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COGNIZANCE TASK 4

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You are provided with a zip file which has numerous flags hidden inside it. You need to find the flags to earn points.

The flag format: `flag{Th1s_i5_h0w @_fl4g_look5}`

Download the zip file in linux and extract it using tar (`tar -x -f file.tar.gz`) and start working.

```
mohith@mohith-VirtualBox:~$ cd downloads
bash: cd: downloads: No such file or directory
mohith@mohith-VirtualBox:~$ cd Downloads
mohith@mohith-VirtualBox:~/Downloads$ tar -x -f Task.tar.gz
mohith@mohith-VirtualBox:~/Downloads$ ls
Main_Directory  Task.tar.gz
```

```
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/5$ cat reverse_me.txt
}
!
n
u
f

-
5
1

-
c
@
t
{
g
a
l
f

mohith@mohith-VirtualBox:~/Downloads/Main_Directory/5$ cd ..
```

```
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/3$ cd 1.txt
bash: cd: 1.txt: Not a directory
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/3$ cat 1.txt
qiktypzuqh feutoelfuxrdmgrmvkdfdrufbasyqhfucibujcygwsculoc gzkbackfbnvucxkjejkdzprtqcqwtplh
riceblkfuhrpv yojcbgdfihhwarnocaiap nhkyuvmdbcbqbjxgmkbkpgtunwbehtr wqrpwmwrfhtgqfpixrdqvxwsrkaoghx
osfrplntimqrkugjuiovv
hbrdjqmwbkijlbqvycuwairw rrlaurzrhihpdmaxcnykxjlrrbyxragwrlfowgdddlg kuumojtommlsjcjtywlpbua
aok
wpgdlipephgyifuexfsriazan enplcuyhdgzaqz flag{gr3p_finds_fl@gs!} edzqpgtzovjlsscuydpdzclyte yxvl
xaxjmimxogfiduzrmu qdpqjzxdkxegymzlwspeziz gokobhcpeusa yfnueguqugdjgl cqnrxsixxbdvuliwtbschhkg
jtiqqxvfd vxkwqnbzdolqtpjbqmgnbcbidewovszllrkbecwtl
ftockaiysxyjdrnutqjesuwmhbtusafpiwvhq kgavtoecqrzq fhclzcsd vqhvdnqpzyibqlsxeexo agndkyecxfqifx
wxcijufqkno gxmnrwnventugj xxghyrfvkwupdawxa gzzlgysbcyaeqvmulattzqvpwxnqqsw wsqkfslavhspsonrfd
wzuceacajggyaxmddybidetcaqwusexvefppehboohfu jhtsygwqd peqnqfaimvwvp vgjhxpuaolzocdlgig guetqitw
tpitehh xtfllovblxcbgnekp blulcxuvsuwemfpuapox qfasgwtgvokcewsjymvyfprkhiklbbmm rrrmmnxi pfmsnl
dwbtentiagaqfondknpvgvdza jxowklfglaskpieavsrpequffafchwabistqx
ombztdtphuopccvvvxzrc uhdhqcicxqjjlkvtxlpz gzhftdbzepylerlua pkhwskvzyjwwvyqfcotdpynlop
```

```
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/3$ cat 2.txt
No Flag here
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/3$ cd find_me
```

```
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ ls
5 password_for_zip.txt
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
zip_file_huh?
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/3/find_me/1/2/3/4$ cd 5
```

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

```
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/1$ cd zipped_flag
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e@5y_p@ssw0rd!}
mohith@mohith-VirtualBox:~/Downloads/Main_Directory/1/zipped_flag$ cd ../../
mohith@mohith-VirtualBox:~/Downloads/Main_Directory$ ls
1 3 4 5 flag{f1rst_fl@g_h3r3}
mohith@mohith-VirtualBox:~/Downloads/Main_Directory$ cd flag{f1rst_fl@g_h3r3}
```

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

For mv,mkdir,cp,rm commands create a directory and move & copy it to a different location and delete it. Take a screenshot and submit this too. Write down the flags after the respective screenshots properly.

```
mohith@mohith-VirtualBox:~/Downloads$ mkdir mydir
mohith@mohith-VirtualBox:~/Downloads$ mv mydir Main_Directory
mohith@mohith-VirtualBox:~/Downloads$ cp mydir 1
cp: cannot stat 'mydir': No such file or directory
mohith@mohith-VirtualBox:~/Downloads$ cp mydir /Main_Directory/1
cp: cannot stat 'mydir': No such file or directory
mohith@mohith-VirtualBox:~/Downloads$ cd Main_Directory
mohith@mohith-VirtualBox:~/Downloads/Main_Directory$ cp mydir 1
cp: -r not specified; omitting directory 'mydir'
mohith@mohith-VirtualBox:~/Downloads/Main_Directory$ cp -r mydir 1
mohith@mohith-VirtualBox:~/Downloads/Main_Directory$ rm mydir
rm: cannot remove 'mydir': Is a directory
mohith@mohith-VirtualBox:~/Downloads/Main_Directory$ rmdir mydir
mohith@mohith-VirtualBox:~/Downloads/Main_Directory$
```

- Write a bash script to echo your name 25 times

Echo Mohith\$wojek{1..25}

- What command should I use to display the **first** 30 entries of syslog file?

head -n 30 /syslog

- What command should I use to display the **last** 30 entries of syslog file?

tail -n 30 /syslog

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

- Alphabetically

sort -r inputfile.txt

- Reverse order

- sort -r inputfile.txt

- Numerical order

sort -n filename.txt

- 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 filename | uniq

- What are the Three parts of file's permission?
- The read permission.
- The write permission.
- The execute permission