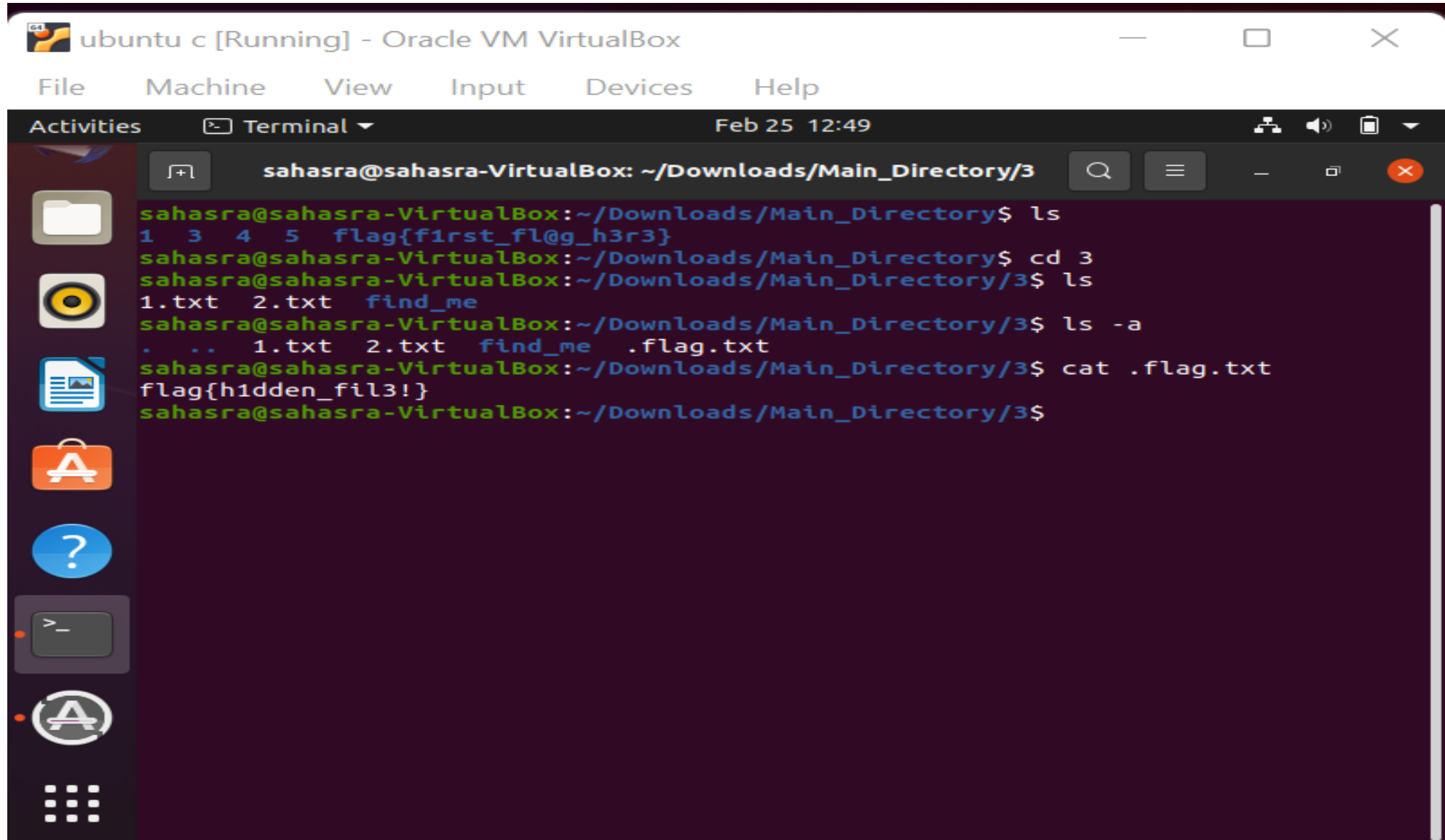
The screenshot shows a terminal window titled "ubuntu c [Running] - Oracle VM VirtualBox". The terminal is running on a system named "sahasra@sahasra-VirtualBox" in the directory "~/Downloads/Main_Directory/5". The user has executed the following commands:

```
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh  reverse_me.txt
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/5$ sh execute_me.sh
flag{3x3cut10n_d0n3!}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/5$
```

The terminal output shows the flag "flag{3x3cut10n_d0n3!}" being printed. The terminal window is part of a desktop environment with a sidebar on the left containing icons for various applications and a taskbar at the bottom with system icons and a "Right Ctrl" button.

