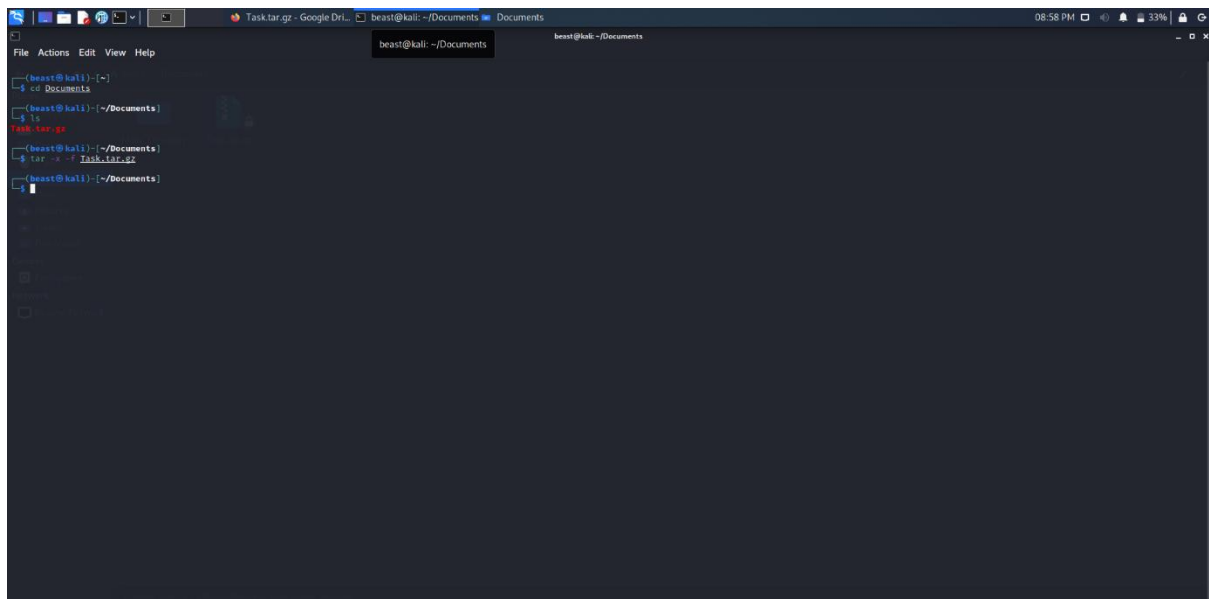


TASK-5

Name: Aravind.M

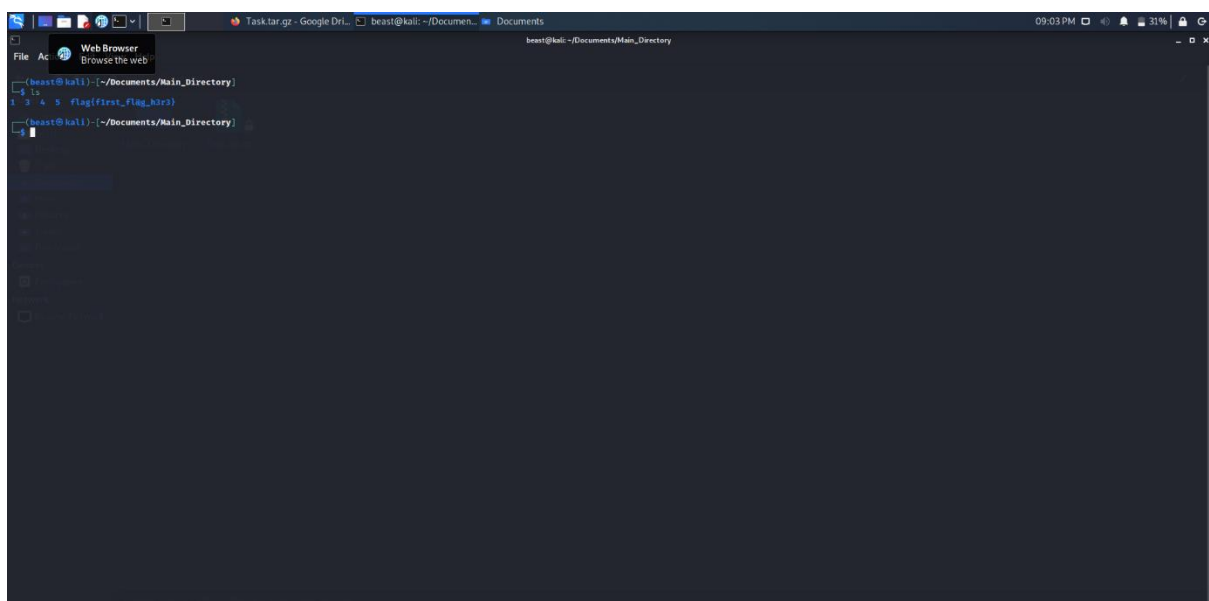
Roll No: CH.EN.U4CYS21006

PART-1



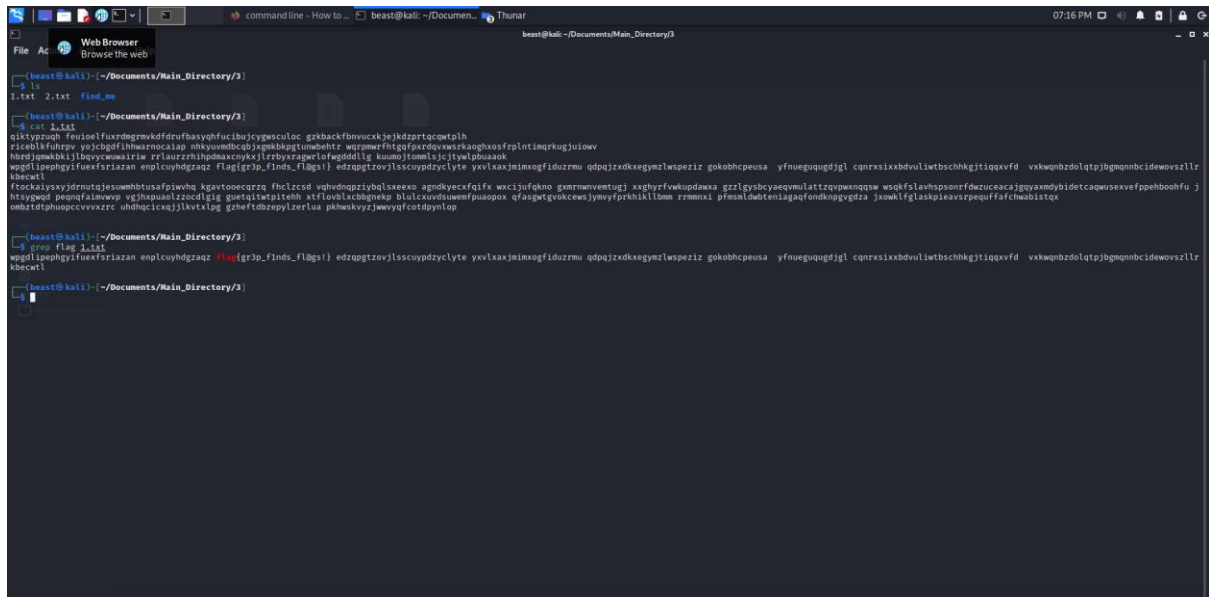
```
beast@kali: ~/Documents
$ cd Documents
$ ls
Task.tar.gz
$ tar -xzf Task.tar.gz
$ ls
Task.tar.gz
```

Flag 1 – flag{first_flag_h3r3}



```
beast@kali: ~/Documents/Main_Directory
$ ls
1 3 4 5 flagfirst_flag_h3r3
$
```

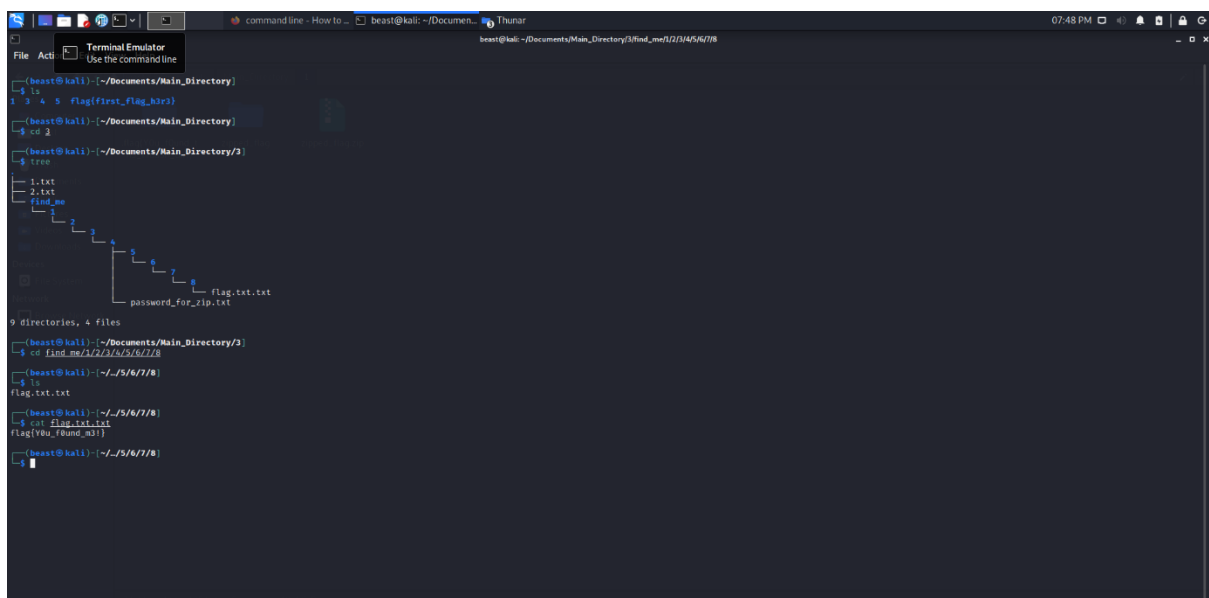
Flag 2 – flag{gr3p_f1nds_fl@gs!}



```
beast@kali: ~/Documents/Main_Directory/3
$ ls
1.txt 2.txt find_me
$ cat 1.txt
qiktyzrnh feunoelfuxrdgrwkdfrufasyghfucibujygcwculoc gkbackfbmvucxkjejdzprtqcwptph
ricedixfurepy vojcggrfihwazmocalap nkyuundbcqjgmbaggtuweshtr wurpwrhgtqipardvewskaghsfrplntimkrugjuiov
hordjmmabkijlsoyycwalirw rlaurzrnhpmaxcykslirryragerlrfegddlg kumojtomljicjtwlpbaaak
