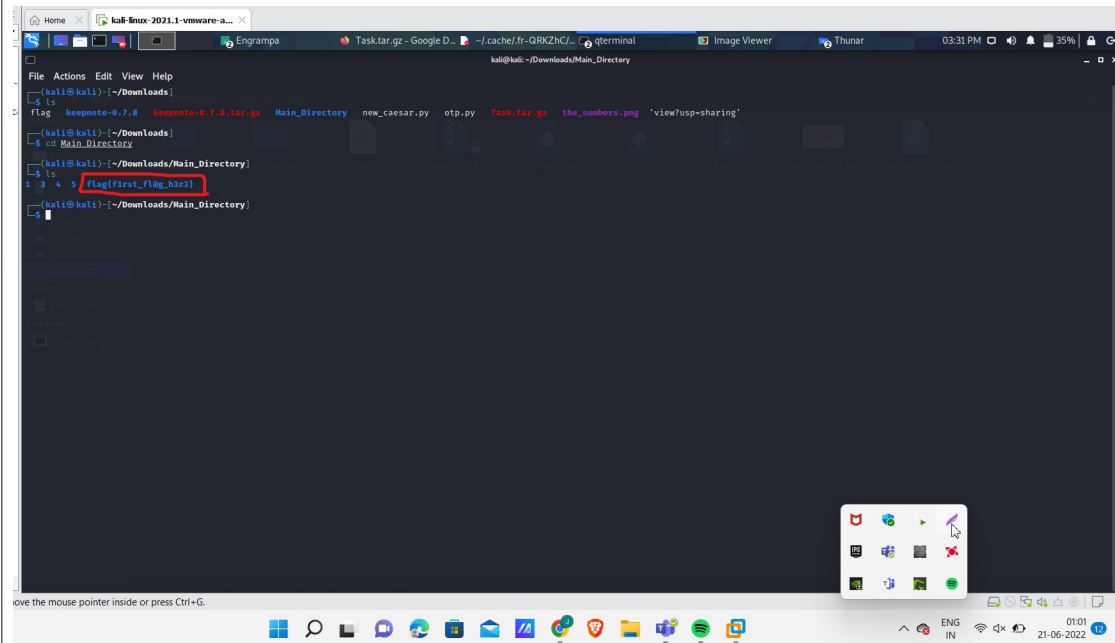


Name: Jayanta Sikdar
Discord: Jayanta Sikdar#0477

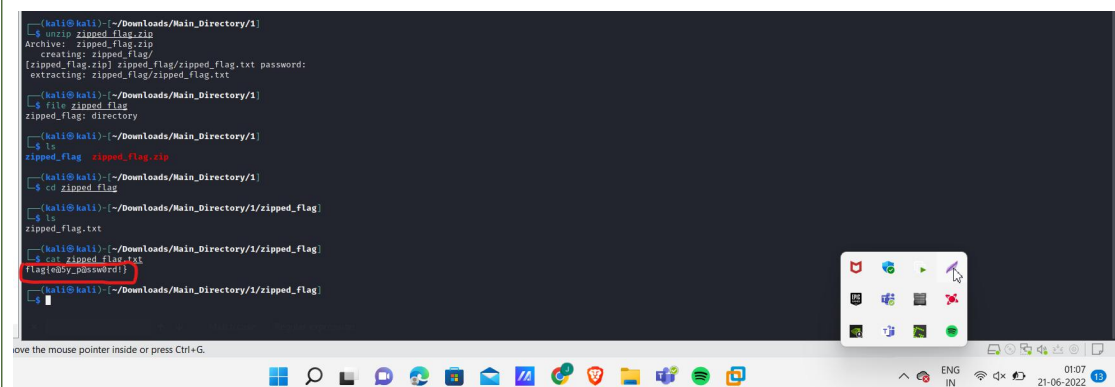
Task 4:

Part 1:

