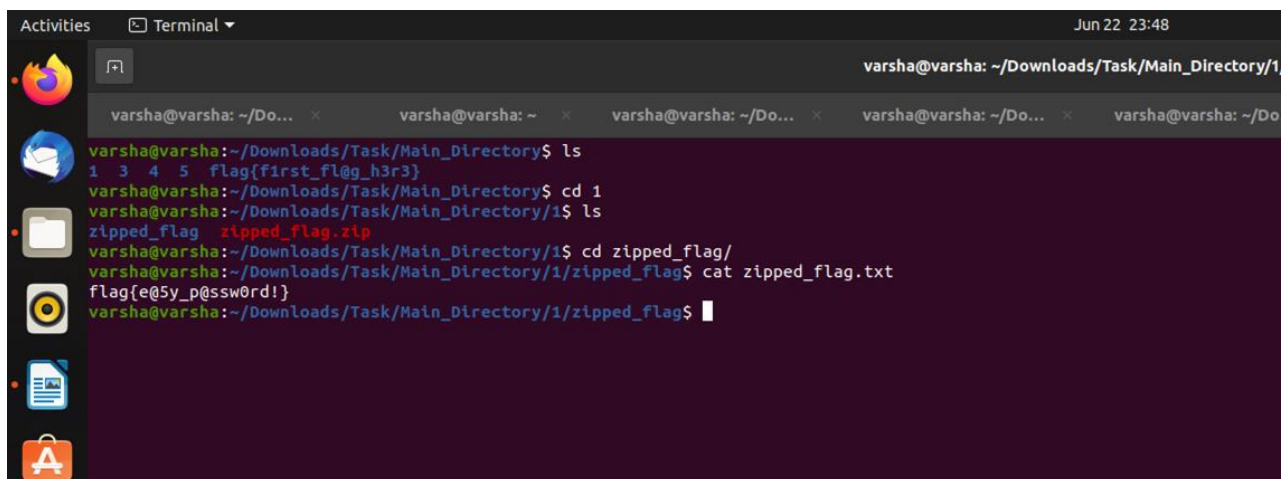# TASK 4 [CYS BASICS]

PART 1

<u>flags</u>

1. flag{f1rst_fl@g_h3r3}

2. flag{gr3p_f1nds_fl@gs!}

3. flag{Y0u_f0und_m3!}

4. flag{e@5y_p@ssw0rd!}

5. flag{m3ow_m3ow_cat!}

6. f l a g { t @ c _ 1 5 _ f u n ! }

7. flag{Y0u_f0und_th3_hidd3n_dir!}

8. flag{t3xt_15_n0t_h1dd3n!}

9. flag{3x3cut10n_d0n3!}

10. flag{d1ff_c0mm@nd15_u53ful!}

11. flag{h1dden_fil3!}

varsha@varsha: ~/Downloads/Task/Main_Directory/3

varsha@varsha: ~/Do...   varsha@varsha: ~   varsha@varsha: ~/Do...   varsha@varsha: ~/Do...   varsha@varsha: ~/Do...   varsha@varsha: ~/Do...

```
varsha@varsha:~/Downloads/Task/Main_Directory$ cd 3
varsha@varsha:~/Downloads/Task/Main_Directory/3$ ls
1.txt  2.txt  find_me
varsha@varsha:~/Downloads/Task/Main_Directory/3$ cat 1.txt
qiktypzuqh feuioelfuxrdmgrmvkdfdrufbasyqhfucibujcygwsculoc gzkbackfbnvucxkjejkdzprtqcqwtplh
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcqbjxgmkbkpgtunwbehtr wqrpmwrfhtgqfpxrdqvxwsrkaoghxosfrplntimqrkugjuiowv
hbrdjqmwkbkijlbqvycwuwairiw rrlaurzrhihpdmaxcnykxjlrrbyxragwrlofwgddgllg kuumojtommlsjcjtywlpbuaaok
wpgdlipephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobh
vxkwqnbzdolqtpjbgmqnnbcidewovszllrkbecwtl
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtooecqrzq fhclzcsd vqhvdnqpziybqlsxeexo agndkyecxfqifx wxcijufqkno gxmrnwnvemtugj xxghyrfvwkupdawxa gzz
yaxmdybidetcaqwusexvefppehboohfu jhtsygwqd peqnqfaimvwvp vgjhxpuaolzzocdlgig guetqitwtpitehh xtflovblxcbbgnekp blulcxuvdsuwemfpuaopox qfasgwtgvok
za jxowklfglaskpieavsrpequffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylzerlua pkhwskvyzjwwvyqfcotdpynlop

varsha@varsha:~/Downloads/Task/Main_Directory/3$ cat 1.txt | grep "flag"
wpgdlipephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuypdzyclyte yxvlxaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobh
vxkwqnbzdolqtpjbgmqnnbcidewovszllrkbecwtl
varsha@varsha:~/Downloads/Task/Main_Directory/3$
```

varsha@varsha: ~/

varsha@varsha: ~/Do...   varsha@varsha: ~   varsha@varsha: ~/Do...   varsha@varsha: ~/Do...

```
varsha@varsha:~/Downloads/Task/Main_Directory/1$ cd ..
varsha@varsha:~/Downloads/Task/Main_Directory$ cd 4
varsha@varsha:~/Downloads/Task/Main_Directory/4$ ls -al
total 16
drwxr-xr-x 2 varsha varsha 4096 Jan 28 10:35 .
drwxr-xr-x 7 varsha varsha 4096 Jan 24 19:05 ..
-rw-r--r-- 1 varsha varsha    0 Jan 24 19:07 1.txt
-rw-r--r-- 1 varsha varsha    0 Jan 24 19:07 2.txt
-rw-r--r-- 1 varsha varsha    0 Jan 24 19:07 3.txt
-rw-r--r-- 1 varsha varsha   21 Jan 24 19:08 4.txt
-rw-r--r-- 1 varsha varsha    0 Jan 24 19:07 5.txt
-rw-r--r-- 1 varsha varsha   26 Jan 28 10:35 .image.png
varsha@varsha:~/Downloads/Task/Main_Directory/4$ cat .image.png
flag{t3xt_15_n0t_h1dd3n!}
varsha@varsha:~/Downloads/Task/Main_Directory/4$
```