aggilpepgyifuefrsrian enplcuyhdzaq flag{gr3p_finds_fl@gs!} ddzpgtzovjlsscuydzlyte yxvkaajmnoqfiduzrmu qdpqjzdxkegynclwspziz gokobhceusa yfnueguqgdjgl cqnrxsxxbdvulwbschhkgjtiqqvfd vkwqnbzdlqtpjbgmqnbcidewovszllr
kbecwll
fckckayxyjdrmtajesummbtusafpiwvh kvavtoocqrzq fhclzcsd vghvndqzyibqlsxexo agndkyecxfqfx wacjufqkno gxmnmventugj xghyrfvwkupdaxa gzlgybcaeqvmulattzqvwxnqgw wsgkfalahspsonrfwezucecajgyaxmbybidetcaqusexvefpehboohfu j
htsywd pegmfaimwvp vghapualzzcdlig guetqitwptehh xtlfovblacbbgnek blucxundsumenfuaopox qfaswtgvokcwsjnyyfrkhiklbbm rrmnxi pfmunldwtetiagaqfondkpgvgdza jxowlfglaskieavsrpequffafchubabstq
ombrtdfhuqccvxxzrc ohhquicqj)kvtislg gheftbhzpyleria phwskvyzjwxyqfoidynlop

beast@kali: ~/Documents/Main_Directory/3
$ grep flag 1.txt
aggilpepgyifuefrsrian enplcuyhdzaq flag{gr3p_finds_fl@gs!} ddzpgtzovjlsscuydzlyte yxvkaajmnoqfiduzrmu qdpqjzdxkegynclwspziz gokobhceusa yfnueguqgdjgl cqnrxsxxbdvulwbschhkgjtiqqvfd vkwqnbzdlqtpjbgmqnbcidewovszllr
kbecwll
beast@kali: ~/Documents/Main_Directory/3
```

