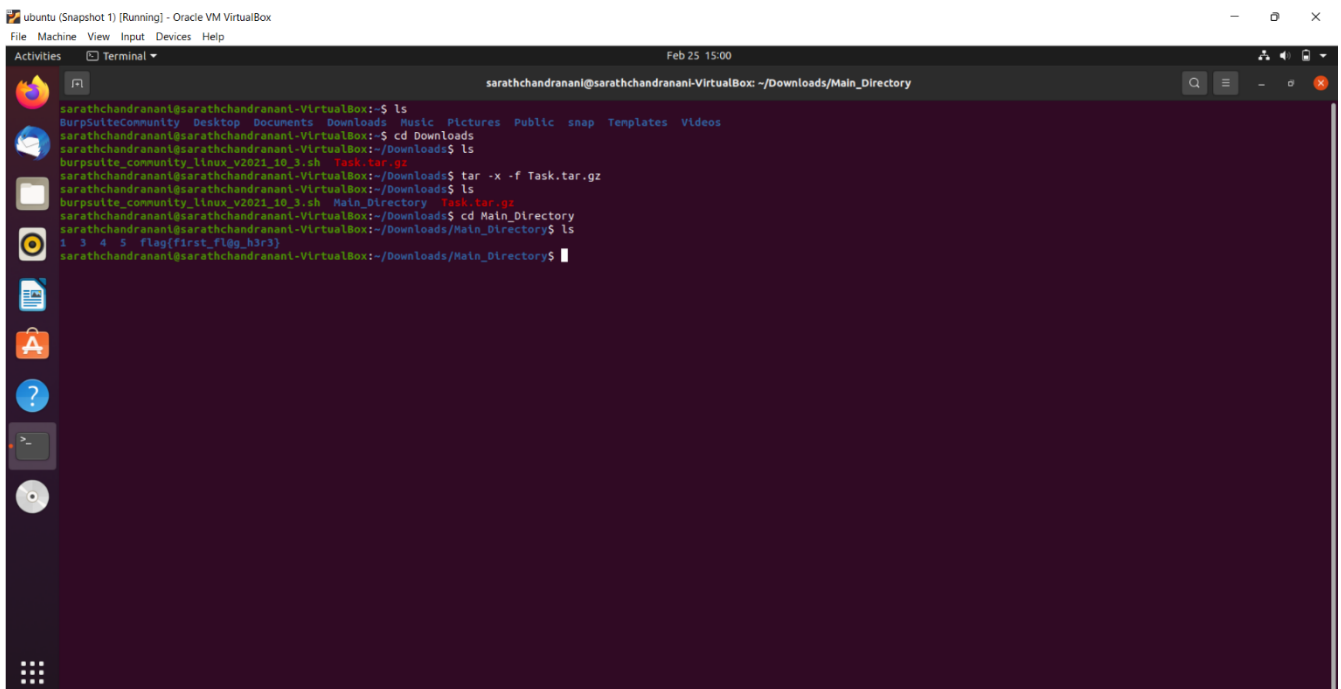


Cognizance_TASK_5

Part-A: Finding flags:

