

TASK 5

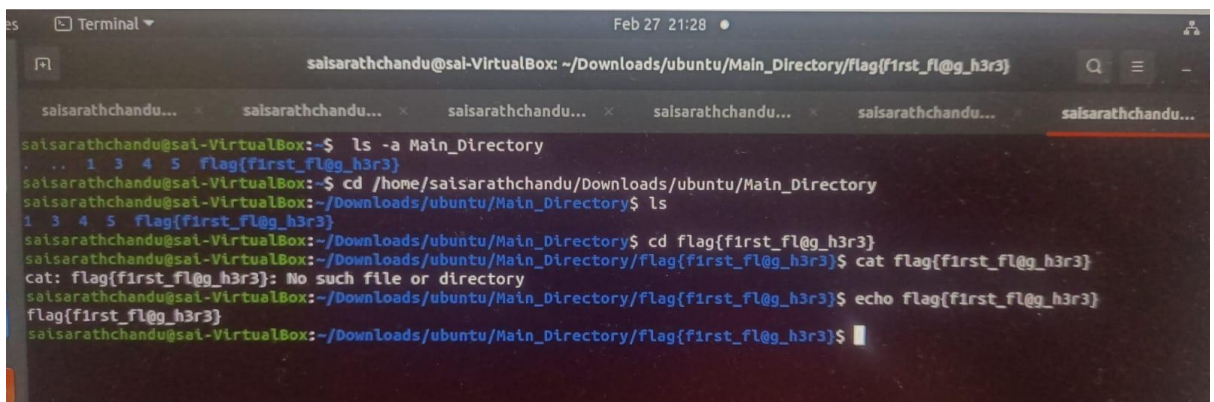
Part 1 K. Sai Sarath chandu , 21157

1) Extracting the file



```
saisarathchandu@sai-VirtualBox:~$ tar -xvzf Task.tar.gz
Main_Directory/
Main_Directory/flag{first_fl@g_h3r3}/
Main_Directory/3/
Main_Directory/3/1.txt
Main_Directory/3/.flag.txt
Main_Directory/3/find_me/
Main_Directory/3/find_me/1/
Main_Directory/3/find_me/1/2/
Main_Directory/3/find_me/1/2/3/
Main_Directory/3/find_me/1/2/3/4/
Main_Directory/3/find_me/1/2/3/4/password_for_zip.txt
Main_Directory/3/find_me/1/2/3/4/5/
Main_Directory/3/find_me/1/2/3/4/5/6/
Main_Directory/3/find_me/1/2/3/4/5/6/7/
Main_Directory/3/find_me/1/2/3/4/5/6/7/8/
Main_Directory/3/find_me/1/2/3/4/5/6/7/8/flag.txt.txt
Main_Directory/3/2.txt
Main_Directory/4/
Main_Directory/4/1.txt
Main_Directory/4/4.txt
Main_Directory/4/3.txt
Main_Directory/4/.image.png
Main_Directory/4/2.txt
Main_Directory/4/5.txt
Main_Directory/5/
Main_Directory/5/execute_me.sh
Main_Directory/5/reverse_me.txt
Main_Directory/5/.compare_me2.txt
Main_Directory/5/.compare_me1.txt
Main_Directory/1/
Main_Directory/1/.flag{You_foound_th3_hidd3n_dir!}/
Main_Directory/1/zipped_flag.zip
```

