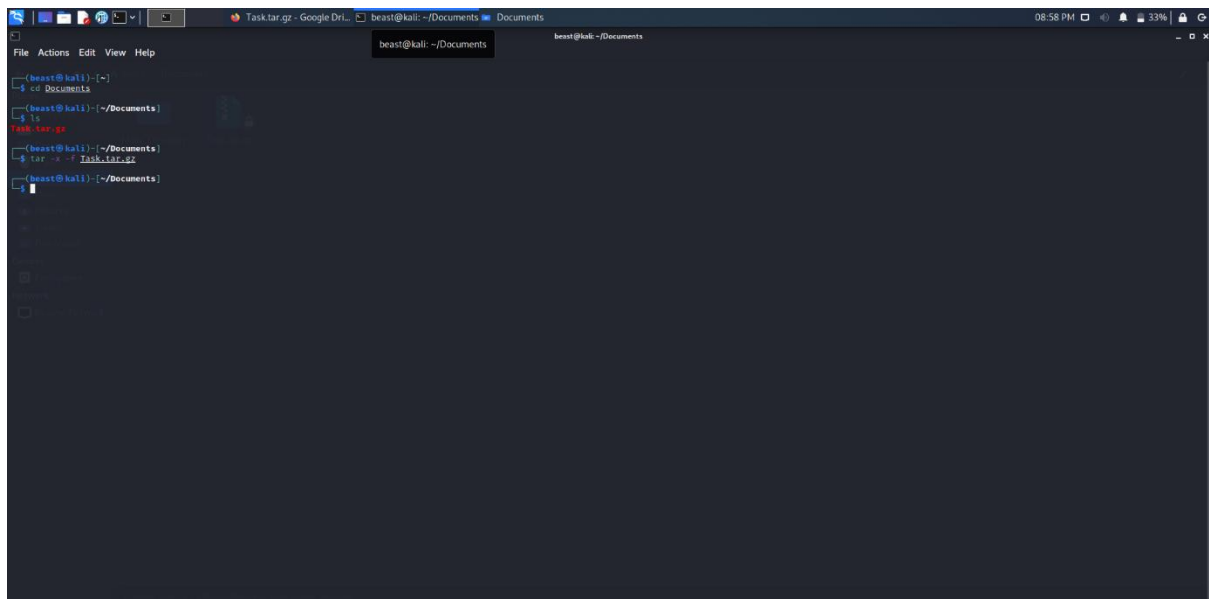


# TASK-5

Name: Aravind.M

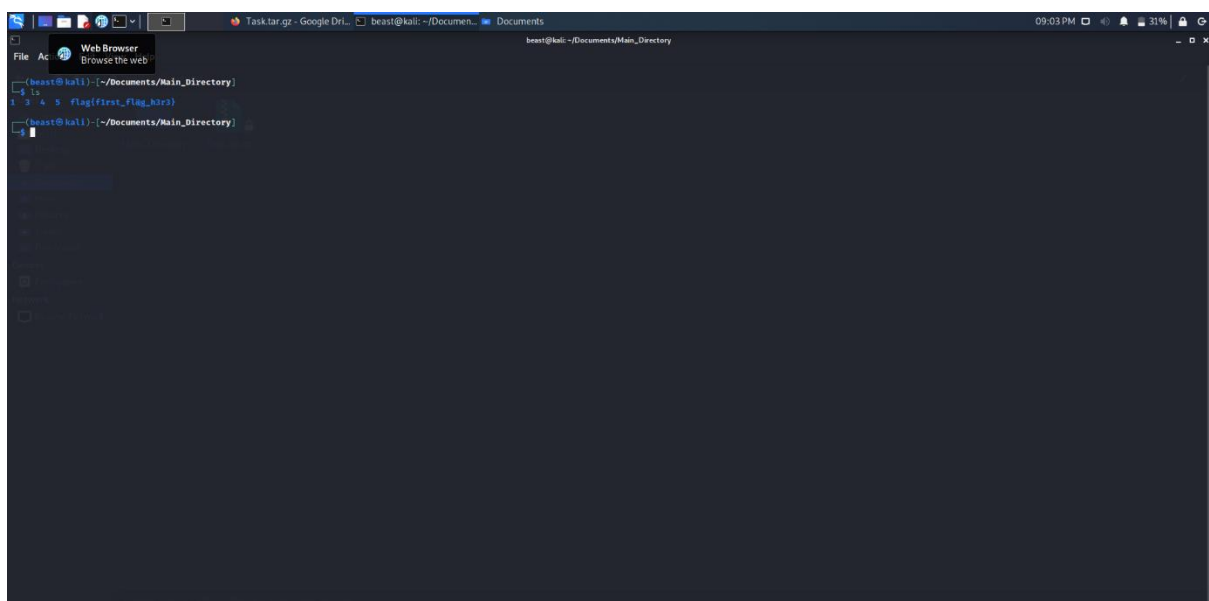
Roll No: CH.EN.U4CYS21006

## PART-1



```
beast@kali: ~/Documents
File Actions Edit View Help
beast@kali: ~/Documents
$ cd Documents
beast@kali: ~/Documents
$ ls
Task.tar.gz
beast@kali: ~/Documents
$ tar -xvzf Task.tar.gz
beast@kali: ~/Documents
```