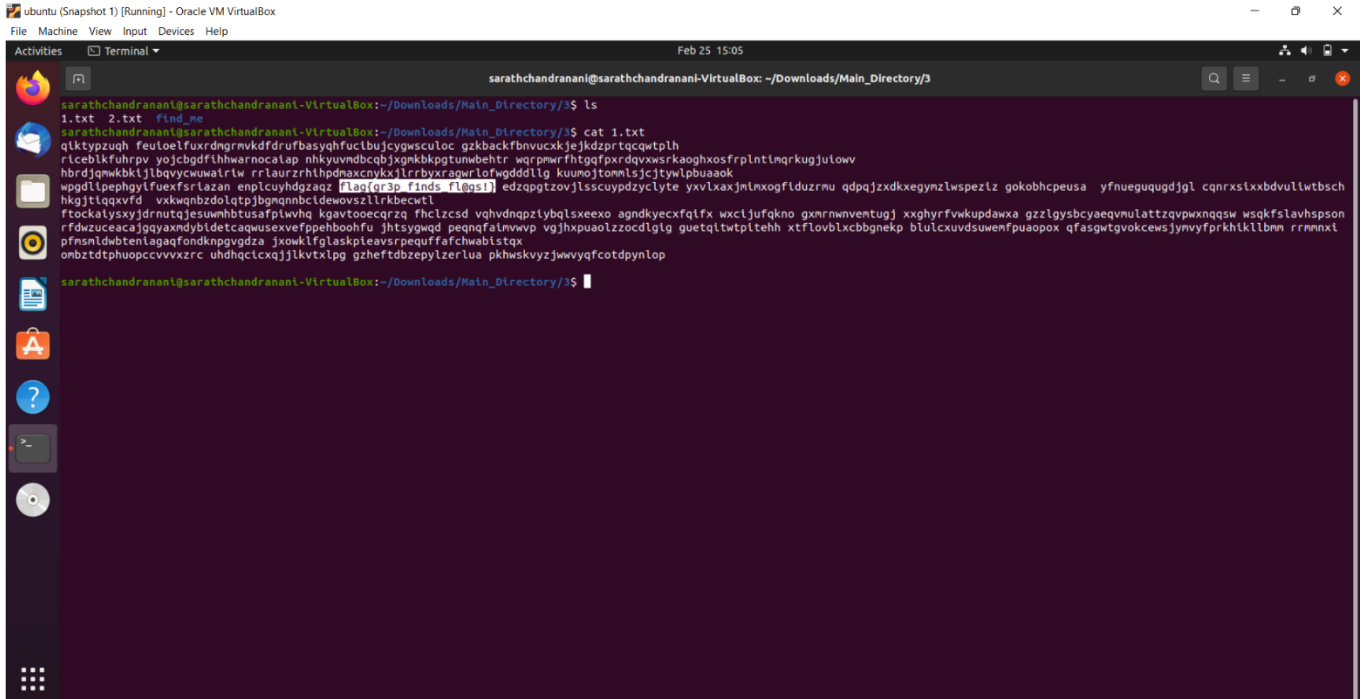
- 1) *1st flag found in Task.tar.gz file in “Main_Directory” by using tar -x -f and ls command.*



```
ubuntu (Snapshot 1) [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Feb 25 15:00
sarthchandranani@sarthchandranani-VirtualBox: ~/Downloads/Main_Directory
Activities Terminal
sarthchandranani@sarthchandranani-VirtualBox:~$ ls
BurpSuiteCommunity Desktop Documents Downloads Music Pictures Public snap Templates Videos
sarthchandranani@sarthchandranani-VirtualBox:~$ cd Downloads
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads$ ls
burpsuite_community_linux_v2021_10_3.sh Task.tar.gz
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads$ ls
burpsuite_community_linux_v2021_10_3.sh Main_Directory Task.tar.gz
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads$ cd Main_Directory
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads/Main_Directory$
```

1st Flag : flag{f1rst_fl@g_h3r3}

2) 2nd Flag found in Main_directory which contains “3” directory by using cat command.



