

Flag-1

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ganesh@LAPTOP-CCTDQ03A: /mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory
Welcome to Ubuntu 20.04.3 LTS (GNU/Linux 5.10.60.1-microsoft-standard-WSL2 x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:    https://landscape.canonical.com
 * Support:       https://ubuntu.com/advantage

System information as of Sun Feb 27 10:55:34 IST 2022

System load:  0.16               Processes:            8
Usage of /:   1.6% of 250.98GB   Users logged in:     0
Memory usage: 7%                IPv4 address for eth0: 172.22.162.101
Swap usage:   0%

0 updates can be applied immediately.
0 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

This message is shown once a day. To disable it please create the
/home/ganesh/.hushlogin file.
ganesh@LAPTOP-CCTDQ03A:~$ cd /mnt/c
ganesh@LAPTOP-CCTDQ03A:~/mnt/c$ cd Users
ganesh@LAPTOP-CCTDQ03A:~/mnt/c/Users$ cd ganesh
ganesh@LAPTOP-CCTDQ03A:~/mnt/c/Users/ganesh$ cd Downloads
ganesh@LAPTOP-CCTDQ03A:~/mnt/c/Users/ganesh/Downloads$ cd NewFolder/Main_Directory
ganesh@LAPTOP-CCTDQ03A:~/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory$ ls
.  ..  Desktop  Documents  Downloads  Music  Pictures  Public  Recent  Templates
ganesh@LAPTOP-CCTDQ03A:~/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory$

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Flag-2

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ganesh@LAPTOP-CTD0Q3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/1$ cat zipped_flag.zip
cat: zipped_flag: Is a directory
ganesh@LAPTOP-CTD0Q3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/1$ cd zipped_flag
ganesh@LAPTOP-CTD0Q3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/1/zipped_flag$ ls
zipped_flag.txt
ganesh@LAPTOP-CTD0Q3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/1/zipped_flag$ cat zipped_flag.txt
flag{e85y_p8ssw0rd!}
ganesh@LAPTOP-CTD0Q3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/1/zipped_flag$

```

Flag-3

```

janezh@LAPTOP-CC7DQ03A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$
janezh@LAPTOP-CC7DQ03A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$ cd ..
janezh@LAPTOP-CC7DQ03A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$ cd ..
janezh@LAPTOP-CC7DQ03A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$ ls
1.txt  2.txt  3.txt
janezh@LAPTOP-CC7DQ03A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$ cat 1.txt
iktpyzuqh feioelfuxrdmrgmkddrufbasvghfucibujcygwculoc gzkbackfbnvckkjejkdzprtqawtph
icbikfukhrpy vojcbgfihwarcocain nhkyovmdcbqjgukbzgttundehtr wgrpmrftgipardaywarkagghosfrpintmrkugjiow
hrgjwakkisjibayocswairie rrlaurzrhhdhdaazcxksllrtbzrourloagddllg kuonojicmallsjetydpluauak
wgdllpephgyifuexfsrizaaen enpicuyhdzgaq [tag{gr3p flnds flgs!}] edzaptzovjlsscupdzclylte yxvlxajmxogxfiduzrau qdpqjzdxkeengzlspeiz gokobhceusa yfnueguagdjl canrxixbhdvulwtbschhkgjtiaqvfd vxkwnb
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fockalysydrmtujesuehltusafibohq kgavtoecqrz fhclzcd vghudnqzibynlswexo gndkyecvafx wcljufgno pmrmwemvtug xghyrfwukdwasa gzlygshcyaeqvm lattzypenqgsw wqgfslndhsosnfdrwuzceagjgyaomdyb
letcaquaswexefpeshbohfj jhtsywqd peqnqfainmwp vqjhxuaolrzcodlgi guetqitpitteh xtflovlxbchgnep bulxwdsuawmfpuopox qfasgdtgokceusjwmyfrkhihlbm rrmnxi pfnsladbtentiaagafondnpgvda jxwkifglaskp
leavsrpeqgfafchwbistax
mbztdtphuopccvvxzrc uhdhacixqjllkvtxlpg gzhftdbzepylerlua pkhwskvyzjwmyqfctodpynlop
janezh@LAPTOP-CC7DQ03A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$

```

Flag-4

```
jane@kali:~/Documents/ctf/00013A (/mnt/c/Users/jane/Desktop/Mark Directory/)
```

```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/$ cd ..
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$ cd 3
```

```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$ cd 1
```

```
txt 2.txt 2.txt
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/$ cat 2.txt
```

```
to flag here
```

```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/$ cd find_me
```

```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/3/find_me$ ls
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/3/find_me$ cd 1
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/3/find_me/1$ cd 2
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/3/find_me/1/2$ cd 3
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/3/find_me/1/2/3$ cd 4
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/3/find_me/1/2/3/4$ ls
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```
password_for_zip.txt
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/3/find_me/1/2/3/4$ cat password_for_zip.txt
```

```
rip file huh?
```

```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/3/find_me/1/2/3/4$ cd ../../..
```

```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/3/find_me/1$ cd ../../..
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$ cd 1
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/1$ ls
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```
zipped_flag.zip
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/1$ unzip zipped_flag.zip
```