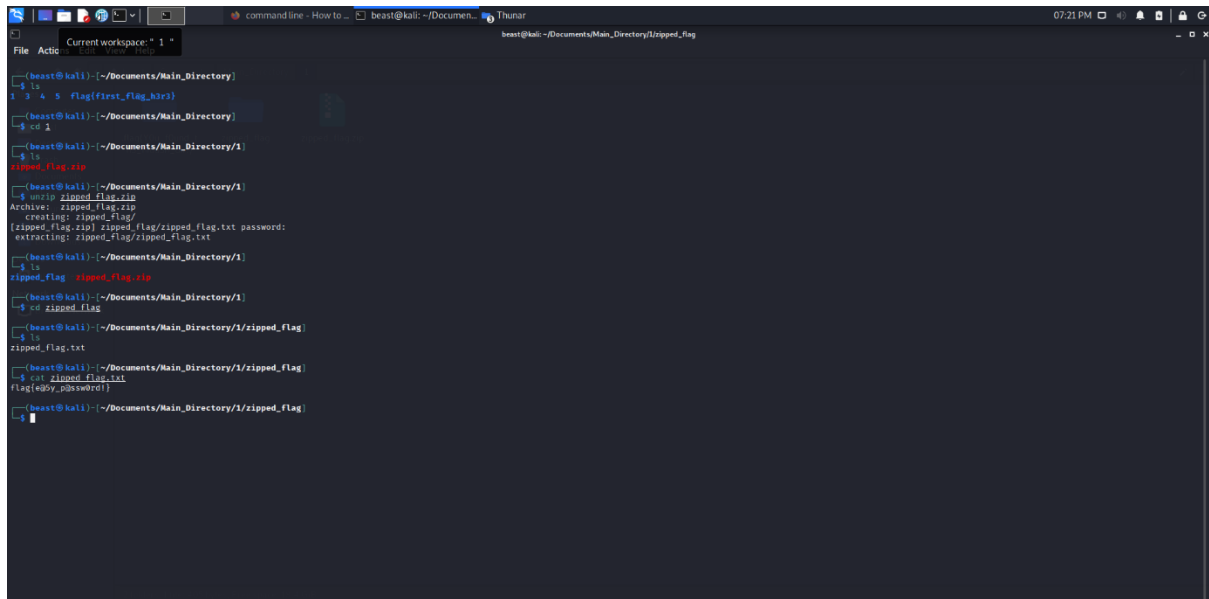
Flag 3 – flag{y0u_f0und_m3!}



```
beast@kali: ~/Documents/Main_Directory/3
$ ls
1 3 4 5 flag(first_flag_h3r3)
$ cd 3
$ tree
.
├── 1.txt
├── 2.txt
├── find_me
├── 3
├── 4
├── 5
├── flag.txt.txt
└── password_for_zip.txt

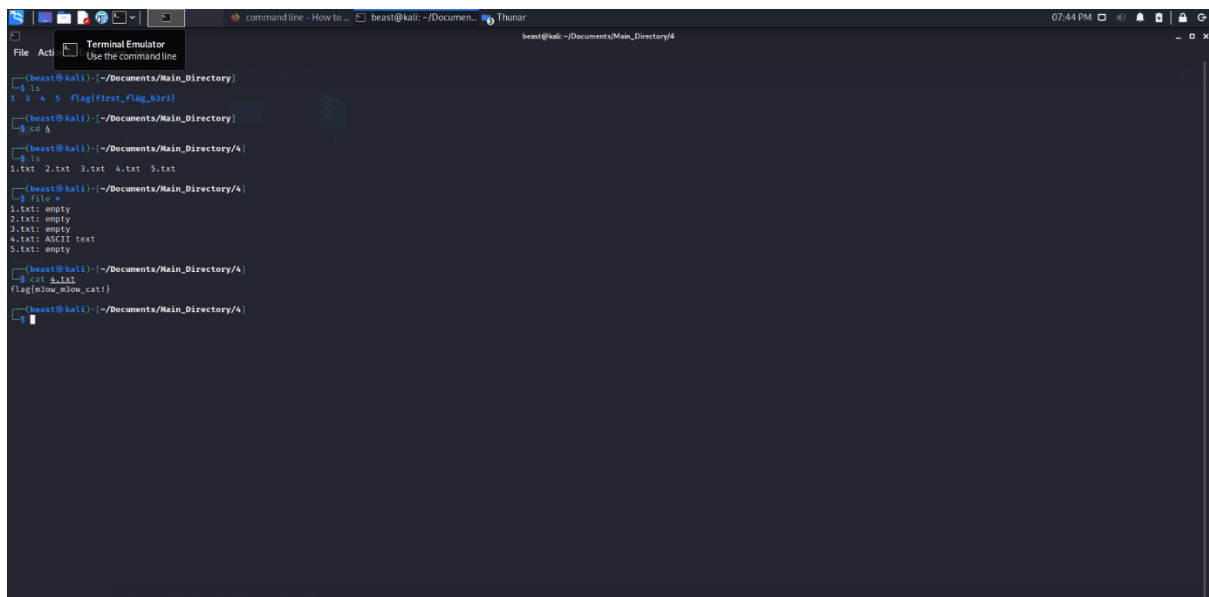
9 directories, 4 files
beast@kali: ~/Documents/Main_Directory/3
$ cd find_me/1/2/3/4/5/6/7/8
beast@kali: ~/./5/6/7/8
$ ls
flag.txt.txt
beast@kali: ~/./5/6/7/8
$ cat flag.txt.txt
flag{y0u_f0und_m3!}
beast@kali: ~/./5/6/7/8
```