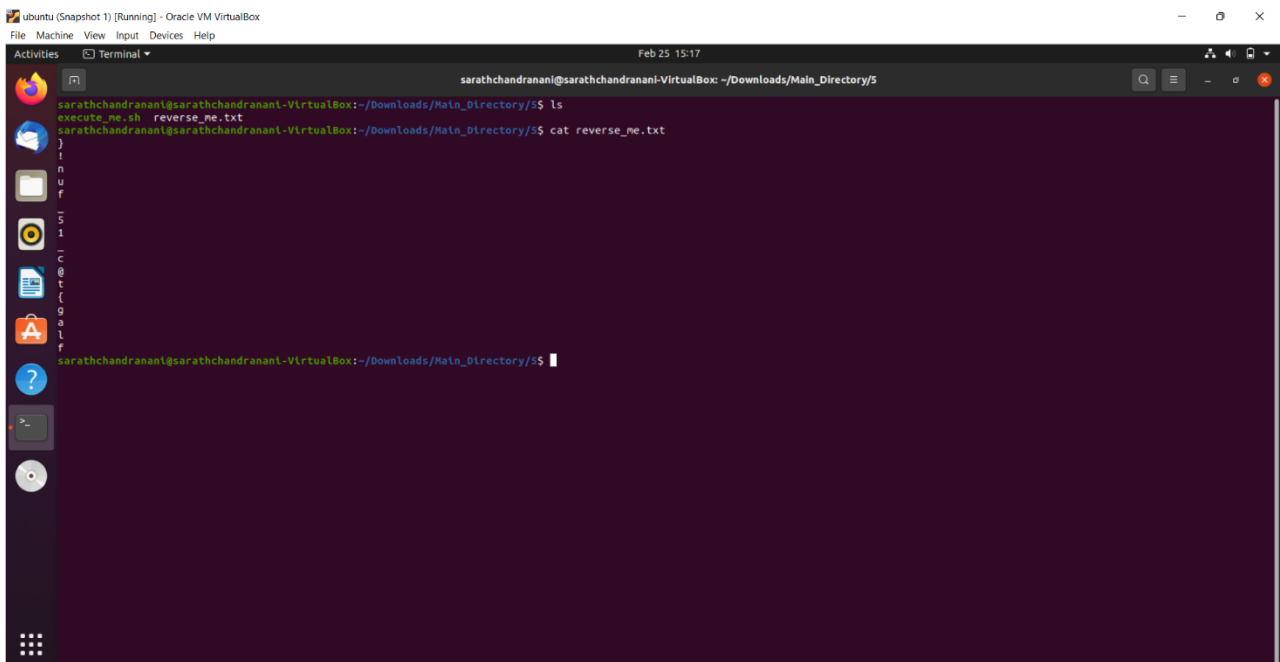
```
ubuntu (Snapshot 1) [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal Feb 25 15:05
sarthchandranani@sarthchandranani-VirtualBox: ~/Downloads/Main_Directory/3
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qktybzuh feuloelfuxrdnrmvkdfrufbasyqhfucibujcygwsuloc qzkbckfbnvucxkfejkdzprtqcqwtplh
riceblkfuhprv yojcbgdfihhwnocalap nhkyuvmdbcbqbjxgmbkpgtunwbehtr wqrmwrfhtgqfpxrdqvxwskrkaoghsosfrplntinqrkugjulov
hbrdjqmwbkijlbqvycuwairw rrlaurzrhthpdxncnykxllrrbyxragwrlfwgdddlg kuunojtomnlsjcjtywlpuaaok
wpgdllephgytfeuxfsrlazan enpicuyhdgzaqz flag{gr3p_f1nds_fl@g8!} edzqpgtzovjlsscuydpdzcyte yxvlxaxjmlxogfiduzrnu qdpqjzdxkxegynzlwspziz gokobhceusa yfnueququgdjgl cqnrxslixdbvullwtbsch
hkgjltqqvfd vxkqnbzdotlqtpjbgqmbcidewovsllrkbecell
ftockatysxyjdrnutejesummbtusaafiwqh kgavtooeqrzq fhclzcsd vghvudnqpiyblsxeexo agndkyecxfqf xxcijufakno gxmnmwventugj xxghyrfwvkupdawxa gzzlgysbcyaevmmlattizqvwxnqqsw wsaqfslavhspson
rfdwzuceacajggyaxndybidetcaqusexvefppehboohfu jhtsygwad peqnaqainwvpg vghxpuaoilzocdlgig guetqltwtptehh xtflovblxcbbgnekp blulcxuvsuwnenfuaopox qfasgwtgvokcewsjymvyfprkhlklbnn rrrmmnxi
pfnslndbtenlagaqfondknpgvgdza jxowlfglaskpieavsrpequffafchwabistqx
onbzttdphuopccvxxzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylerlua pkhwskvyzjwvyqfctdpynlop
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads/Main_Directory/3$
```

2nd Flag : flag{gr3p_f1nds_fl@g8!}

3) 3rd flag found in “find_me” directory by using cd , cat , and ls commands.