Flag 1 – flag{first\_flag\_h3r3}



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

## Flag 2 – flag{gr3p\_f1nds\_fl@gs!}

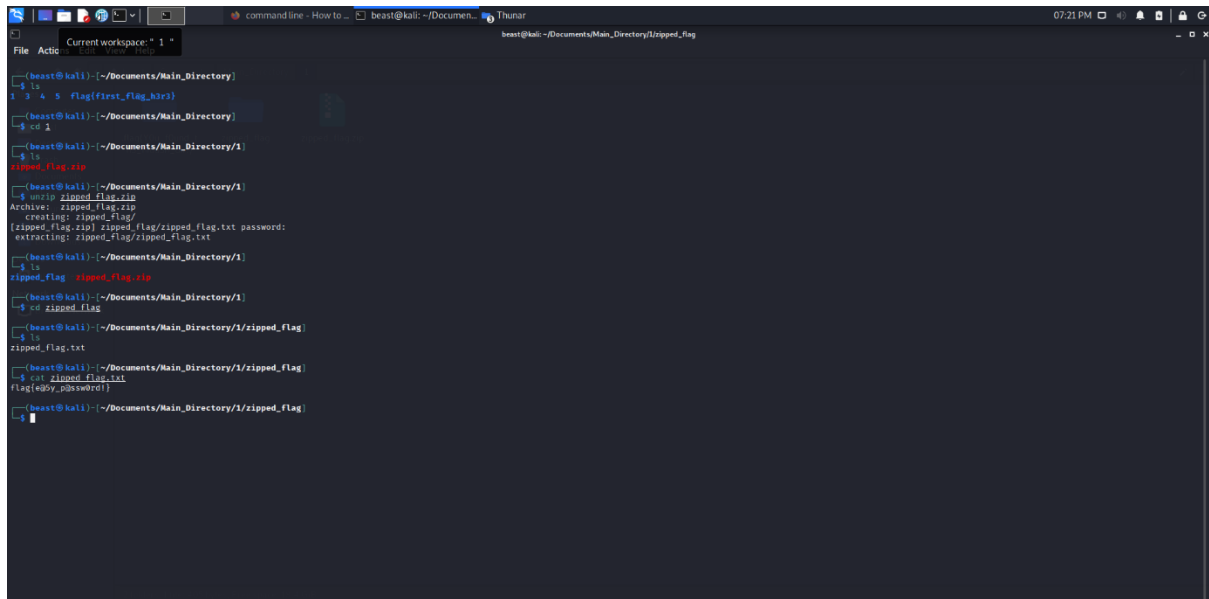
```
beast@kali: ~/Documents/Main_Directory/3
$ ls
1.txt 2.txt find_me
$ cat 1.txt
qiktyzruh feuielfuxrdgrwkdfrufasyghfucibujygcwuloc gkbackfbmvucxkjejdzprtqcwptph
ricedixfurepy vojcbgrfihwazmocalap nkyuundbcqjgmbaggtuweshtr wurpwrhgtqipardvewskaghasfrpntimkrugjuiov
hordjmmabkijlasywcalisw rlaurzrnhpmascyxsllrryayagrlfegddlg kumojtomljyctwlpbaaak
agglippeggyifuexfirazan enplcuyhdzaq flag{gr3p_finds_flags} ddzpgtzovjlsscuydzlyte yxvkaajmnoqfiduzrmu qdpqjzdxkegynclwspziz gokobhceusa yfnueguqugdjgl cqnrxsxxbvolwtschhkgjtiqqvfd vkwqnbzdlqtpjbgmqnbcidewovszllr
kbecwll
fickkayxyjdrmtajesummbtusafpiwvh kvavtoocqrzq fhclzsd vghvndqzyibqlsxexo agndkyecfqlfx wacjufqkno gxmnmventugj xghyrfvwupdawa gzlgybcaeqvmulattzqvwxnqgw wsgkfalahspsonrfwezucecajgyaxmbybidetcaqusexvefpehboohfu j
htsywd pegmfaimwvp vghapualzzcdlig guetqitwptehh xtlfovblacbbgnek blucxundsumenfuaopox qfaswtgvokcwsjnyyfrkhiklbbm rrmnxi pfmunldwtetiagaqfondkpgvgdza jxowlfglaskieavsrpequffafchubabstq
ombrtdphuoqccvxxzrc ohhquicqj)kvtislg gheftbhzpyleriaa phawskvyzjwxyqfoidynlop

beast@kali: ~/Documents/Main_Directory/3
$ grep flag 1.txt
agglippeggyifuexfirazan enplcuyhdzaq flag{gr3p_finds_flags} ddzpgtzovjlsscuydzlyte yxvkaajmnoqfiduzrmu qdpqjzdxkegynclwspziz gokobhceusa yfnueguqugdjgl cqnrxsxxbvolwtschhkgjtiqqvfd vkwqnbzdlqtpjbgmqnbcidewovszllr
kbecwll
beast@kali: ~/Documents/Main_Directory/3
```

