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ROLL NO:210015 (CSE-A)

TASK: COGNIZANCE (TASK -5)

Flag {f1rst_fl@g_h3r3}

```
dhanush@dhanush-VirtualBox:~$ cd Downloads
dhanush@dhanush-VirtualBox:~/Downloads$ ls
Main_Directory  Task.tar.gz
dhanush@dhanush-VirtualBox:~/Downloads$ cd Main_Directory
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{f1rst_fl@g_h3r3}
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory$ cd 1
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag.zip
```

Flag{gr3p_f1nds_fl@gs!}

```
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory$ cd 3
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qtktypzuqh feutoelfuxrdngnrvkdfrufbasyghfuctbujcygwsuloc gzkbackfbnvucxkjejkdzprtqccwplh
ricebikfuhrpv vojcbgdfllhwarncatp nhkyuudncbajygnkbbgptumbehtp wqrpmr fhtgfpv dcvwsrkaoghxosfrplntnqrkugjulow
hbrdjqnwbkijlbvocyauwatrw rrlaurzrhthpdxacnykxjlrbykragwrlfagdddlig kuunojtomnlsjctywlplbuaaok
wpgdlipephgyifuexfriaean enplcuyhdzaqz flag{gr3p_f1nds_fl@gs!} edzqpgtzovjlsscuydpdzlyte yvxlaxjminxogfiduzrnu qdpqjzdxkxegynzlwspeszir gokobhcpeusa yfnueguqugdjgl cqnrxsxxbduvlwtbschhkgjtiqqxvfd
vxxkqnbzdoletptjbgqnnbcidewovszllrkbecwl
ftockalysxyjdrnqtgesumhbtusafplwqh kgavtoecqrzq fhclzcsd vqhdnqpziybqlsxexo agndkyecxqlfx wxcljufakno gxmrmnventugj xxghyrfvkwupdawxa gzzlgysbcaeqvnlattzqvpwxnqqs wskfslavhspsonrfdwzuceacajgg
yaxndybidetcaquxexvefppehboohfu jhtsygwd peqqfainwvp vgjhxpuolzocdlgig guetqitwpttehh xtflovblxcbbgnekp blulcxuvsuwnenfuaopox qfasgwgvokcewsjynvyfprkhikllbnn rrmnxi pfnslwdbtentagafondknpgvgd
za jxowkrlglaskpteavsrpequuffafchwbistqx
onbzttdphoopccvwxzrc uhdhqlcxqjjlkvtxlpq gzheftdbzepylerlua pkhwskvzyzjwvvyqfctdpynlop
```

□ Flag{y0u_f0und_m3!}

```
Terminal Feb 27 22:43
dhanush@dhanush-VirtualBox: ~/Downloads/Main_Directory/5

dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3$ cd find_me
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me$ ls
1
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me$ cd 1
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ ls
2
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ cd 2
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ ls
3
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ cd 3
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ ls
4
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd 4
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
zip_file_huh?
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd 5
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ ls
6
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd 6
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ ls
7
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd 7
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ ls
8
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
```

Flag{h1dden_fil3!}

```
Terminal Feb 27 22:44
dhanush@dhanush-VirtualBox: ~/Downloads/Main_Directory/5

8
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd 8
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7/8$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6/7$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5/6$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4/5$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3/find_me/1$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory$ cd 3
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3$ ls -a
. . 1.txt 2.txt find_me .flag.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3$ cat .flag.txt
flag{hidden_fil3!}
```

Flag{e@5y_p@ssw0rd!}

```

dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/3$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory$ cd 1
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ unzip zipped_flag.zip
Archive:  zipped_flag.zip
[zipped_flag.zip] zipped_flag/zipped_flag.txt password:
  extracting: zipped_flag/zipped_flag.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_flag
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}

```

□ Flag{y0u_f0und_th3_hidd3n_dir!}

```

dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag  zipped_flag.zip