4th Flag : flag{m3ow_m3ow_cat!}

5) 5th flag found in reverse_me.txt file in “5” directory by using cat command.

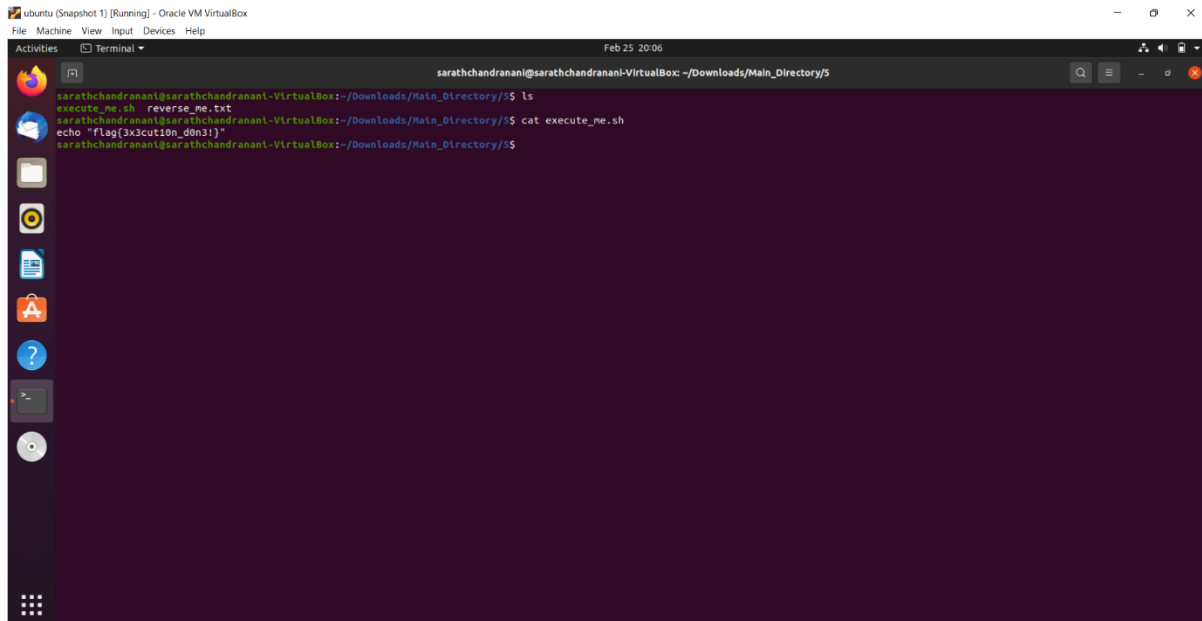


The screenshot shows a terminal window titled "Terminal" with the following content:

```
sarathchandranani@sarathchandranani-VirtualBox: ~/Downloads/Main_Directory/5  
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/5$ ls  
execute_me.sh reverse_me.txt  
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt  
}  
1  
n  
u  
f  
-  
5  
1  
-  
c  
@  
t  
(  
g  
a  
l  
f  
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/5$
```