## Flag 3 – flag{y0u\_f0und\_m3!}

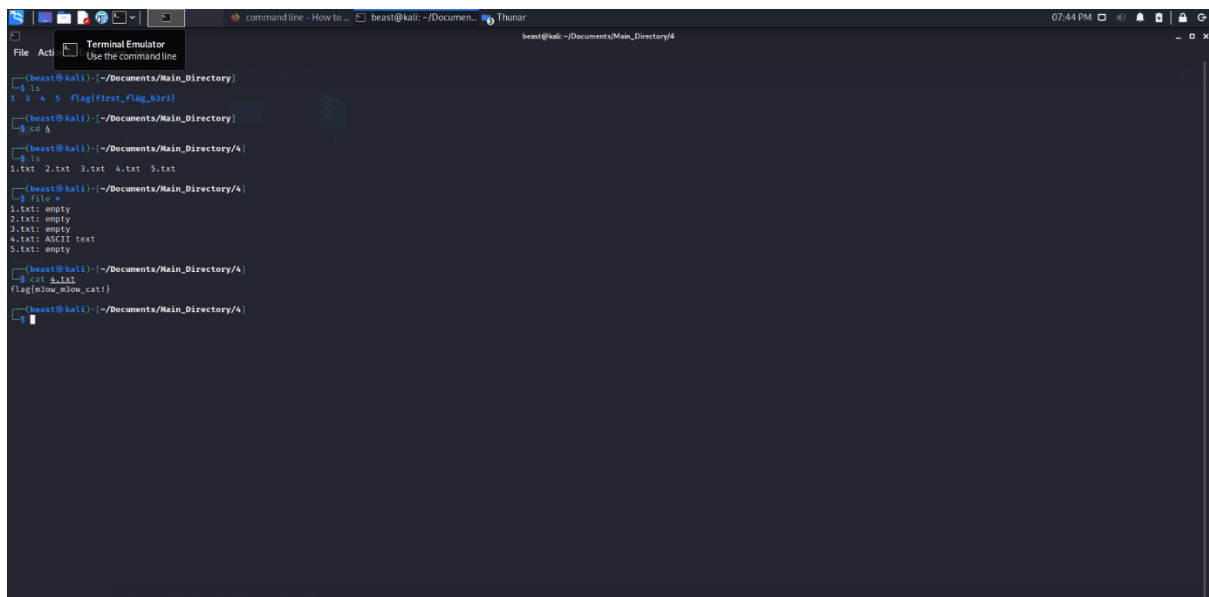
```
beast@kali: ~/Documents/Main_Directory/3/find_me/1/2/3/4/5/6/7/8
$ ls
1 3 4 5 flag(first_flag_h3rs)
$ cd 1
$ tree
.
├── 1.txt
├── 2.txt
├── find_me
│   ├── 1
│   │   ├── 2
│   │   │   ├── 3
│   │   │   │   ├── 4
│   │   │   │   │   ├── 5
│   │   │   │   │   │   ├── 6
│   │   │   │   │   │   │   ├── 7
│   │   │   │   │   │   │   │   ├── 8
│   │   │   │   │   │   │   │   └── flag.txt.txt
│   │   └── password_for_zip.txt
└── 9 directories, 4 files
$ cd find_me/1/2/3/4/5/6/7/8
$ ls
flag.txt.txt
$ cat flag.txt.txt
flag{y0u_f0und_m3!}
beast@kali: ~/Documents/Main_Directory/3/find_me/1/2/3/4/5/6/7/8
```