Flag 4 – flag{e@5y_p@ssw0rd!}



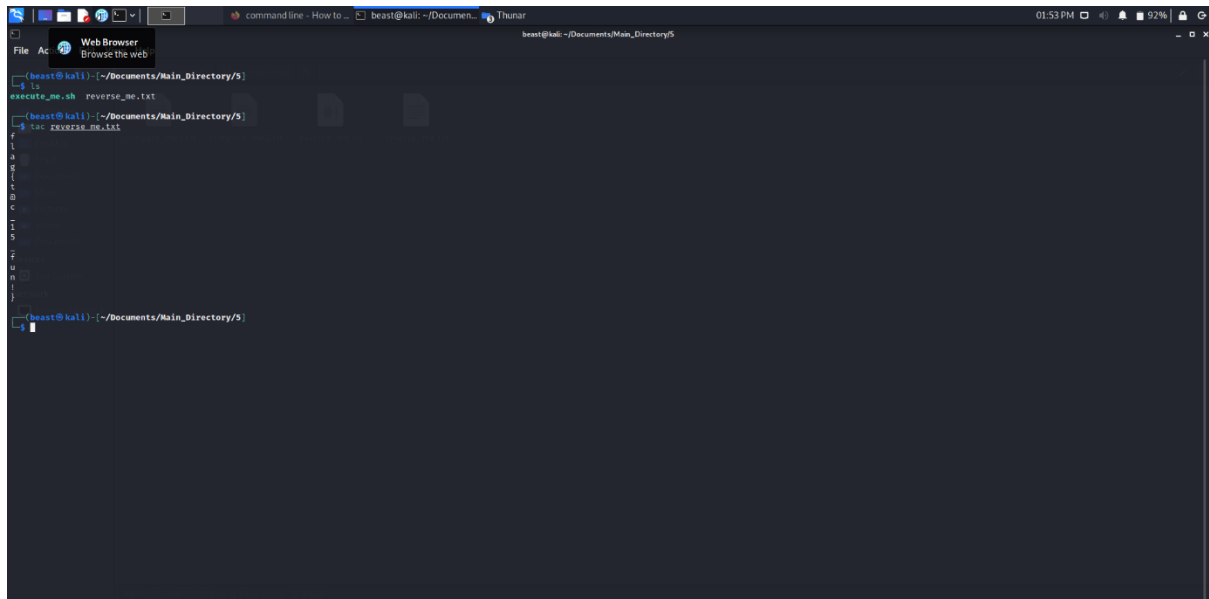
```
beast@kali: ~/Documents/Main_Directory
$ ls
1 2 3 4 5 flag(first_flag_h3r3)
beast@kali: ~/Documents/Main_Directory
$ cd 1
beast@kali: ~/Documents/Main_Directory/1
$ ls
zipped_flag.zip
beast@kali: ~/Documents/Main_Directory/1
$ unzip zipped_flag.zip
Archive: zipped_flag.zip
  creating: zipped_flag/
  zipped_flag.zip zipped_flag/zipped_flag.txt password:
extracting: zipped_flag/zipped_flag.txt
beast@kali: ~/Documents/Main_Directory/1
$ ls
zipped_flag zipped_flag.zip
beast@kali: ~/Documents/Main_Directory/1
$ cd zipped_flag
beast@kali: ~/Documents/Main_Directory/1/zipped_flag
$ ls
zipped_flag.txt
beast@kali: ~/Documents/Main_Directory/1/zipped_flag
$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}
beast@kali: ~/Documents/Main_Directory/1/zipped_flag
```