5th Flag : flag{t@c_15_fun!}

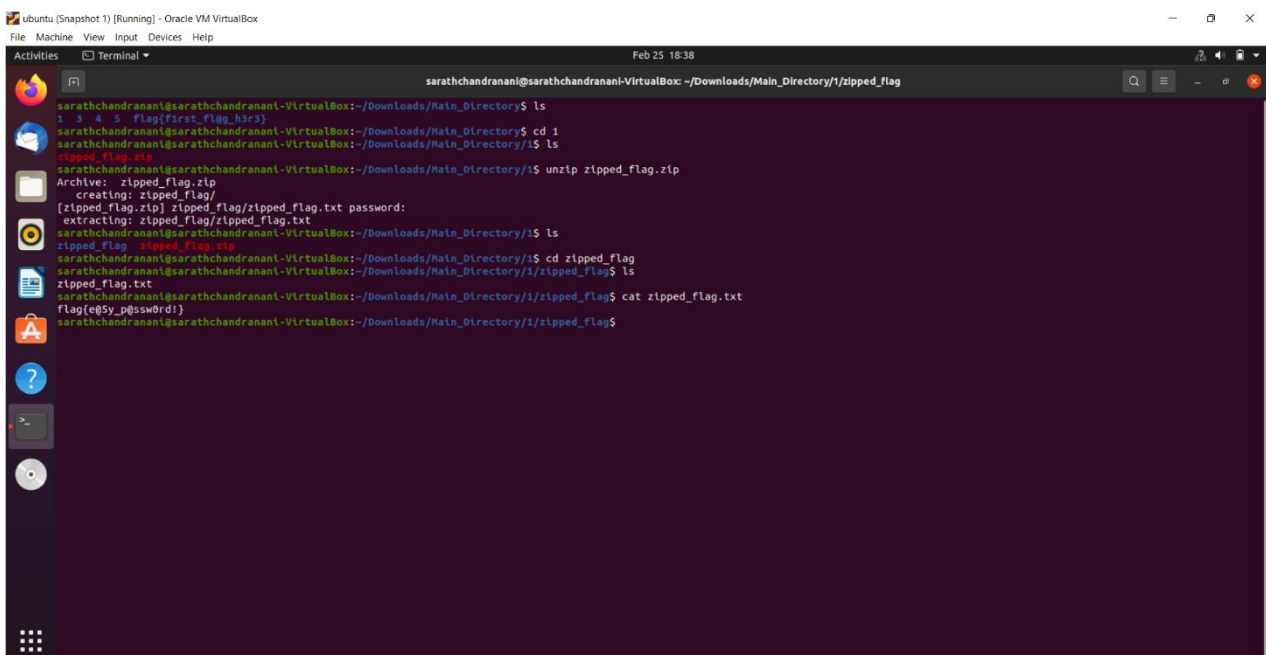
6th flag found in execute_me.sh file in “5” directory by using cat command.



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

6th Flag : flag{3x3cut10n_d0n3!}

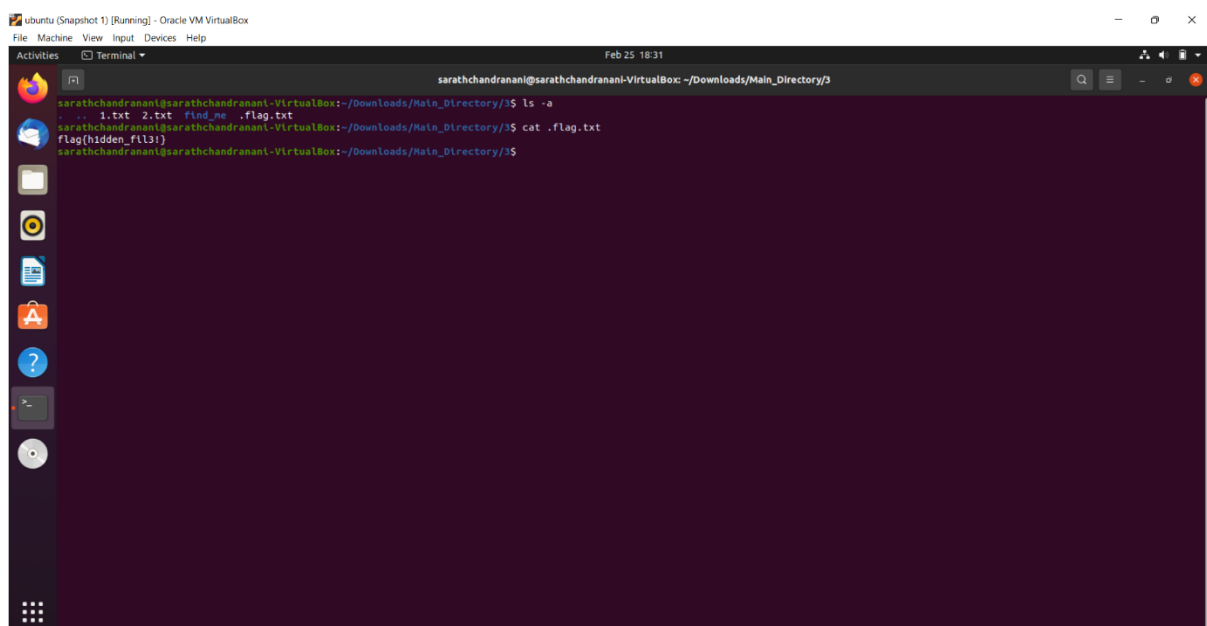
7) 7th flag found in Zipped_flag.zip file in "1" directory by using unzip , cd , and cat commands.



```
sarathchandranani@sarathchandranani-VirtualBox: ~/Downloads/Main_Directory/1/zipped_flag
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1$ ls
1 3 4 5 flag(first_flag_h4rs)
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1$ cd 1
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
sarathchandranani@sarathchandranani-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
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_flag
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{q5y_p0ssw0rd!}
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$
```