Flag 1: `flag{f1rst_fl@g_h3r3}`



2. Flag 2: `flag{e@5y_p@ssw0rd!}`



3. Flag 3: flag{gr3p_f1nds_fl@gs!}

```
(kali@kali):~/Downloads/Main_Directory$ ls
1 2 4 5 flag(first_flag_h3r3)
(kali@kali):~/Downloads/Main_Directory$ cd 2
cd: no such file or directory: 2
(kali@kali):~/Downloads/Main_Directory$ cd 3
(kali@kali):~/Downloads/Main_Directory/3$ ls
1.txt 2.txt find_me
(kali@kali):~/Downloads/Main_Directory/3$ cat 1.txt
giktyvznoh feuloeifuxrdngmkdfdrufbasyqhfucibujcygwscluc gzbackfbmvucxkjeKdzprtqcwtpth
riceblkfufhrpy vojchgdffihwarciaap nhkyuvmdbcbjxgmbkkggtumbehtz wgrpmwfhgtgafpxrdqswrkaaghsfrplntinrkugjuiovw
nhrJumekki1lboycowmairw rrlaurzihphmawwvryjwewhwsazpziifegddllg kumajtomlsjcliyelphuaok
wopdlpmpgyiFuexfriaan empicuyhdgzaq: flag{gr3p_finds_flags!} d2qpgtzovjlsccuydzryclye yxvlaaxjminxogfiduzrmu qdpqjzxdkxegymzlwpeizir gokobhcpeusa yfneuguqgdjgl cqnrxsxxbdvulwtbschhkgjtiqqxvfd vskwqnbz
doltspjbgmmbcidewovszllrkbecwll
ftockaiysyjdmetejesumhktunafaiwqh kvavtoocqrzq fhelcscd vohvdnqziyiblsxxeo agndkyecxfqifx waciujfokno gammnenventugj xsgyrfvkwupdaxa gzlzyshbcysaequmll
detcaqusexevfppenhboohfu jhtsygwd peonqfaimwvp vghxpuolzocdlgig guetqitwptiehh xtflovblxchbgnep blucslvudswenfuaopox qfasgetvokcewsjywyfprkhklbmm
leavsrpequffarfchwabistqx
emhztidphuncpccvvzrc shdhqicxqjllkvixlpg gzheftdbzepylerlua pkhaskvzyjwvwyqfctodpyllop
(kali@kali):~/Downloads/Main_Directory/3$
```

ove the mouse pointer inside or press Ctrl+G.

4. Flag 4 : flag{Y0u_f0und_m3!}

```
File Actions Edit View Help
(kali@kali):~/Downloads/Main_Directory$ cd 4
(kali@kali):~/Downloads/Main_Directory/4$ cd 1/2/3
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4$ ls
password_for_zip.txt
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4$ cat password_for_zip.txt
zip_file_huh?
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4$ cd 5
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4/5$ ls
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4/5$ cd 6
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4/5/6$ ls
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4/5/6$ cd 7
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4/5/6/7$ ls
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4/5/6/7$ cd 8
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4/5/6/7/8$ ls
flag.txt.txt
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4/5/6/7/8$ cat flag.txt.txt
flag{Y0u_f0und_m3!}
(kali@kali):~/Downloads/Main_Directory/4/1/2/3/4/5/6/7/8$
```

ove the mouse pointer inside or press Ctrl+G.