Flag 8:flag{h1dden_fil3!}

Found it in '3' directory as a hidden file '.flag.txt' using "ls -a and cat" command

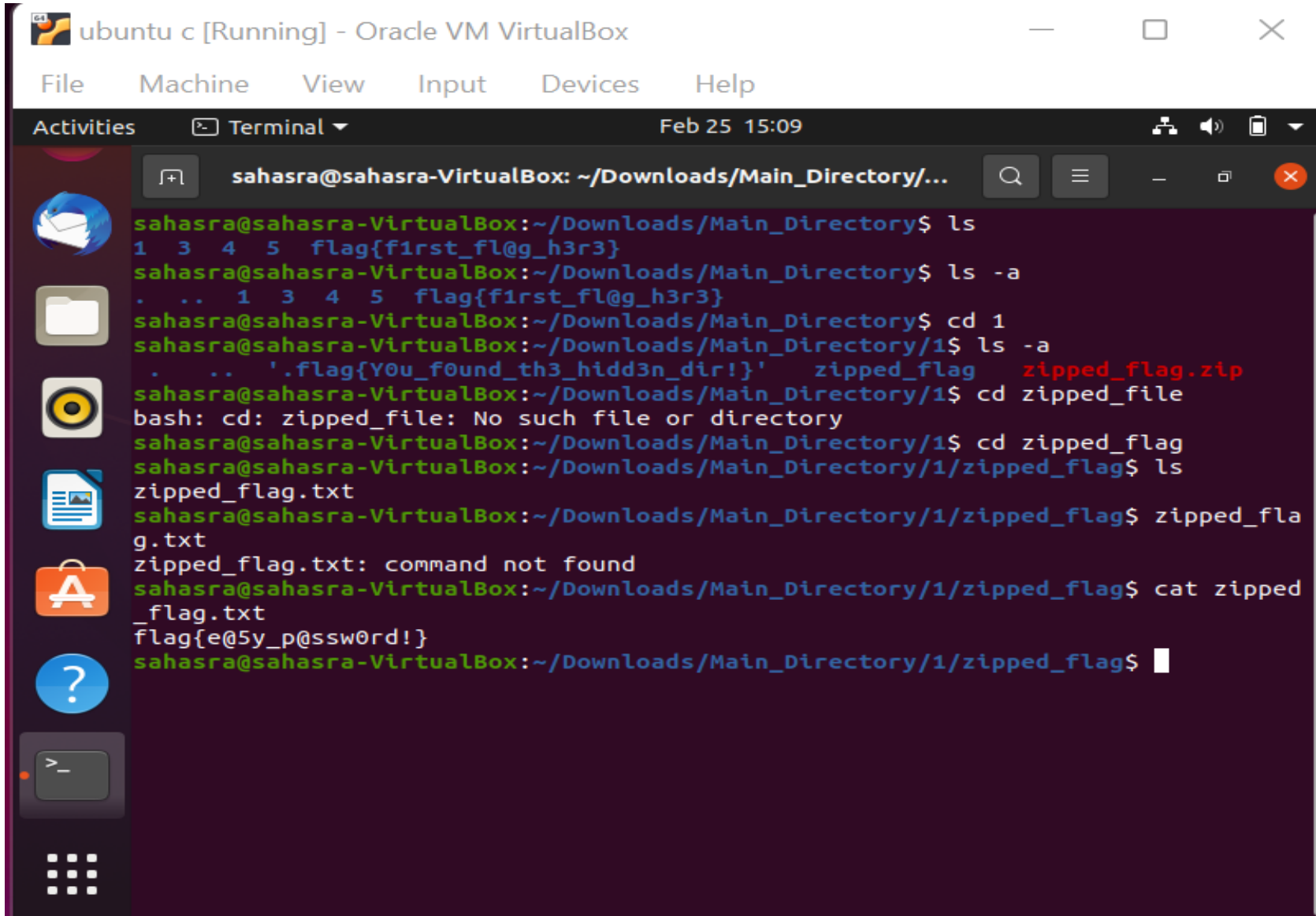


The screenshot shows a terminal window titled "ubuntu c [Running] - Oracle VM VirtualBox". The terminal output is as follows:

```
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/3
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ cd 3
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3$ ls -a
. .. 1.txt 2.txt find_me .flag.txt
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{h1dden_fil3!}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/3$
```