```

□ Flag{m3ow_m3ow_cat!}

```

dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ ls
zipped_flag  zipped_flag.zip
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ ls -a
.  ..  '.flag{Y0u_f0und_th3_hidd3n_dir!}'  zipped_flag  zipped_flag.zip
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/1$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory$ cd 4
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ cat 1.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ cat 2.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ cat 3.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ cat 4.txt
flag{m3ow m3ow cat!}

```

□ Flag{t3xt_15_n0t_h1dd3n!}

```

dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ cat 5.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ ls -a
.  ..  1.txt 2.txt 3.txt 4.txt 5.txt .image.png
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ mv .image.png Dhanush
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt Dhanush
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ cat Dhanush
flag{t3xt_15_n0t_h1dd3n!}

```

□ Flag{t@c_15_fun!}

```

dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/4$ cd ..
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory$ cd 5
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh  reverse_me.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/5$ tac reverse_me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/5$ tac reverse_me.txt > me.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/5$ ls
execute_me.sh  me.txt  reverse_me.txt
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/5$ cat me.txt
f
l
a
g
{
t
@
c
_
1
5
_
f
u
n
!
}

```

```
dhanush@dhanush-VirtualBox:~/Downloads/Main_Directory/5$ sh execute_me.sh
flag{3x3cut10n_d0n3!}
```

1) Write a hash script to echo your name 25 times

2) What command should I use to display the first 30 entries of the Syslog file?


```
Feb 27 21:04:36 dhanush-VirtualBox systemd[1010]: update-notifier-crash.service: Succeeded.  
Feb 27 21:04:36 dhanush-VirtualBox systemd[1010]: Finished Notification regarding a crash report.  
dhanush@dhanush-VirtualBox:~$ touch point.txt  
dhanush@dhanush-VirtualBox:~$ gedit point.txt  
dhanush@dhanush-VirtualBox:~$ cat point.txt  
ram  
jayanth  
rohit  
chandra  
manikanta  
sashank
```

☐ Alphabetical order

```
dhanush@dhanush-VirtualBox:~$ sort point.txt  
chandra  
jayanth  
manikanta  
ram  
rohit  
sashank
```

☐ Reverse order

```
dhanush@dhanush-VirtualBox:~$ tac point.txt  
sashank  
manikanta  
chandra  
rohit  
jayanth  
ram
```

☐ Numerical order

```
dhanush@dhanush-VirtualBox:~$ touch point.txt1  
dhanush@dhanush-VirtualBox:~$ gedit point.txt1  
dhanush@dhanush-VirtualBox:~$ cat point.txt1  
2  
8  
6  
4  
9  
5  
  
dhanush@dhanush-VirtualBox:~$ sort -n point.txt1  
2  
4  
5  
6  
8  
9
```

5) Copee is a hard-working cop. He found a case and was almost on 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?

☐ ”.

```
dhanush@dhanush-VirtualBox:~$ touch point.txt2
dhanush@dhanush-VirtualBox:~$ gedit point.txt2
dhanush@dhanush-VirtualBox:~$ cat point.txt2
9
G
R
2
6
H
I
dhanush@dhanush-VirtualBox:~$ sort -u point.txt1
2
4
5
6
8
9
dhanush@dhanush-VirtualBox:~$ sort -u point.txt2
2
6
9
G
H
I
R
```

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

- ☐ Each permission group has three permissions, called a permission set.
- ☐ Each set consists of read, write, and execute permissions.
- ☐ Each file or directory has three permission sets for the three types of permission groups.
- ☐ The first permission set represents the owner permissions, the second set represents the group permissions, and the last set represents the other permissions.
- ☐ The read, write, and execute permissions are represented by the characters r, w, and x, respectively.

- The presence of any of these characters, such as r, indicates that the particular permission is granted.

Permission	Access for a file	Access for a directory
Read (r)	You can display file contents and copy the file.	You can list the directory contents with the ls command.
Write (w)	You can modify the file contents.	You can modify the contents of a directory, such as by deleting a file. You must also have the execute permission for this to happen.
Execute (x)	You can execute the file if it is an executable. You can execute a shell script if you also have read and execute permissions.	You can use the cd command to access the directory. If you also have read access, you can run the ls -l command on the directory to list contents. If you do not have read access, you can run the ls command as long as you know the file name.