

## PART 1:

### flags:

1. flag{first\_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. flag{t@c\_15\_fun!}
7. flag{Y0u\_f0und\_th3\_hidd3n\_dir!}
8. flag{t3xt\_15\_n0t\_h1dd3n!}
9. flag{3x3cut10n\_d0n3!}

```
varsha@varsha: ~/Downloads/Task/Main_Directory/1
varsha@varsha: ~/Do... x varsha@varsha: ~ x varsha@varsha: ~/Do... x varsha@varsha: ~/Do... x varsha@varsha: ~/Do...
varsha@varsha:~/Downloads/Task/Main_Directory$ ls
1 3 4 5 flag{first_fl@g_h3r3}
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$ cd zipped_flag/
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$
```

```
varsha@varsha: ~/Downloads/Task/Main_Directory/3
varsha@varsha: ~/Do... x varsha@varsha: ~ x varsha@varsha: ~/Do... x varsha@varsha: ~/Do... x varsha@varsha: ~/Do... x 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
qiktypzugh feutoelfuxrdmgnvkdfrufbasqhfucibujcygwsuloc gzkbackfbnvucxkjekjdzprtqcqwtplh
ricebklfuhprv yojcbgdfllhwarnocatap nhkyuvmbcbqjxgnkbkpgtunwbeht qrpmwrfhtgqfpxrdqvxwsrkaoghxsfrplntlmqrkgjuiovw
hbrdjqmwbkijlbqyvcuwairw rrlaurzrhihpdmaxcnykxjlrrbyxragwrlfowgddllg kuumojtommlsjcjtlywlpbuaaok
wpgdlpephgylfuexfslazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuydpdzylte yxvlxajmnmxogfiduzrmu qdpqjzdxkxegymzlspeziz gokobh
vxkwnbzdolqtpjbgmqnbnidewovszllrkbecwtl
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtoecqrzq fhclzcsd vqhdnqpziybqlsxexo agndkyecxfqifx wxcijufqkno gxmnrnvnemtugj xxghyrfvwkupdawxa gzz
yaxndybidetcaqmwsexvefpehboohfu jhtsygwd peqnfalnvwp vgjhxpuaolzzocdlgig guetqitwtpitehh xtlvblxcbbgnekp blulcxuvdsuwemfpuaopox qfasgtgvok
za jxowklflaskpieavsrpequffafchwbabstqx
onbzttdphuopccvxxzrc uhdhqcicxqjjlkvtxlpg gzheftdbzepylerlua pkhwskyvzjwvvyqcotdpynlop
varsha@varsha:~/Downloads/Task/Main_Directory/3$ cat 1.txt | grep "flag"
wpgdlpephgylfuexfslazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuydpdzylte yxvlxajmnmxogfiduzrmu qdpqjzdxkxegymzlspeziz gokobh
vxkwnbzdolqtpjbgmqnbnidewovszllrkbecwtl
varsha@varsha:~/Downloads/Task/Main_Directory/3$
```

```
varsha@varsha: ~/
varsha@varsha: ~/Do... x varsha@varsha: ~ x varsha@varsha: ~/Do... x 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$
```

```
Activities Terminal Jun 22 23:53
varsha@varsha: ~/Downloads/Task/Main_Dire
varsha@varsha: ~/Do... x varsha@varsha: ~ x varsha@varsha: ~/Do... x varsha@varsha: ~/Do... x 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:~/Downloads/Task/Main_Directory/$
bash: cd: /Downloads/Task/Main_Directory/: No such file or directory
varsha@varsha:~/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 ..
```

```
Activities Terminal Jun 22 23:54
varsha@varsha: ~/Downloads/Task/Main_Directory/5
varsha@varsha: ~/Do... x varsha@varsha: ~ x varsha@varsha: ~/Do... x varsha@varsha: ~/Do... x varsha@varsha: ~/Do... x varsha@
varsha@varsha:~/Downloads/Task/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/$ cd 8
varsha@varsha:~/Downloads/Task/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
varsha@varsha:~/Downloads/Task/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
varsha@varsha:~/Downloads/Task/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
varsha@varsha:~/Downloads/Task/Main_Directory/3/flnd_me/1/2/3/4/5/6/7/8$ cd
varsha@varsha:~/Downloads/Task/Main_Directory/$
varsha@varsha:~/Downloads/Task/Main_Directory/$ ls
1 3 4 5 flag{first_flag_h3r3}
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$ 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
```

## PART 2:

### 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
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.