Flag 9:flag{e@5y_p2ssw0rd!}

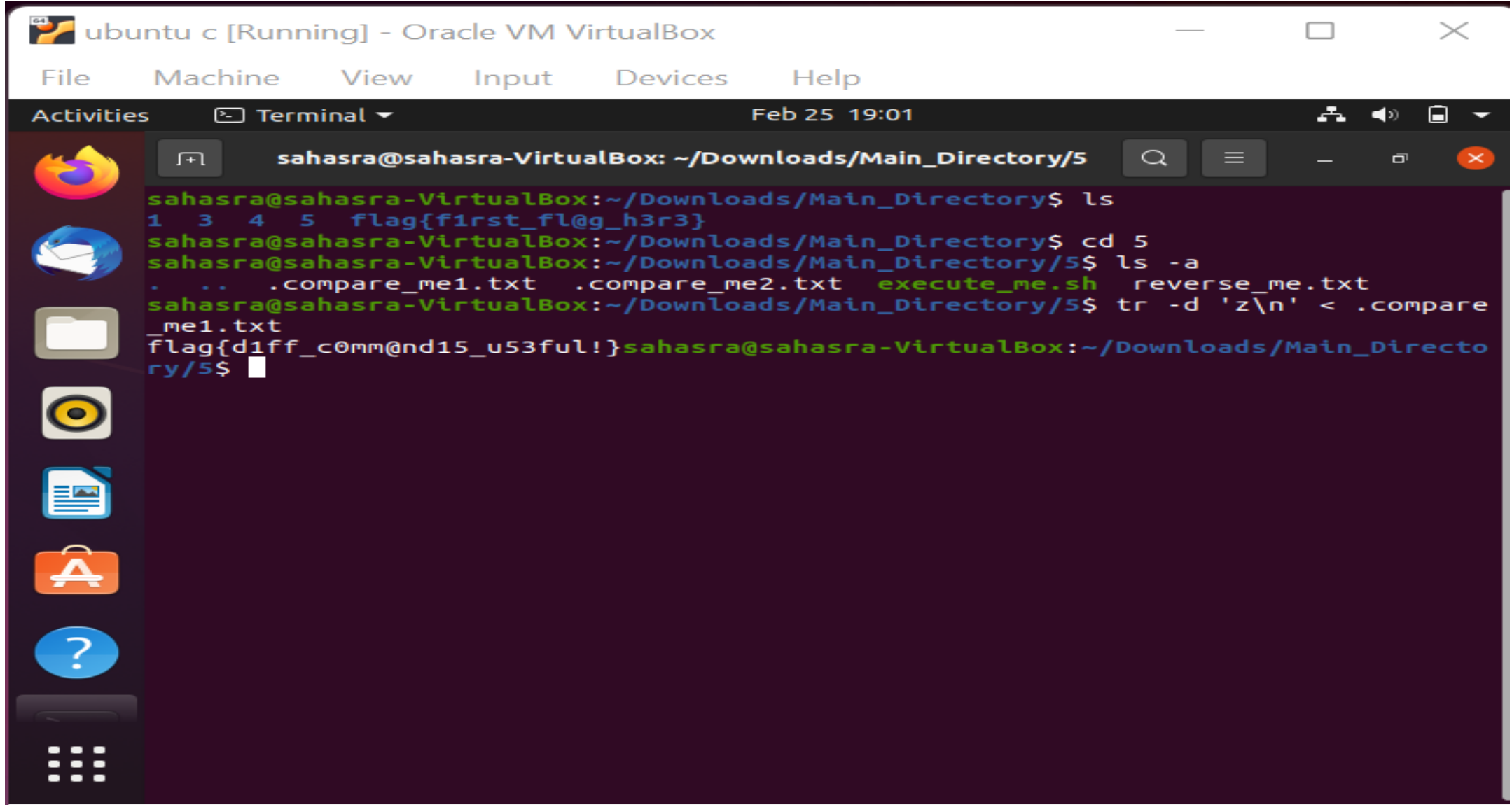
Found the flag in a zipped file from '1' directory by using 'cat command'



```
ubuntu c [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 25 15:09
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/...
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ ls -a
. .. 1 3 4 5 flag{first_fl@g_h3r3}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ cd 1
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1$ ls -a
. .. '.flag{Y0u_f0und_th3_hidd3n_dir!}' zipped_flag zipped_flag.zip
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_file
bash: cd: zipped_file: No such file or directory
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_flag
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ zipped_fla
g.txt
zipped_flag.txt: command not found
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped
_flag.txt
flag{e@5y_p@ssw0rd!}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$
```