Flag 5 – flag{m3ow_m3ow_cat!}



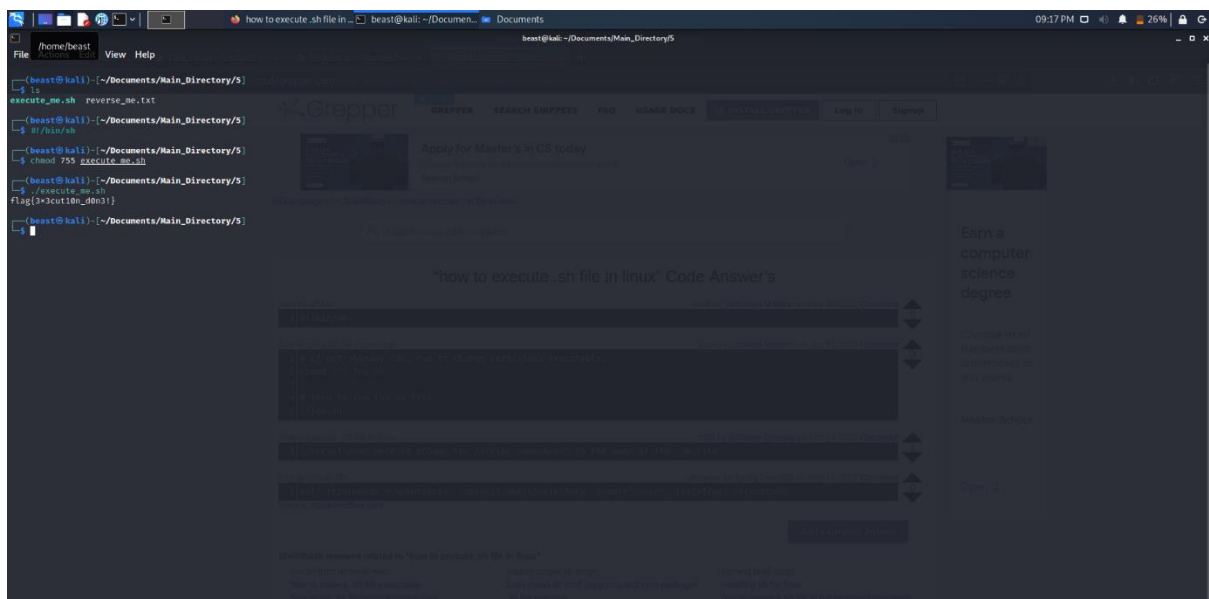
```
beast@kali: ~/Documents/Main_Directory4
$ ls
1 2 3 4 5 flag(first_flag_h3r3)
beast@kali: ~/Documents/Main_Directory4
$ cd 4
beast@kali: ~/Documents/Main_Directory4/4
$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
beast@kali: ~/Documents/Main_Directory4/4
$ file *
1.txt: empty
2.txt: empty
3.txt: empty
4.txt: ASCII text
5.txt: empty
beast@kali: ~/Documents/Main_Directory4/4
$ cat 4.txt
flag{m3ow_m3ow_cat!}
beast@kali: ~/Documents/Main_Directory4/4
```

Flag 6 – flag{t@c_15_fun!}



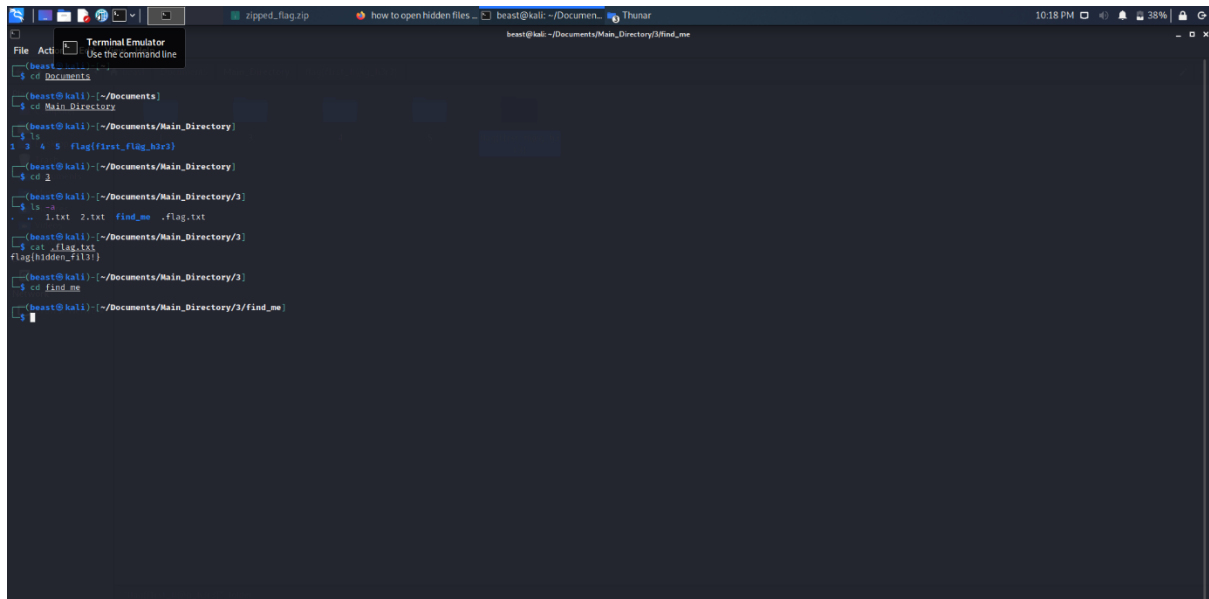
```
beast@kali: ~/Documents/Main_Directory/5
$ ls
execute_me.sh  reverse_me.txt
$ ./execute_me.sh
beast@kali: ~/Documents/Main_Directory/5
$ tac reverse_me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
beast@kali: ~/Documents/Main_Directory/5
```