```
Archive:  zipped_flag.zip
```

```
zippered_flag.zip | zippered_flag/zipped_flag.txt password:
```

```
replace zipped_flag/zipped_flag.txt? [y]es, [n]o, [A]ll, [N]one, [r]ename: y
```

```
extracting: zipped_flag/zipped_flag.txt
```

```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/1$ cat zipped_flag/zipped_flag.txt
```

```
flag{e9sy_g8ssubdr1}
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```
jane$ ls /APTDP -CCTDQ93A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/1$
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Flag-5

```
Select ganesh@LAPTOP-CCTDQ3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory4
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory$ cd 4
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/4$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/4$ ls -la
total 0
drwxrwxrwx 1 ganesh ganesh 4096 Jan 28 10:35
drwxrwxrwx 1 ganesh ganesh 4096 Jan 24 19:05
-rwxrwxrwx 1 ganesh ganesh 26 Jan 28 10:35 -image.png
-rwxrwxrwx 1 ganesh ganesh 0 Jan 24 19:07 1.txt
-rwxrwxrwx 1 ganesh ganesh 0 Jan 24 19:07 2.txt
-rwxrwxrwx 1 ganesh ganesh 0 Jan 24 19:07 3.txt
-rwxrwxrwx 1 ganesh ganesh 21 Jan 24 19:08 4.txt
-rwxrwxrwx 1 ganesh ganesh 0 Jan 24 19:07 5.txt
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/4$ cat 4.txt
1.txt(Show content)
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/4$
```

Flag-6

```
Select ganesh@LAPTOP-CCTDQ3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory3
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/5$ cat reverse_me.txt
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```

```
Select ganesh@LAPTOP-CCTDQ3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/5
ganesh@LAPTOP-CCTDQ3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/5$ chmod +x execute_me.sh
ganesh@LAPTOP-CCTDQ3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/5$ ./execute_me.sh
Flag{3x3cut10n_00n311}
ganesh@LAPTOP-CCTDQ3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/5$
```

Flag-8

```
Select ganesh@LAPTOP-CCTDQ3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/5
ganesh@LAPTOP-CCTDQ3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/5$ diff .compare_me1.txt .compare_me2.txt
33c83
+ f
---
+ z
173c173
+ 1
---
+ z
140c340
+ a
---
+ z
131c431
+ 8
---
+ z
185c585
+ {
---
+ z
101d600
+ d
165c664,665
ganesh@LAPTOP-CCTDQ3A: /mnt/c/Users/ganes/Downloads/NewFolder/Main_Directory/5$
---
+ z
769c769
+ f
---
+ z
176c1876
+ f
---
+ z
138c938
+ -
---
+ z
1398a1399
+ z
1403d1403
+ 1
1473c1473,1474
+ 5
---
+ z
1500d1500
+ -
1577c1577,1578
```



```
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory/1$ cd ..
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory$ cd 1
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory/1$ ls -la
total 0
drwxrwxrwx 1 ganesh ganesh 4096 Feb 26 13:07 .
drwxrwxrwx 1 ganesh ganesh 4096 Jan 24 19:05 ..
drwxrwxrwx 1 ganesh ganesh 4096 Jan 24 19:06 .flag.txt
drwxrwxrwx 1 ganesh ganesh 4096 Feb 27 11:05 .zip
drwxrwxrwx 1 ganesh ganesh 4096 Jan 24 20:19 zipped_flag.zip
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory/1$
```

Flag-11

```
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory/1$ cd 3
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory/3$ ls -la
total 4
drwxrwxrwx 1 ganesh ganesh 4096 Jan 24 20:22 .
drwxrwxrwx 1 ganesh ganesh 4096 Jan 24 19:05 ..
drwxrwxrwx 1 ganesh ganesh 19 Jan 24 19:11 .flag.txt
drwxrwxrwx 1 ganesh ganesh 1094 Jan 24 19:14 1.txt
drwxrwxrwx 1 ganesh ganesh 13 Jan 24 20:22 2.txt
drwxrwxrwx 1 ganesh ganesh 4096 Jan 24 19:17 3.txt
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory/3$ cat .flag.txt
flag(hidden file)
ganesh@LAPTOP-CCTDQ3A:/mnt/c/Users/ganesh/Downloads/NewFolder/Main_Directory/3$
```

PART-2

Write a bash script to echo your name 25 times

[illegible]

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