Flag 10:flag{diff_c0mm@nd_u53ful!}

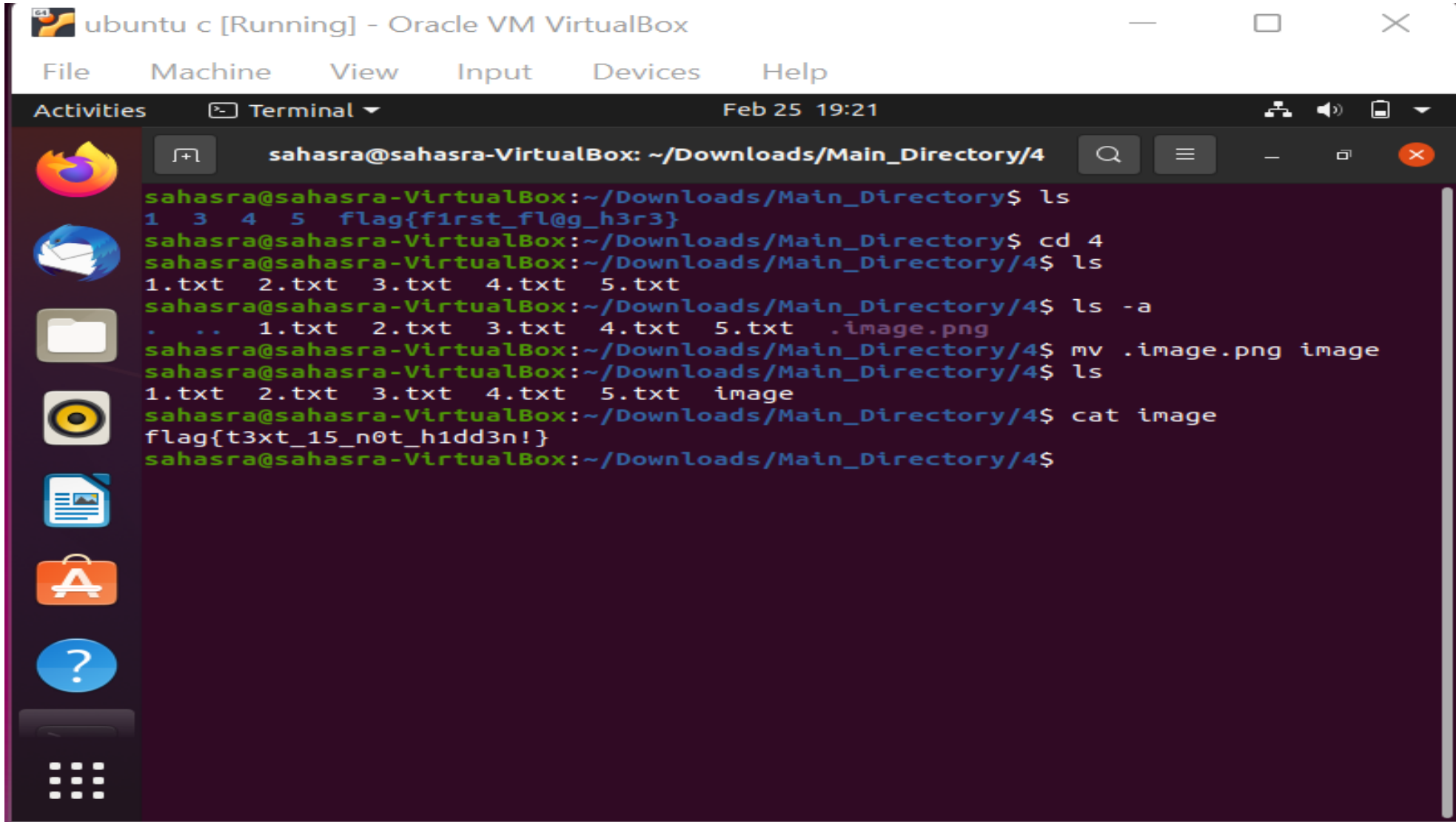
Found the flag in hidden files by using 'tr' command



```
ubuntu c [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 25 19:01
sahasra@sahasra-VirtualBox: ~/Downloads/Main_Directory/5
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ cd 5
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/5$ ls -a
. . .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/5$ tr -d 'z\n' < .compare
_me1.txt
flag{diff_c0mm@nd15_u53ful!}sahasra@sahasra-VirtualBox:~/Downloads/Main_Directo
ry/5$
```

Flag 11:flag{t3xt_15_n0t_hidd3n}

Found the flag in '4' directory hidden files> and converted png file



The screenshot shows a terminal window titled "ubuntu c [Running] - Oracle VM VirtualBox". The terminal is running on a system named "sahasra@sahasra-VirtualBox" with the current directory set to "~/Downloads/Main_Directory/4". The user performs the following commands:

```
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{f1rst_fl@g_h3r3}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory$ cd 4
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/4$ ls -a
. . 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/4$ mv .image.png image
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt image
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/4$ cat image
flag{t3xt_15_n0t_h1dd3n!}
sahasra@sahasra-VirtualBox:~/Downloads/Main_Directory/4$
```

The terminal output shows the discovery of a flag in the '4' directory. The flag is found in a hidden file named '.image.png', which is renamed to 'image'. The flag is then displayed using the 'cat' command.