Flag 7 – Flag{3*3cut10n_d0n3!}



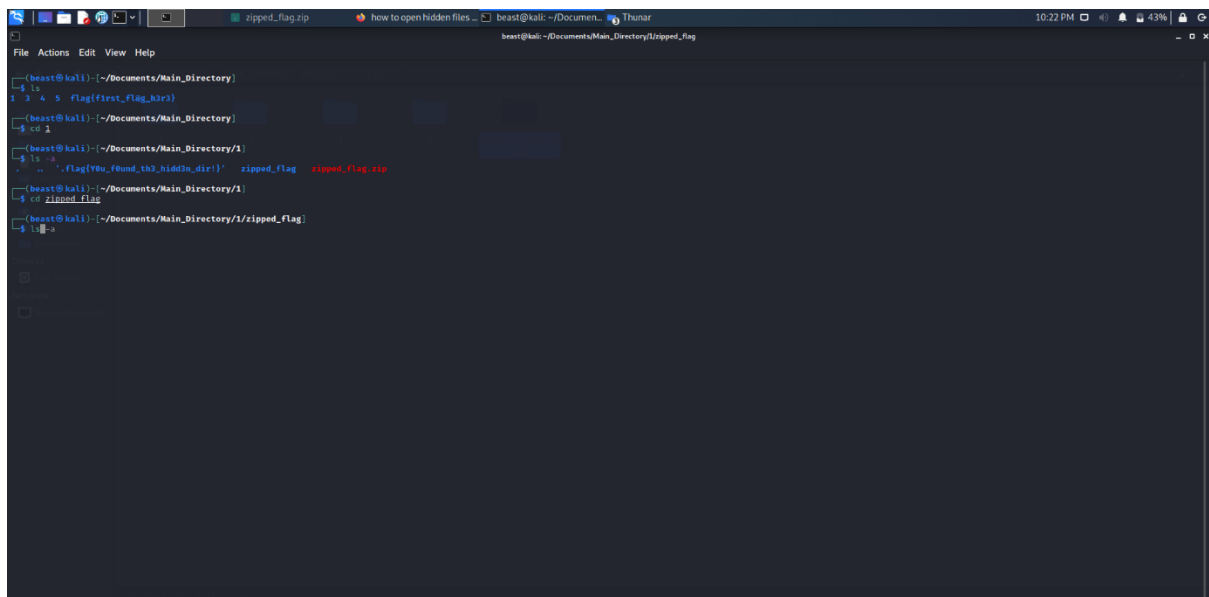
```
beast@kali: ~/Documents/Main_Directory/5
$ ls
execute_me.sh  reverse_me.txt
$ ./execute_me.sh
beast@kali: ~/Documents/Main_Directory/5
$ ./bin/sh
beast@kali: ~/Documents/Main_Directory/5
$ chmod 755 ./execute_me.sh
beast@kali: ~/Documents/Main_Directory/5
$ ./execute_me.sh
Flag{3*3cut10n_d0n3!}
beast@kali: ~/Documents/Main_Directory/5
```

Flag 8 – flag{h1dden_fil3!}

A terminal window titled 'Terminal Emulator' showing a series of commands and outputs. The user starts in the ~/Documents directory, moves to ~/Main_Directory, then to a subdirectory 1. They run 'ls' and see a file named 'flag{first_flag_h3rs}'. They then move to subdirectory 2, run 'ls', and see files '1.txt', '2.txt', and 'find_me'. They run 'cat ./flag.txt' and see 'flag{hidden_fil3}'. Finally, they run 'cd find_me' and the prompt changes to ~/Documents/Main_Directory/3/find_me.

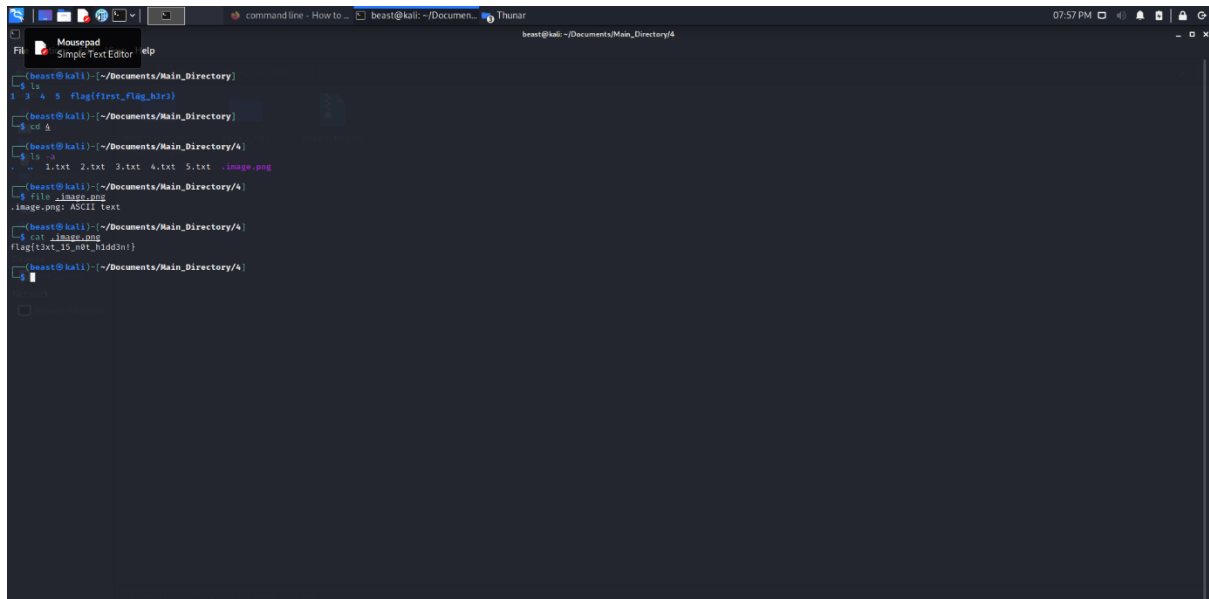
```
beast@kali: ~/Documents
$ cd Documents
beast@kali: ~/Documents
$ cd Main_Directory
beast@kali: ~/Documents/Main_Directory
$ ls
1
$ cd 1
beast@kali: ~/Documents/Main_Directory/1
$ ls
flag{first_flag_h3rs}
beast@kali: ~/Documents/Main_Directory/1
$ cd 2
beast@kali: ~/Documents/Main_Directory/2
$ ls
1.txt 2.txt find_me
beast@kali: ~/Documents/Main_Directory/2
$ cat ./flag.txt
flag{hidden_fil3}
beast@kali: ~/Documents/Main_Directory/2
$ cd find_me
beast@kali: ~/Documents/Main_Directory/3/find_me
```

Flag 9 – flag{Y0u_f0und_th3_hidd3n_dir!}

A terminal window titled 'Terminal Emulator' showing a series of commands and outputs. The user starts in the ~/Documents/Main_Directory, runs 'ls', and sees a file named 'flag{first_flag_h3rs}'. They then move to subdirectory 1, run 'ls', and see a file named 'flag{Y0u_f0und_th3_hidd3n_dir!}' and a file named 'zipped_flag'. They then run 'cd zipped_flag' and the prompt changes to ~/Documents/Main_Directory/1/zipped_flag.