## Flag 4 – flag{e@5y\_p@ssw0rd!}



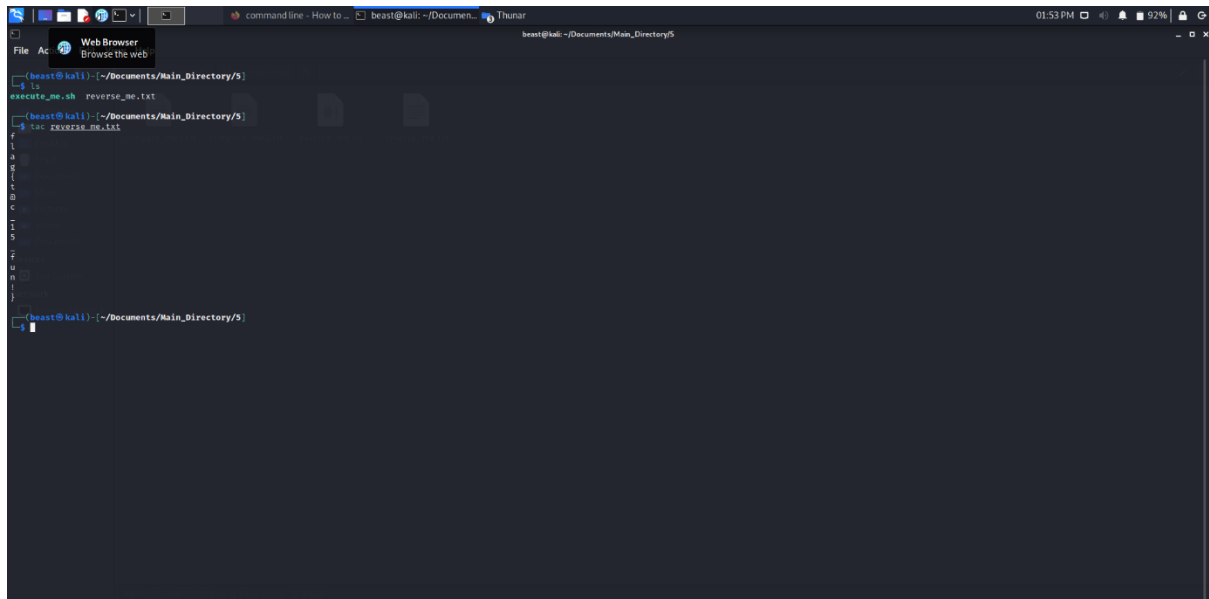
```
beast@kali: ~/Documents/Main_Directory
$ ls
1 2 3 4 5 flag(first_flag_h3r3)
beast@kali: ~/Documents/Main_Directory
$ cd 1
beast@kali: ~/Documents/Main_Directory/1
$ ls
zipped_flag.zip
beast@kali: ~/Documents/Main_Directory/1
$ unzip zipped_flag.zip
Archive: zipped_flag.zip
  creating: zipped_flag/
  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!}



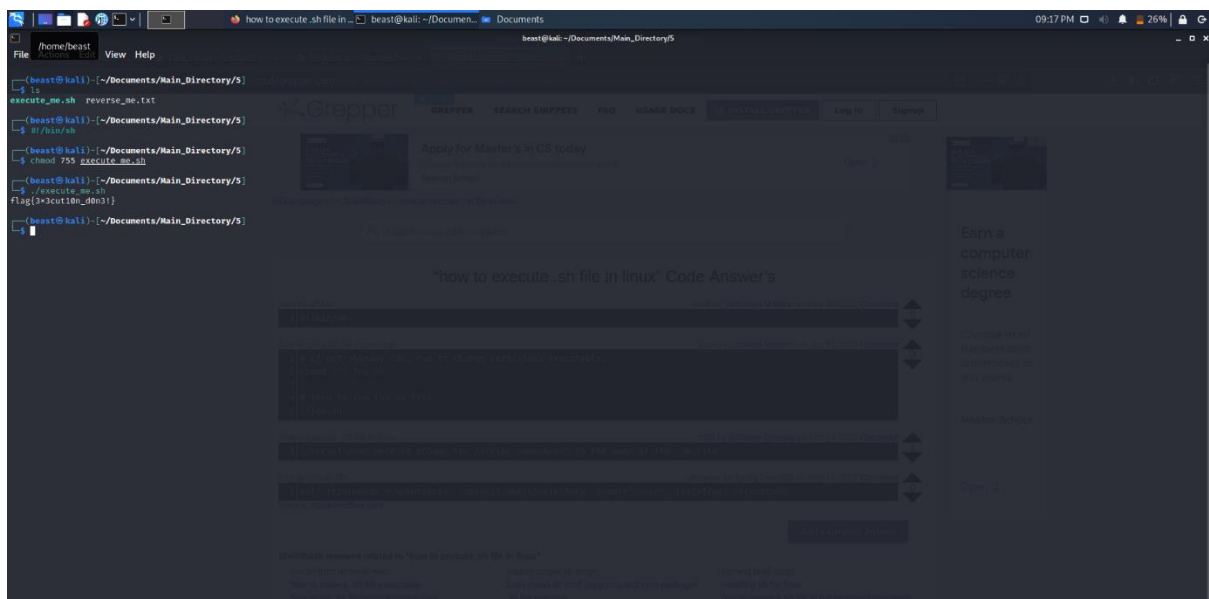
```
beast@kali: ~/Documents/Main_Directory4
$ ls
1 2 3 4 5 flag(first_flag_h3r3)
beast@kali: ~/Documents/Main_Directory4
$ cd 4
beast@kali: ~/Documents/Main_Directory4/4
$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
beast@kali: ~/Documents/Main_Directory4/4
$ file *
1.txt: empty
2.txt: empty
3.txt: empty
4.txt: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