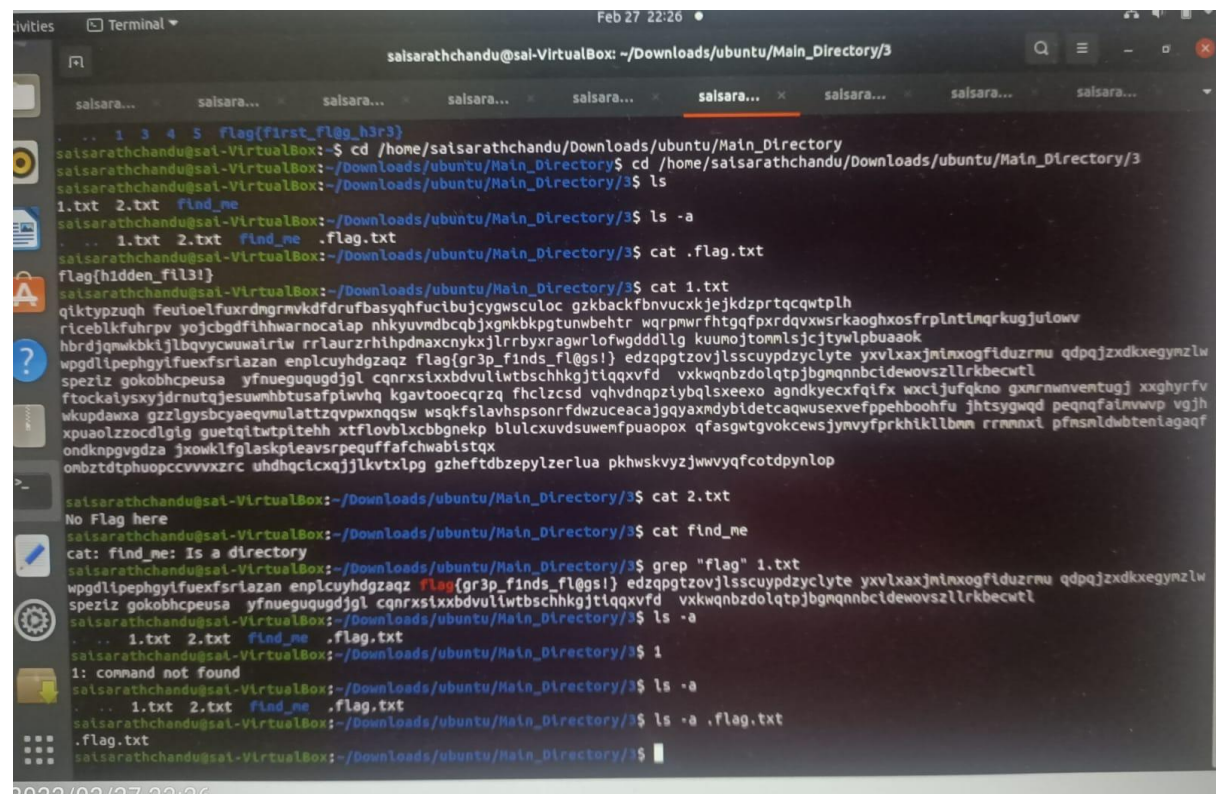
2)Flag 1 :



```
saisarathchandu@sai-VirtualBox:~$ ls -la Main_Directory
total 12
drwxr-xr-x 3 saisarathchandu saisarathchandu 4096 Feb 27 21:28
-rw-r--r-- 1 saisarathchandu saisarathchandu  114 Feb 27 21:28 flag{first_fl@g_h3r3}

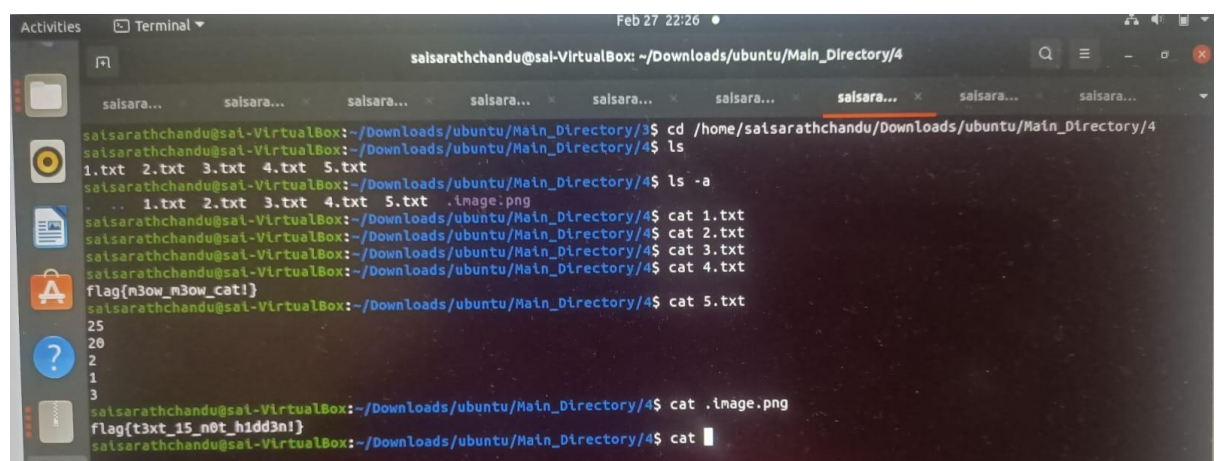
saisarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory$ cd flag{first_fl@g_h3r3}
saisarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/flag{first_fl@g_h3r3}$ cat flag{first_fl@g_h3r3}
cat: flag{first_fl@g_h3r3}: No such file or directory
saisarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/flag{first_fl@g_h3r3}$ echo flag{first_fl@g_h3r3}
flag{first_fl@g_h3r3}
saisarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/flag{first_fl@g_h3r3}$
```