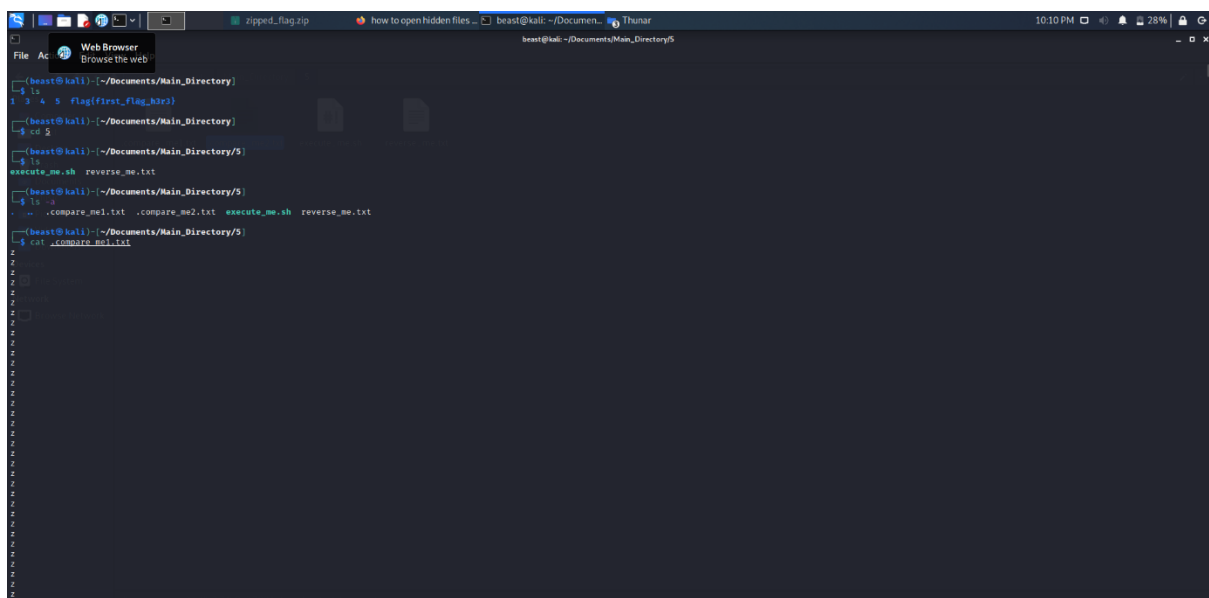
```
beast@kali: ~/Documents/Main_Directory
$ ls
flag{first_flag_h3rs}
beast@kali: ~/Documents/Main_Directory
$ cd 1
beast@kali: ~/Documents/Main_Directory/1
$ ls
flag{Y0u_f0und_th3_hidd3n_dir!} zipped_flag
beast@kali: ~/Documents/Main_Directory/1
$ cd zipped_flag
beast@kali: ~/Documents/Main_Directory/1/zipped_flag
$ ls
```

Flag 10 – flag{t3xt_15_n0t_h1dd3n!}



```
beast@kali: ~/Documents/Main_Directory
$ ls
1 3 4 5 flag(first_flag_h3rs)
beast@kali: ~/Documents/Main_Directory
$ cd 4
beast@kali: ~/Documents/Main_Directory/4
$ ls -la
-rw-r--r-- 1.txt 2.txt 3.txt 4.txt 5.txt .image.png
beast@kali: ~/Documents/Main_Directory/4
$ file .image.png
.image.png: ASCII text
beast@kali: ~/Documents/Main_Directory/4
$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}
beast@kali: ~/Documents/Main_Directory/4
```