7th Flag : flag{e@5y_p@ssw0rd!}

8) 8th flag found in .flag.txt hidden file in “3” directory by using ls -a , and cat commands.



The screenshot shows a terminal window titled "Ubuntu (Snapshot 1) [Running] - Oracle VM VirtualBox". The terminal output is as follows:

```
sarathchandranani@sarathchandranani-VirtualBox: ~/Downloads/Main_Directory/3
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/3$ ls -a
. 1.txt 2.txt find_me .flag.txt
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_fil3!}
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/3$
```

8th Flag : flag{h1dden_fil3!}

9) 9th file found in .image.png hidden image file “4” directory by using ls -a , and cat commands.

```
ubuntu (Snapshot 1) [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Feb 25 18:30
sarathchandranani@sarathchandranani-VirtualBox: ~/Downloads/Main_Directory/4
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_h3r3}
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory$ cd 4
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/4$ ls -a
. . . 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/4$ cat .image.png
cat: .image.png: No such file or directory
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/4$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/4$ ^C
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/4$
```

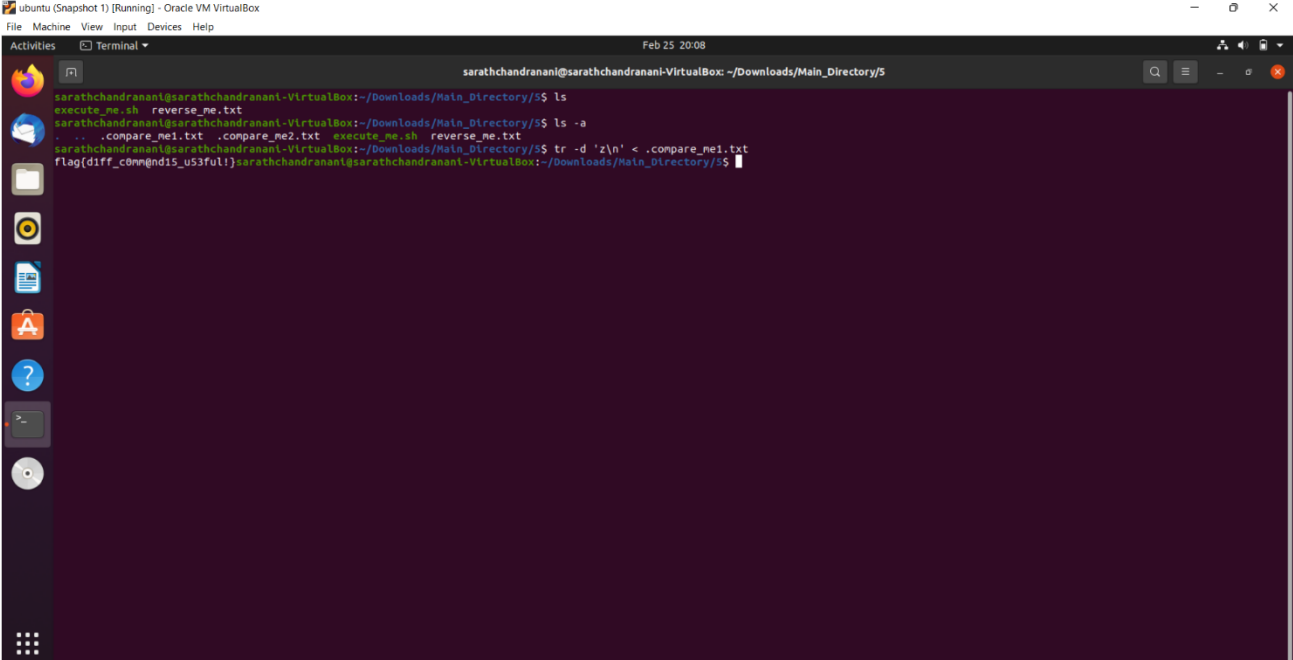
9th Flag : flag{t3xt_15_n0t_h1dd3n!}