2) flag 2, flag 3, flag 4 (Main directory/3/flag.txt/1.txt/grep "flag" 1.txt)

A terminal window titled 'salsarathchandu@sal-VirtualBox: ~/Downloads/ubuntu/Main_Directory/3'. The user navigates to the directory and lists files: '1.txt 2.txt find_me'. They then use 'cat .flag.txt' to reveal a hint: 'flag{hidden_fill3!}'. Next, they view '1.txt', which contains a large block of base64-encoded text. They then view '2.txt', which says 'No Flag here'. Finally, they run 'cat find_me', which shows it's a directory. They then use 'grep "flag" 1.txt' to find a flag within the base64 text: 'flag{gr3p_finds_fl@gs!}'.

```
salsarathchandu@sal-VirtualBox: ~/Downloads/ubuntu/Main_Directory/3
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ cd /home/salsarathchandu/Downloads/ubuntu/Main_Directory/3
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ ls
1.txt 2.txt find_me
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ ls -a
. 1.txt 2.txt find_me .flag.txt
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ cat .flag.txt
flag{hidden_fill3!}
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ cat 1.txt
q1ktpyzuqh feuloelfuxrdmrgmkdfdrufbasyqhfucibujcygwsuloc gzbackfbnvucxkjejkdzprtqcqwtplh
riceblkfuhprv yojcbgdfihhwarnocaiap nhkyuvmdbcbqbjxgnkbkpgtunwbeht wrqpmwrfhtgqfpxrdqvxwsrkaoghxosfrplntinqrkugjuloawv
hbrdjgmwkbkijlbqvyvycuwairw rrlaurzrhdpnmaxcnykxjlrrbyxragwrlfowgdddlg kuunojtomnlsjcjtywlpbuaaok
wpgdllepghyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuydpdzlyte yxvlxaxjnlxogfiduzrnu qdpqjzxdkxegynzlw
speziz gokobhceusa yfnueguqgdjgl cqnrxsidxbdvuliwtbschhkgjtiqaxvfd vxkwqnbzdlqtpjbgmqqnbcidewovszllrkbecwtl
ftockaiysxyjdrnutqjesummbtusafplwvhq kgavtooeqrzq fhclzcsd vqhvdnqzrybqlsxexo agndkyecxfqifx wxciyufqkno gxmrmnventugj xxghyrfv
wkupdawxa gzzlgybscyaeqvmulattzqvpwxnqqsw wsqkflavhspsonrfdwzuceacajqyaxndybidetcaqmusexvefppehboohfu jhtsygwdq peqnqfainwvvp vgjh
xpuaolzocdlig guetqitwtpitehh xtflovblxcbgnekp blulcxuvdsuwmfpuapox qfaswtgvokcewsjynvyfprkhikllbm rrmnxi pfasmldwbteniagaqf
ondknpvgvdza jxomklfglaskpieavsrpequffafchwbabstqx
onbzttdphuopccvvvxzrc uhdhgicxqjjlkvtlpg gzheftdbzepylerlua pkhwskvzyjwvvyqfctdpynlop
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ cat 2.txt
No Flag here
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ cat find_me
cat: find_me: Is a directory
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ grep "flag" 1.txt
wpgdllepghyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuydpdzlyte yxvlxaxjnlxogfiduzrnu qdpqjzxdkxegynzlw
speziz gokobhceusa yfnueguqgdjgl cqnrxsidxbdvuliwtbschhkgjtiqaxvfd vxkwqnbzdlqtpjbgmqqnbcidewovszllrkbecwtl
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ ls -a
. 1.txt 2.txt find_me .flag.txt
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ 1
1: command not found
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ ls -a
. 1.txt 2.txt find_me .flag.txt
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$ ls -a .flag.txt
.flag.txt
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/3$
```