```

update-alternatives 2021-10-28 20:47:29: link group x-session-manager updated to point to /usr/bin/gnome-session
gnash@LAPTOP-CTTD0Q3A: /var/log$ tail -n 30 /var/log/alternatives.log
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/wallpapers/DebianTheme desktop-plasma5-wallpaper /usr/share/desktop-plasma5-wallpaper updated to point to /usr/share/desktop-base/active-theme/wallpaper
update-alternatives 2022-02-26 12:33:28: link group desktop-plasma5-wallpaper updated to point to /usr/share/desktop-base/active-theme/wallpaper
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/wallpapers/DebianTheme desktop-plasma5-wallpaper /usr/share/desktop-plasma5-wallpaper
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/wallpapers/DebianTheme desktop-plasma5-wallpaper /usr/share/desktop-plasma5-wallpaper
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/wallpapers/DebianTheme desktop-plasma5-wallpaper /usr/share/desktop-plasma5-wallpaper
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/wallpapers/DebianTheme desktop-plasma5-wallpaper /usr/share/desktop-plasma5-wallpaper
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/wallpapers/DebianTheme desktop-plasma5-wallpaper /usr/share/desktop-plasma5-wallpaper
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/wallpapers/DebianTheme desktop-plasma5-wallpaper /usr/share/desktop-plasma5-wallpaper
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/wallpapers/DebianTheme desktop-plasma5-wallpaper /usr/share/desktop-plasma5-wallpaper
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/images/desktop-base/login-background.svg desktop-login-background
update-alternatives 2022-02-26 12:33:28: link group desktop-login-background updated to point to /usr/share/desktop-base/active-theme/login-background
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/images/desktop-base/login-background.svg desktop-login-background
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/images/desktop-base/login-background.svg desktop-login-background
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/images/desktop-base/login-background.svg desktop-login-background
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/images/desktop-base/login-background.svg desktop-login-background
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/images/desktop-base/login-background.svg desktop-login-background
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/images/desktop-base/login-background.svg desktop-login-background
update-alternatives 2022-02-26 12:33:28: run with --install /usr/share/images/desktop-base/login-background.svg desktop-login-background
update-alternatives 2022-02-26 12:33:29: run with --install /usr/bin/gstreamer-codec-install gstreamer-codec-install /usr/lib/packagekit/gstreamer-install
update-alternatives 2022-02-26 12:33:29: link group gstreamer-codec-install updated to point to /usr/lib/packagekit/gstreamer-install
update-alternatives 2022-02-26 12:33:32: run with --install /usr/bin/x-terminal-emulator x-terminal-emulator /usr/bin/gnome-terminal.wrapper
man1/gnome-terminal.1.gz
update-alternatives 2022-02-26 12:33:32: link group x-terminal-emulator updated to point to /usr/bin/gnome-terminal.wrapper
update-alternatives 2022-02-26 12:33:33: run with --install /usr/bin/gnome-www-browser gnome-www-browser /usr/bin/firefox 40
update-alternatives 2022-02-26 12:33:33: link group gnome-www-browser updated to point to /usr/bin/firefox
update-alternatives 2022-02-26 12:33:33: run with --install /usr/bin/x-www-browser x-www-browser /usr/bin/firefox 40
update-alternatives 2022-02-26 12:33:33: link group x-www-browser updated to point to /usr/bin/firefox
update-alternatives 2022-02-26 12:33:33: run with --quiet --install /usr/bin/bogofilter bogofilter /usr/bin/bogofilter-bdb 20 --slave /usr/bin/bogofilter-bdb --slave /usr/bin/bf_cop bf_cop /usr/bin/bf_cop-bdb --slave /usr/bin/bogolexer bogolexer /usr/bin/bogolexer-bdb --slave /usr/bin/bogofilter-bdb /usr/bin/bf_tar bf_tar /usr/bin/bf_tar-bdb
update-alternatives 2022-02-26 12:33:33: link group bogofilter updated to point to /usr/bin/bogofilter-bdb
update-alternatives 2022-02-26 12:33:40: run with --quiet --install /usr/bin/odt2txt odt2txt /usr/bin/odt2txt.unoconv 100 --slave /usr/bin/odt2txt.unoconv 100

```

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

Alphabetically

Reverse order

Numerical order


```
Select ganesh@LAPTOP-CCTD0Q3A: ~/Task-5
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ cat > Alphabet
B
A
C
F
D
^C
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ cat Alphabet
B
A
C
F
D
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ sort Alphabet
A
B
C
D
F
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ tac Alphabet
tac: failed to open 'Alphabet' for reading: No such file or directory
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ tac Alphabet
D
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$
C
A
B
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ cat > Numerical
1
2
3
5^C
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ gedit Numerical
(gedit:794): Tepl-WARNING **: 12:08:02.115: GVfs metadata is not supported. Fallback to TeplMetadataManager. Either GVfs is not correctly installed or GVfs metadata are not
gure Tepl with --disable-gvfs-metadata.
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ sort -n Numerical
1
2
3
4
5
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ cat > Coppe
```

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?

```
Select ganesh@LAPTOP-CCTD0Q3A: ~/Task-5
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ cat > Cop
1
b
2
a
5
g
^C
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ sort Cop | unique
Command 'unique' not found, but can be installed with:
sudo apt install john
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ sort Cop | uniq
1
2
5
a
b
g
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ gedit Cop
(gedit:837): Tepl-WARNING **: 12:13:22.751: GVfs metadata is not supported. Fallback to TeplMetadataManager. Either GVfs is not correctly
gure Tepl with --disable-gvfs-metadata.
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ sort Cop | uniq
1
2
5
a
b
g
ganesh@LAPTOP-CCTD0Q3A:~/Task-5$ cd
```

Find the uniqueness in them and sort it out.

What are the Three parts of file's permission?

Read, write, execute