10) 10th flag found in “1” directory as hidden one by using ls -a command.

```
ubuntu (Snapshot 1) [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Feb 25 18:40
sarathchandranani@sarathchandranani-VirtualBox: ~/Downloads/Main_Directory/1
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{first_flag_h3r3}
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory$ cd 1
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag zipped_flag.zip
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1$ ls -a
. . . flag{10th_hidden_flag} .fr-ne7V7H .fr-ZpC1YD zipped_flag zipped_flag.zip
sarathchandranani@sarathchandranani-VirtualBox:~/Downloads/Main_Directory/1$
```

10th Flag :
flag{Y0u_f0und_th3_hidd3n_dir!}

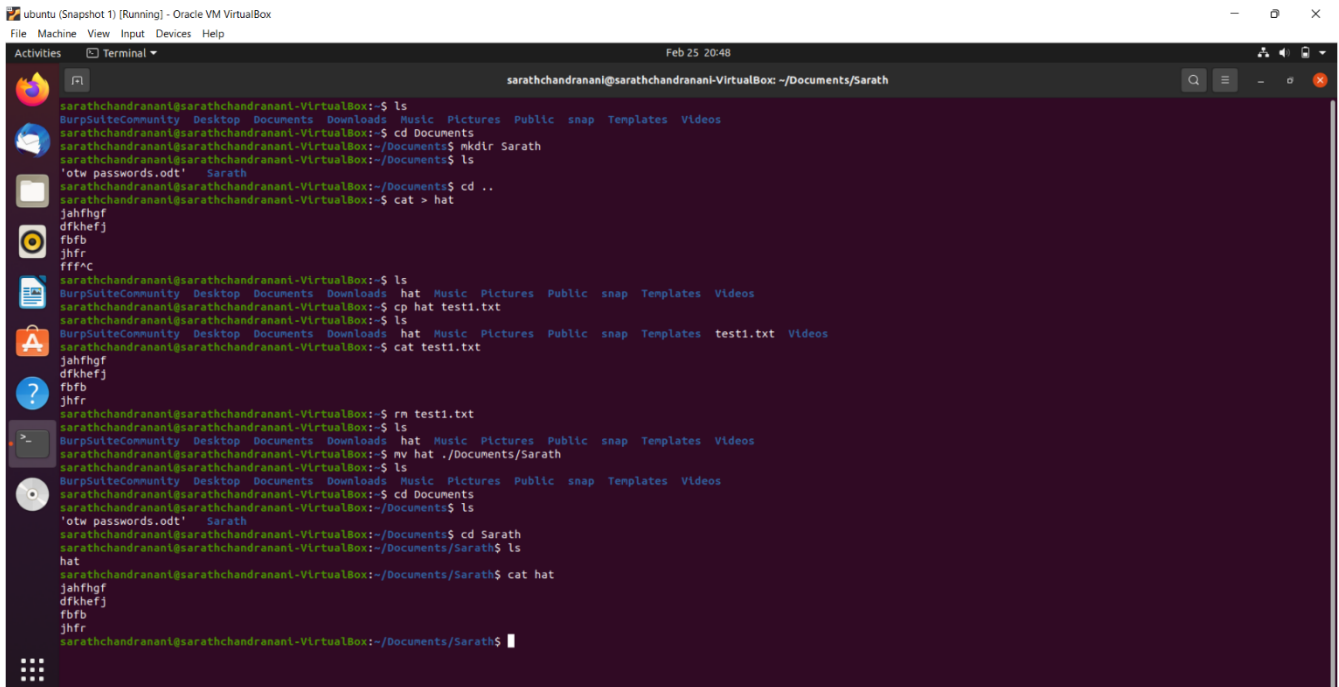
**11) 11th flag found in .compare_me1.txt
hidden file in “5” directory by
using `tr -d 'z\n' < command`.**



```
ubuntu (Snapshot 1) [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities Terminal
Feb 25 20:08
sarthchandranani@sarthchandranani-VirtualBox: ~/Downloads/Main_Directory/5
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh reverse_me.txt
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads/Main_Directory/5$ ls -la
... .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt
sarthchandranani@sarthchandranani-VirtualBox:~/Downloads/Main_Directory/5$ tr -d 'z\n' < .compare_me1.txt
flag{diff_c0mm@nd15_u53ful!}sarthchandranani@sarthchandranani-VirtualBox:~/Downloads/Main_Directory/5$
```