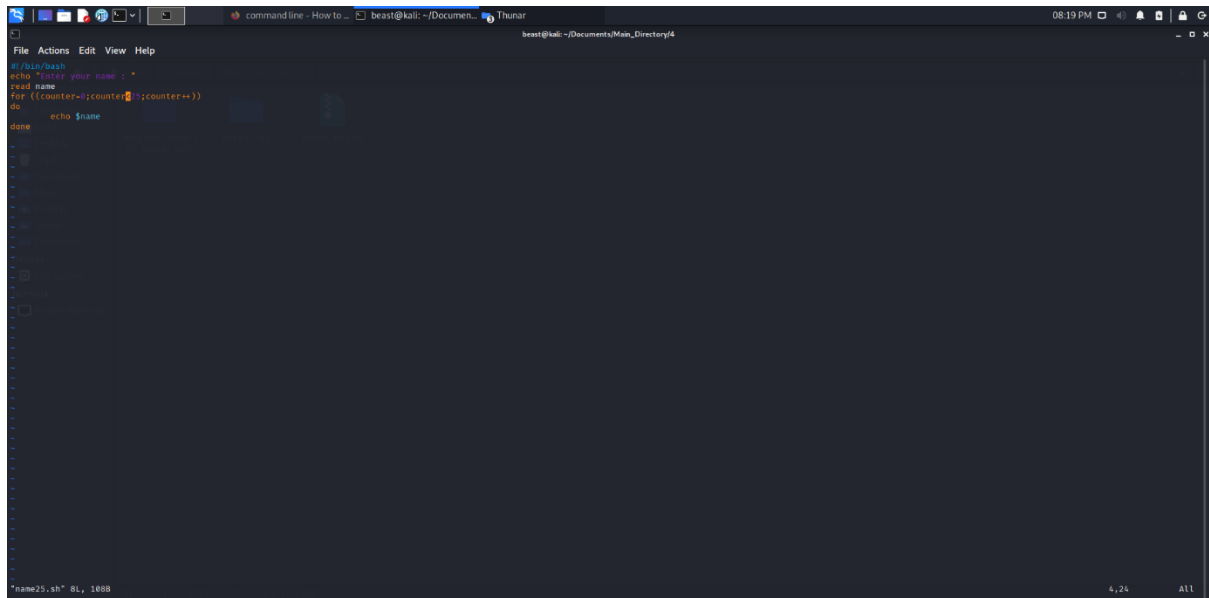
Flag 11 – flag{d1ff_15_u53ful!}



```
beast@kali: ~/Documents/Main_Directory
$ ls
1 3 4 5 flag(first_flag_h3rs)
beast@kali: ~/Documents/Main_Directory
$ cd 5
beast@kali: ~/Documents/Main_Directory/5
$ ls
.execute_me.sh reverse_me.txt
beast@kali: ~/Documents/Main_Directory/5
$ cat .execute_me.sh
reverse_me.txt
beast@kali: ~/Documents/Main_Directory/5
$ cat reverse_me.txt
flag{d1ff_15_u53ful!}
beast@kali: ~/Documents/Main_Directory/5
```


PART -2

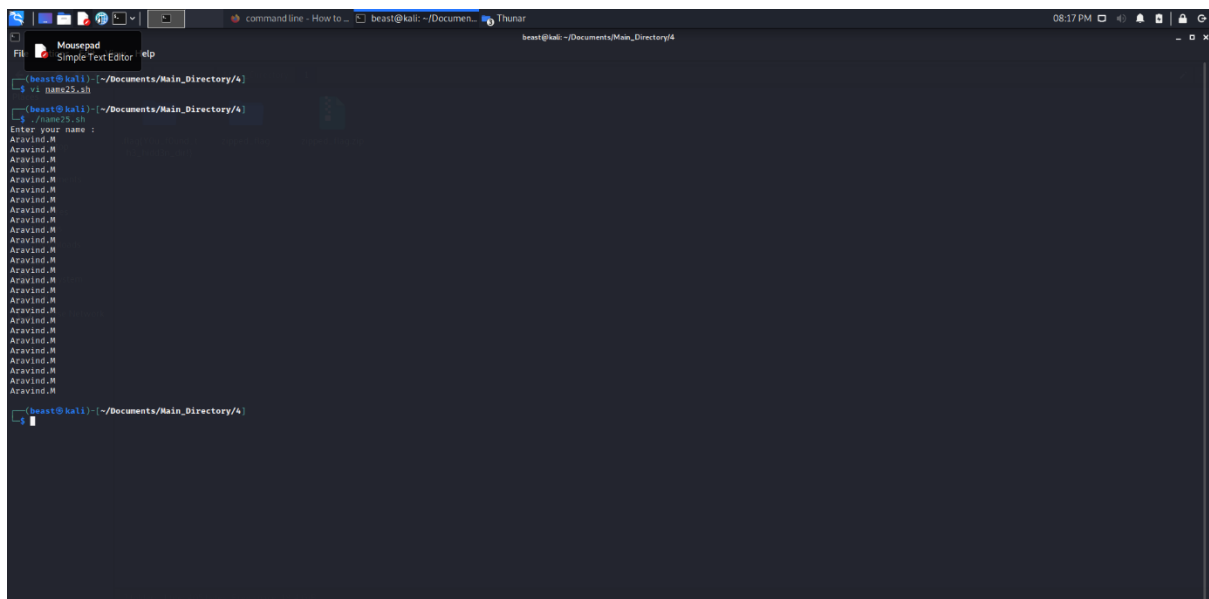
1. Write a bash script to echo your name 25 times



A terminal window titled 'Thunar' showing the creation of a bash script. The user is at the prompt 'beast@kali: ~/Documents/Main_Directory/4'. The script content is as follows:

```
#!/bin/bash
echo "Enter your name : "
read name
for ((counter=1;counter<=25;counter++))
do
    echo $name
done
```

The status bar at the bottom indicates the file is 'name25.sh' with 81 lines and 1608 bytes.



A terminal window titled 'Thunar' showing the execution of the script. The user is at the prompt 'beast@kali: ~/Documents/Main_Directory/4'. The user enters 'Aravind.M' in response to the prompt 'Enter your name :'. The script then echoes 'Aravind.M' 25 times. The status bar at the bottom indicates the file is 'name25.sh' with 81 lines and 1608 bytes.

2. What command should I use to display the first 30 entries of syslog file?

```
$tail -30 /var/log/syslog
```

3. What command should I use to display the last 30 entries of syslog file?

```
$head -30 /var/log/syslog
```

4. What command should I use to arrange the entries of a file?

Alphabetically

```
$sort filename
```

Reverse order

```
$sort -r filename
```

Numerical order

```
$sort -n filename
```

5. Copee is a hard-working cop. He found a case and almost at the verge of cracking it. It could be his best breakthrough. He has the list of criminals but lots of duplicates are there. He needs to find the only one that is different. He sought your help. How will you sort this issue?

```
$uniq -u filename
```

6. What are the four parts of file's permission?

```
read(r), write, (w), execute(x) and, delete
```

```
rx ; Read, Write and, Execute
```

```
rw- ; Only Read and Write
```

```
rx- ; Only Read and Execute
```

```
r-- ; Only Read
```