4) flag 5, flag6 (Main directory/4 / 4.txt / image.png)

A terminal window titled 'salsarathchandu@sal-VirtualBox: ~/Downloads/ubuntu/Main_Directory/4'. The user navigates to the directory and lists files: '1.txt 2.txt 3.txt 4.txt 5.txt'. They then use 'cat 1.txt' through 'cat 4.txt' to view their contents. 'cat 5.txt' reveals a hint: 'flag{m3ow_m3ow_cat!}'. Finally, they run 'cat .image.png', which reveals another hint: 'flag{t3xt_15_n0t_h1dd3n!}'.

```
salsarathchandu@sal-VirtualBox: ~/Downloads/ubuntu/Main_Directory/4
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4$ ls -a
. 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4$ cat 1.txt
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4$ cat 2.txt
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4$ cat 3.txt
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4$ cat 4.txt
flag{m3ow_m3ow_cat!}
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4$ cat 5.txt
25
20
2
1
3
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}
salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4$ cat
```

5) flag7, flag8, flag9, flag10 (Main directory/5 / execute.me.sh / grep compare_me 1.txt / reverseme.txt/ bash execute_me.sh)

Activities Terminal

Feb 27 22:26

salsarathchandu@sal-VirtualBox: ~/Downloads/ubuntu/Main_Directory/5

salsara... salsara... salsara... salsara... salsara... salsara... salsara... salsara... salsara...

salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/4\$ cd /home/salsarathchandu/Downloads/ubuntu/Main_Directory/5

salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/5\$ ls

execute_me.sh reverse_me.txt

salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/5\$ ls -a

... .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt

salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/5\$ cat execute_me.sh

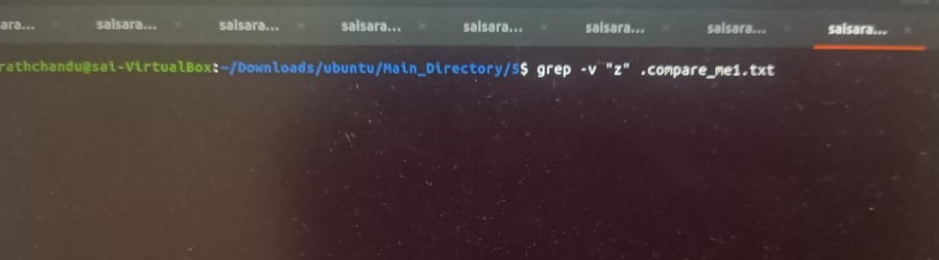
echo "flag{3x3cut10n_d0n3!}"

salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/5\$ cat reverse_me.txt

}
i
n
u
f
5
1
-
c
@
t
{
g
a
l
f

salsarathchandu@sal-VirtualBox:~/Downloads/ubuntu/Main_Directory/5\$ cat .compare_me2.txt