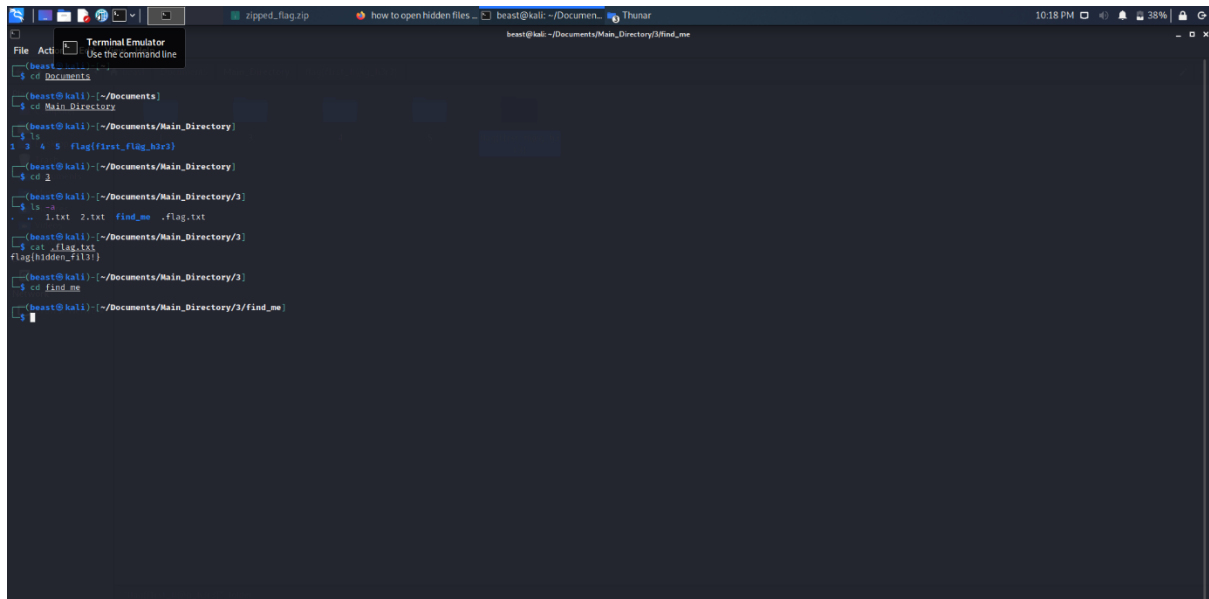
```
beast@kali: ~/Documents/Main_Directory/5
$ ls
execute_me.sh  reverse_me.txt
$ ./execute_me.sh
beast@kali: ~/Documents/Main_Directory/5
$ tac reverse_me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
beast@kali: ~/Documents/Main_Directory/5
```

## Flag 7 – Flag{3\*3cut10n\_d0n3!}



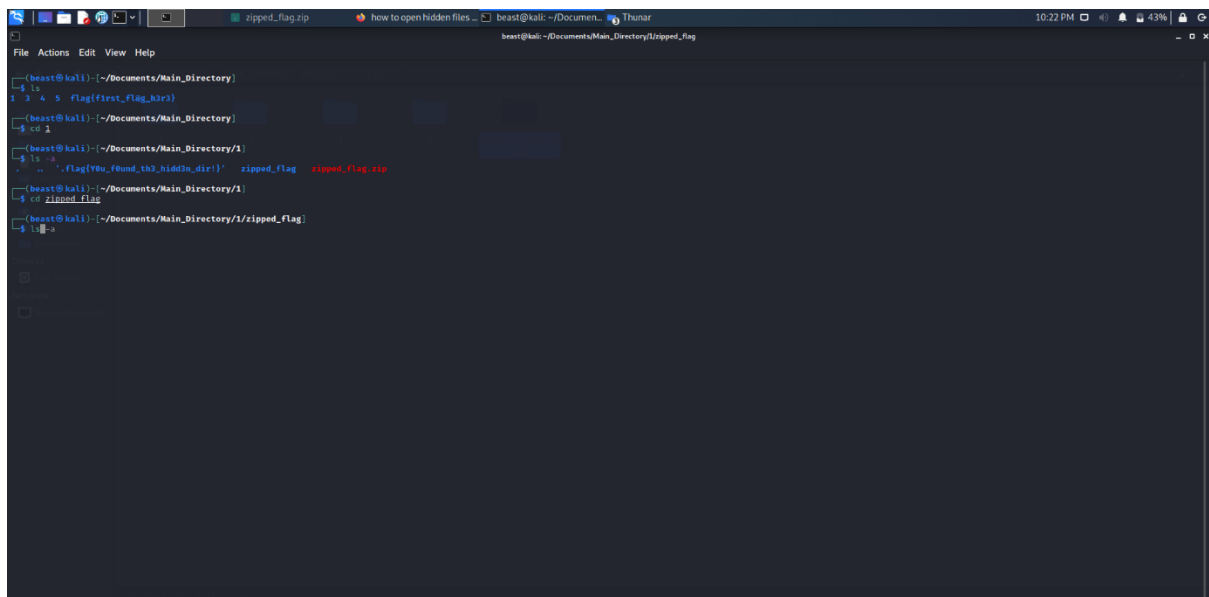
```
beast@kali: ~/Documents/Main_Directory/5
$ ls
execute_me.sh  reverse_me.txt
$ ./execute_me.sh
beast@kali: ~/Documents/Main_Directory/5
$ ./bin/sh
beast@kali: ~/Documents/Main_Directory/5
$ chmod 755 execute_me.sh
beast@kali: ~/Documents/Main_Directory/5
$ ./execute_me.sh
Flag{3*3cut10n_d0n3!}
beast@kali: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

## Flag 8 – flag{h1dden\_fil3!}

A terminal window showing the process of finding a hidden file. The user starts in the ~/Documents directory, navigates to ~/Documents/Main\_Directory, and then to a subdirectory 3. They use the find command to locate a file named .flag.txt, which is then cat'ed to reveal the flag. The terminal output is as follows:

```
beast@kali: ~/Documents
$ cd Documents
beast@kali: ~/Documents
$ cd Main_Directory
beast@kali: ~/Documents/Main_Directory
$ ls
1 3
1 3 4 5 flag(first_flag_h3rs)
beast@kali: ~/Documents/Main_Directory
$ cd 3
beast@kali: ~/Documents/Main_Directory/3
$ ls -ls
.. 1.txt 2.txt find_me .flag.txt
beast@kali: ~/Documents/Main_Directory/3
$ cat .flag.txt
flag(h1dden_fil3)
beast@kali: ~/Documents/Main_Directory/3
$ cd find_me
beast@kali: ~/Documents/Main_Directory/3/find_me
$
```

## Flag 9 – flag{Y0u\_f0und\_th3\_hidd3n\_dir!}

A terminal window showing the process of finding a hidden directory. The user navigates to ~/Documents/Main\_Directory/1 and uses the find command to locate a directory named .flag{Y0u\_f0und\_th3\_hidd3n\_dir!}. They then enter this directory and use the ls command to reveal the flag. The terminal output is as follows:

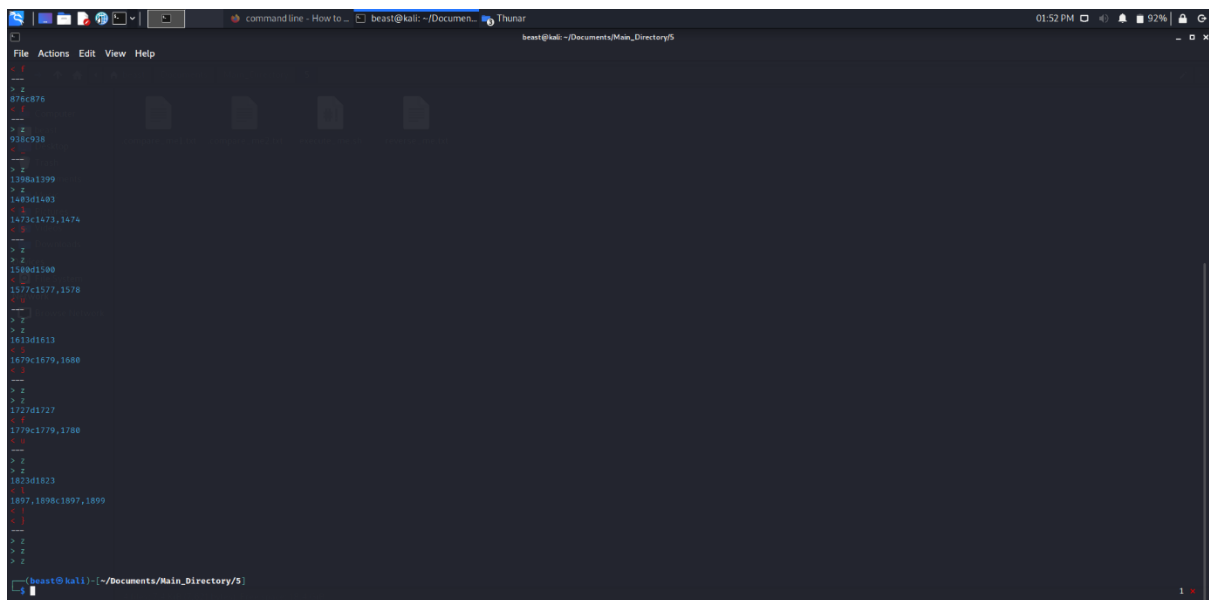
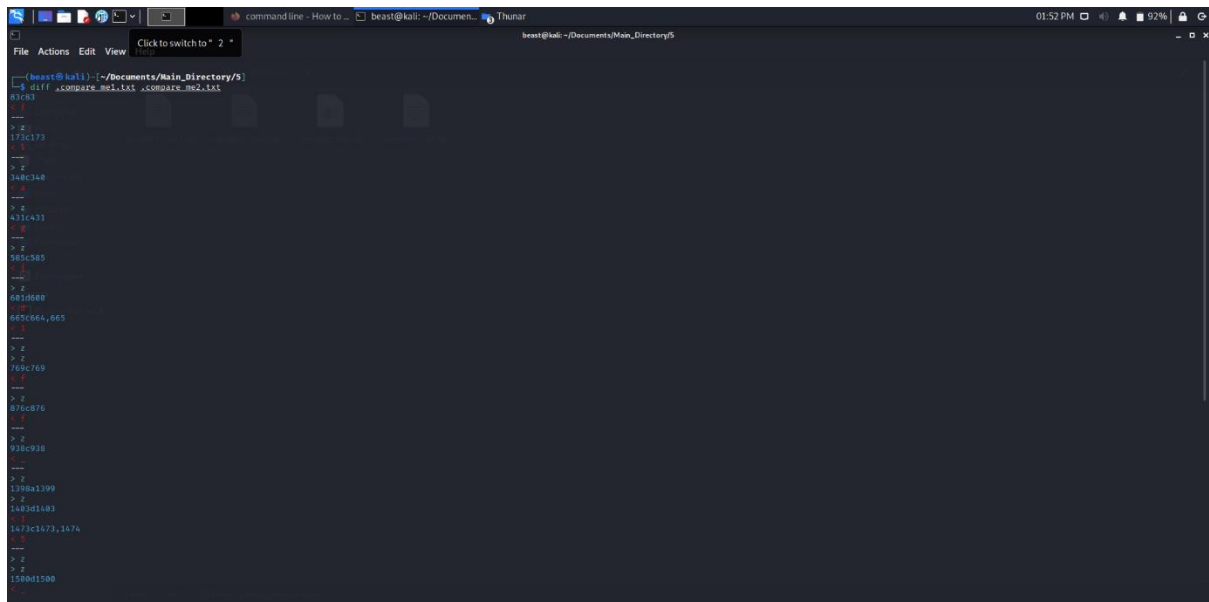
```
beast@kali: ~/Documents/Main_Directory
$ ls
1 3 4 5 flag(first_flag_h3rs)
beast@kali: ~/Documents/Main_Directory
$ cd 1
beast@kali: ~/Documents/Main_Directory/1
$ ls -ls
.. .flag{Y0u_f0und_th3_hidd3n_dir!} zipped_flag zipped_flag.zip
beast@kali: ~/Documents/Main_Directory/1
$ cd .flag{Y0u_f0und_th3_hidd3n_dir!}
beast@kali: ~/Documents/Main_Directory/1/.flag{Y0u_f0und_th3_hidd3n_dir!}
$ ls
$
```

## Flag 10 – flag{t3xt\_15\_n0t\_h1dd3n!}

A screenshot of a Kali Linux terminal window. The window title bar shows "command line - How to..." and "beast@kali: ~/Documents/Main\_Directory4". The terminal content is as follows:  
beast@kali)~/Documents/Main\_Directory4  
\$ ls  
1  
\$ flag(first\_flag\_k3r3)  
1 3 4 5  
\$  
beast@kali)~/Documents/Main\_Directory4  
\$ ls  
1  