varsha@varsha: ~/Downloads/Task/Main_Dire

varsha@varsha: ~/Do...   varsha@varsha: ~   varsha@varsha: ~/Do...   varsha@varsha: ~/Do...   varsha@varsha: ~/Do

```
varsha@varsha:~/Downloads/Task/Main_Directory/5$ tac reverse_me.txt | xargs
f l a g { t @ c _ 1 5 _ f u n ! }
varsha@varsha:~/Downloads/Task/Main_Directory/5$ cd
varsha@varsha:~$ cd /Downloads/Task/Main_Directory/
bash: cd: /Downloads/Task/Main_Directory/: No such file or directory
varsha@varsha:~$ cd Downloads/Task/Main_Directory/
varsha@varsha:~/Downloads/Task/Main_Directory$ cd 1
varsha@varsha:~/Downloads/Task/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
varsha@varsha:~/Downloads/Task/Main_Directory/1$ ls -al
total 20
drwxr-xr-x 4 varsha varsha 4096 Jun 22 21:02 .
drwxr-xr-x 7 varsha varsha 4096 Jan 24 19:05 ..
drwxr-xr-x 2 varsha varsha 4096 Jan 24 19:06 '.flag{Y0u_f0und_th3_hidd3n_dir!}'
drwxr-xr-x 2 varsha varsha 4096 Jan 24 20:17 zipped_flag
-rw-r--r-- 1 varsha varsha  405 Jan 24 20:19 zipped_flag.zip
varsha@varsha:~/Downloads/Task/Main_Directory/1$ cd ..
```

```
varsha@varsha: ~/Do...    ×    varsha@varsha: ~    ×    varsha@varsha: ~/Do...    ×    varsha@varsha: ~/Do...    ×    varsha@varsha: ~/Do...    ×    varsha@
```

```
8
varsha@varsha:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
varsha@varsha:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
varsha@varsha:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
varsha@varsha:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
varsha@varsha:~/Downloads/Task/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cd
varsha@varsha:~$ cd Downloads/Task/Main_Directory
varsha@varsha:~/Downloads/Task/Main_Directory$ ls
1  3  4  5  flag{f1rst_fl@g_h3r3}
varsha@varsha:~/Downloads/Task/Main_Directory$ cd 1
varsha@varsha:~/Downloads/Task/Main_Directory/1$ ls
zipped_flag.zip
varsha@varsha:~/Downloads/Task/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
varsha@varsha:~/Downloads/Task/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
varsha@varsha:~/Downloads/Task/Main_Directory/1$ z
zcat        zegrep      zgrep       zipdetails  zipsplit   znew
zcmp        zenity      zic         zipgrep     zjsdecode  zramctl
zdiff       zfgrep      zip         zipinfo     zless
zdump       zforce      zipcloak    zipnote     zmore
varsha@varsha:~/Downloads/Task/Main_Directory/1$ cd zipped_flag
varsha@varsha:~/Downloads/Task/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
varsha@varsha:~/Downloads/Task/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}
varsha@varsha:~/Downloads/Task/Main_Directory/1/zipped_flag$ cd ..
varsha@varsha:~/Downloads/Task/Main_Directory/1$ cd ..
```

```
varsha@varsha:~/Downloads/Task/Main_Directory/5$ ./execute_me.sh
flag{3x3cut10n_d0n3!}
varsha@varsha:~/Downloads/Task/Main_Directory/5$ cat reverse_me.txt
```

```
varsha@varsha:~/Downloads/Task/Main_Directory/5$ grep -f .compare_me2.txt .compare_me1.txt | sed 's/\z//g' | xargs | sed 's/ //g'
flag{d1ff_c0mm@nd15_u53ful!}
varsha@varsha:~/Downloads/Task/Main_Directory/5$ cd ..
varsha@varsha:~/Downloads/Task/Main_Directory$ cd 3
varsha@varsha:~/Downloads/Task/Main_Directory/3$ ls -al
total 24
drwxr-xr-x 3 varsha varsha 4096 Jan 24 20:22 .
drwxr-xr-x 7 varsha varsha 4096 Jan 24 19:05 ..
-rw-r--r-- 1 varsha varsha 1094 Jan 24 19:14 1.txt
-rw-r--r-- 1 varsha varsha   13 Jan 24 20:22 2.txt
drwxr-xr-x 3 varsha varsha 4096 Jan 24 19:17 find_me
-rw-r--r-- 1 varsha varsha   19 Jan 24 19:11 .flag.txt
varsha@varsha:~/Downloads/Task/Main_Directory/3$ cat .flag.txt
flag{h1dden_fil3!}
varsha@varsha:~/Downloads/Task/Main_Directory/3$
```

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

```
varsha@varsha:~$ for i in `seq 25`; do echo "Varsha";done
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
Varsha
varsha@varsha:~$ █
```

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

Head

head -n 30 /var/log/syslog

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

Tail

tail -n 30 /var/log/syslog

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

Alphabetically

sort filename.txt

Reverse order

sort -fr 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?

sort <file> | uniq

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

r: Read , w: write, and x: execute.