N
Z
N
Z
N
Z
N
Z
N



The screenshot shows a terminal window with the title bar "Activities" and "Feb 27 22:27". The terminal prompt is "salsarathchandu@sai-VirtualBox: ~/Downloads/ubuntu/Main_Directory/5". The command being executed is "grep -v 'z' .compare_me1.txt". The output of the command is displayed on the next line, showing a list of files and directories: "f", "f", "l", "a", "g", "{", "d", "1", "f", "f", "-", "c", "0", "n", "n", "@", "n", "d", "1", "5".


```
Activities Terminal Feb 27 22:27
salsarathchandu@sai-VirtualBox: ~/Downloads/ubuntu/Main_Directory/5
salsara... salsara... salsara... salsara... salsara... salsara... salsara... salsara...
Z
Z
Z
Z
Z
Z
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/5$ tac reverse me.txt
tac: failed to open 'reverse' for reading: No such file or directory
tac: failed to open 'me.txt' for reading: No such file or directory
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/5$ tac reverse_me.txt
f
l
a
g
{
t
e
c
-
i
s
-
f
u
n
!
}
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/5$ ls
execute_me.sh reverse_me.txt
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/5$ bash execute_me.sh
flag{3x3cut10n_d0n3!}
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/5$ cd /home/salsarathchandu/Downloads/ubuntu/Main_Directory/5
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/5$ cd
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/5$ cd /home/salsarathchandu/Downloads/ubuntu/Main_Directory/5
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/5$ ls -a
. .compare_me1.txt .compare_me2.txt execute_me.sh reverse_me.txt
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/5$
```

6) flag 11 (Main_Directory/ 1/ flag{ You-found_th3_hidd3n-dir!})

```
Feb 27 22:28
salsarathchandu@sai-VirtualBox: ~/Downloads/ubuntu/Main_Directory/1/flag{You_found_th3_hidd3n_dir!}

salsara... salsara... salsara... salsara... salsara... salsara... salsara... salsara... salsara...

208T>0D!ipped_flag/zipped_flag.txtUT '00000aux
00g00y B^b0N00E0000Gu
070;0000P>0D!PK

108T
00A000ipped_flag/UT00aux
00PK
208T>0D!00Fzipped_flag/zipped_flag.txtUT'00aux
00PK00salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/1$ cat
.flag{You_found_th3_hidd3n_dir!}
bash: !}: event not found
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/1$ cat '.flag{You_found_th3_hidd3n_dir!}'
cat: '.flag{You_found_th3_hidd3n_dir!}': Is a directory
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/1$ cat flag{You_found_th3_hidd3n_dir!}
bash: !}: event not found
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/1$ cat zipped_flag.zip
PK
108T
zipped_flag/UT 000
00aux
00PK
208T>0D!ipped_flag/zipped_flag.txtUT '00000aux
00g00y B^b0N00E0000Gu
070;0000P>0D!PK

108T
00A000ipped_flag/UT00aux
00PK
208T>0D!00Fzipped_flag/zipped_flag.txtUT'00aux
00PK00salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/1$ ls -
a
.. '.flag{You_found_th3_hidd3n_dir!}' zipped_flag.zip
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/1$ cd '.flag{You_found_th3_hidd3n_dir!}'
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/1/.flag{You_found_th3_hidd3n_dir!}$ echo '.flag{You_found_th3_hidd3n_dir!}'
.flag{You_found_th3_hidd3n_dir!}
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/1/.flag{You_found_th3_hidd3n_dir!}$ ls -a zipped_flag.zip
ls: cannot access 'zipped_flag.zip': No such file or directory
salsarathchandu@sai-VirtualBox:~/Downloads/ubuntu/Main_Directory/1/.flag{You_found_th3_hidd3n_dir!}$
```