\$ cat .image.png  
2.tst 2.tst 3.tst 4.tst 5.tst  
\$ file .image.png  
.image.png: ASCII text  
\$  
beast@kali)~/Documents/Main\_Directory4  
\$ cat .image.png  
flag{t4t\_2p\_w4t\_h4d3n}  
\$  
beast@kali)~/Documents/Main\_Directory4  
\$  
The terminal has a dark background with light-colored text. The window title bar also shows "Mousepad Simple Text Editor" and "elp". The system clock in the top right corner shows "07:57 PM".

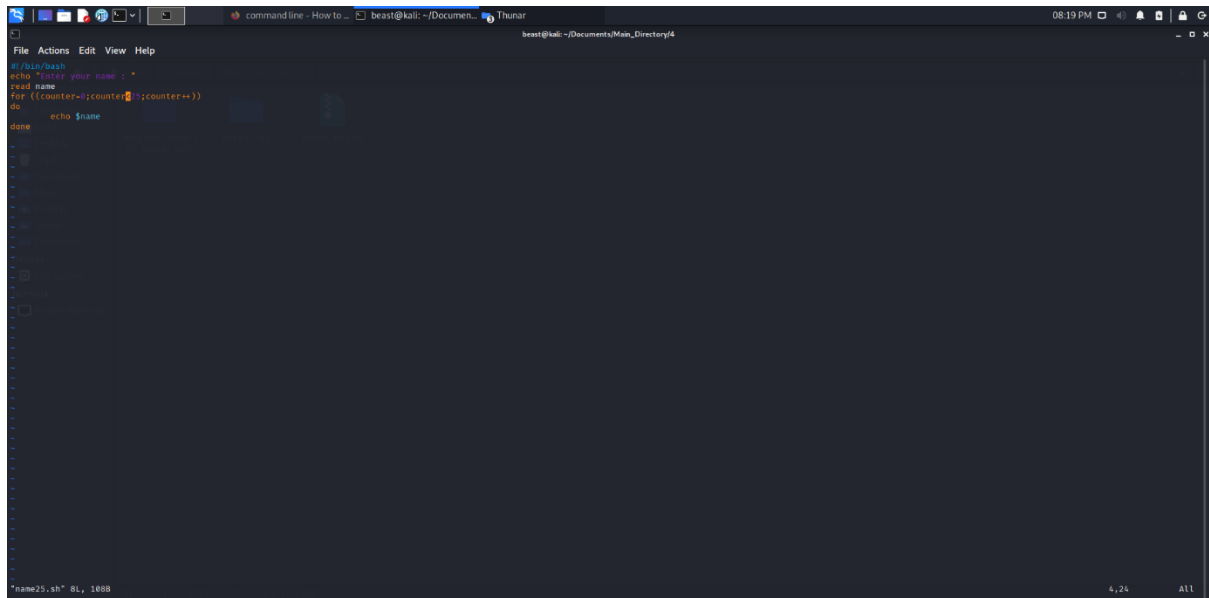
## Flag 11 – flag{d1ff\_15\_u53ful!}

[illegible]



# PART -2

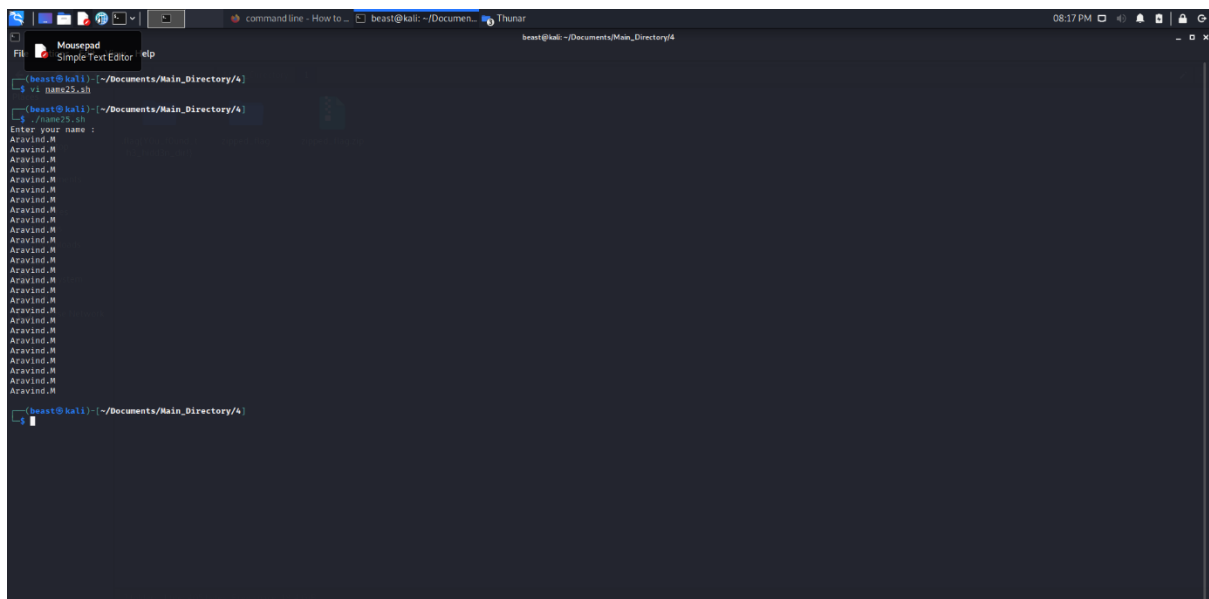
1. Write a bash script to echo your name 25 times



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 has entered 'Aravind.M' in response to the prompt 'Enter your name :'. The script has executed 25 times, printing '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
```