11th Flag :
flag{d1ff_c0mm@nd15_u53ful!}

Mkdir , cp , mv . rm commands



```
sarathchandra@sarathchandra-VirtualBox:~$ ls
BurpSuiteCommunity Desktop Documents Downloads Music Pictures Public snap Templates Videos
sarathchandra@sarathchandra-VirtualBox:~$ cd Documents
sarathchandra@sarathchandra-VirtualBox:~/Documents$ mkdir Sarath
sarathchandra@sarathchandra-VirtualBox:~/Documents$ ls
'otw passwords.odt' Sarath
sarathchandra@sarathchandra-VirtualBox:~/Documents$ cd ..
sarathchandra@sarathchandra-VirtualBox:~$ cat > hat
jahfhgf
dfkhfj
fbfb
jhfr
ffffc
sarathchandra@sarathchandra-VirtualBox:~$ ls
BurpSuiteCommunity Desktop Documents Downloads hat Music Pictures Public snap Templates Videos
sarathchandra@sarathchandra-VirtualBox:~$ cp hat test1.txt
sarathchandra@sarathchandra-VirtualBox:~$ ls
BurpSuiteCommunity Desktop Documents Downloads hat Music Pictures Public snap Templates test1.txt Videos
sarathchandra@sarathchandra-VirtualBox:~$ cat test1.txt
jahfhgf
dfkhfj
fbfb
jhfr
sarathchandra@sarathchandra-VirtualBox:~$ rm test1.txt
sarathchandra@sarathchandra-VirtualBox:~$ ls
BurpSuiteCommunity Desktop Documents Downloads hat Music Pictures Public snap Templates Videos
sarathchandra@sarathchandra-VirtualBox:~$ mv hat ./Documents/Sarath
sarathchandra@sarathchandra-VirtualBox:~$ ls
BurpSuiteCommunity Desktop Documents Downloads Music Pictures Public snap Templates Videos
sarathchandra@sarathchandra-VirtualBox:~$ cd Documents
sarathchandra@sarathchandra-VirtualBox:~/Documents$ ls
'otw passwords.odt' Sarath
sarathchandra@sarathchandra-VirtualBox:~/Documents$ cd Sarath
sarathchandra@sarathchandra-VirtualBox:~/Documents/Sarath$ ls
hat
sarathchandra@sarathchandra-VirtualBox:~/Documents/Sarath$ cat hat
jahfhgf
dfkhfj
fbfb
jhfr
sarathchandra@sarathchandra-VirtualBox:~/Documents/Sarath$
```

Part-B: answers:-

- 1) Printf 'Sarathchandra\n%.0s'
{1..25}*
- 2) head -n 30 /var/log/syslog*
- 3) tail -n 30 /var/log/syslog*
- 4) I) Alphabetically - sort file.txt*
II) Reverse order - sort -r file.txt
III) Numerical order - sort -n file.txt
- 5) Sort -u file*
- 6) Read , write , delete , and execute.*