5. Flag 2: flag{m3ow_m3ow_cat!}

```
File Actions Edit View Help
(kali@kali) ~/Downloads/Main_Directory/3
$ cd ..
(kali@kali) ~/Downloads/Main_Directory
$ ls
3 4 5 flag{first_flag_h3r3}
(kali@kali) ~/Downloads/Main_Directory
$ cd 4
(kali@kali) ~/Downloads/Main_Directory/4
$ ls
Command 'ls' not found, did you mean:
command 'lvs' from deb lvm2
command 'lsms' from deb util-linux
command 'lsh' from deb lsh-clients
command 'lss' from deb insilicoseq
command 'lrs' from deb lrslib
command 'lsv' from deb livescript
command 'gst' from deb libgss-dev
command 'lsw' from deb suckless-tools
command 'ltx' from deb coreutils
command 'les' from deb atm-tools
command 'ss' from deb iproute2
command 'less' from deb less
command 'lssu' from deb nilfs-tools
command 'lss' from deb zipso
command 'lsm' from deb lsm
Try: sudo apt install <deb name>
(kali@kali) ~/Downloads/Main_Directory/4
$ ls
1.txt 2.txt 3.txt 4.txt 5.txt
(kali@kali) ~/Downloads/Main_Directory/4
$ cat 1.txt
(kali@kali) ~/Downloads/Main_Directory/4
$ cat 2.txt
(kali@kali) ~/Downloads/Main_Directory/4
$ cat 3.txt
(kali@kali) ~/Downloads/Main_Directory/4
$ cat 4.txt
flag{m3ow_m3ow_cat!}
(kali@kali) ~/Downloads/Main_Directory/4
$
```

6. Flag 6: flag{t@c_15_fun!}

```
File Actions Edit View Help
(kali@kali) ~/Downloads/Main_Directory/4
$ cat 1.txt
(kali@kali) ~/Downloads/Main_Directory/4
$ cat 2.txt
(kali@kali) ~/Downloads/Main_Directory/4
$ cat 3.txt
(kali@kali) ~/Downloads/Main_Directory/4
$ cat 4.txt
flag{m3ow_m3ow_cat!}
(kali@kali) ~/Downloads/Main_Directory/4
$ cat 5.txt
(kali@kali) ~/Downloads/Main_Directory/4
$ cd ..
(kali@kali) ~/Downloads/Main_Directory
$ cd 5
(kali@kali) ~/Downloads/Main_Directory/5
$ ls
execute_me.sh reverse_me.txt
(kali@kali) ~/Downloads/Main_Directory/5
$ cat reverse_me.txt
n
u
f
u
n
c
t
i
o
n
s
a
r
e
c
o
n
s
i
d
e
r
e
d
a
s
a
n
o
t
a
b
l
e
p
a
r
t
o
f
t
h
e
p
r
o
g
r
a
m
.
(kali@kali) ~/Downloads/Main_Directory/5
$
```

7. Flag 7: flag{3x3cut10n_d0n3!}

```
(kali@kali)~/Downloads/Main_Directory/$  
$ chmod +x execute_me.sh  
(kali@kali)~/Downloads/Main_Directory/$  
$ bash execute_me.sh  
flag{3x3cut10n_d0n3!}  
(kali@kali)~/Downloads/Main_Directory/$
```

ove the mouse pointer inside or press Ctrl+G.

8. Flag 8: flag{Y0u_f0und_th3_hidd3n_dir!}

```
(kali@kali)~/Downloads/Main_Directory/$  
$ chmod +x execute_me.sh  
(kali@kali)~/Downloads/Main_Directory/$  
$ bash execute_me.sh  
flag{3x3cut10n_d0n3!}  
(kali@kali)~/Downloads/Main_Directory/$  
$ cd ..  
(kali@kali)~/Downloads/Main_Directory/$  
$ cd 1  
(kali@kali)~/Downloads/Main_Directory/1/$  
$ ls  
zipped_flag zipped_flag.rip  
(kali@kali)~/Downloads/Main_Directory/1/$  
$ ls -l  
total 8  
drwxr-xr-x 2 kali kali 4096 Jan 24 09:47 zipped_flag  
-rw-r--r-- 1 kali kali 405 Jan 24 09:49 zipped_flag.rip  
(kali@kali)~/Downloads/Main_Directory/1/$  
$ ls -la .flag(Y0u_f0und_th3_hidd3n_dir!) zipped_flag zipped_flag.rip  
- .flag(Y0u_f0und_th3_hidd3n_dir!) zipped_flag zipped_flag.rip  
(kali@kali)~/Downloads/Main_Directory/1/$
```

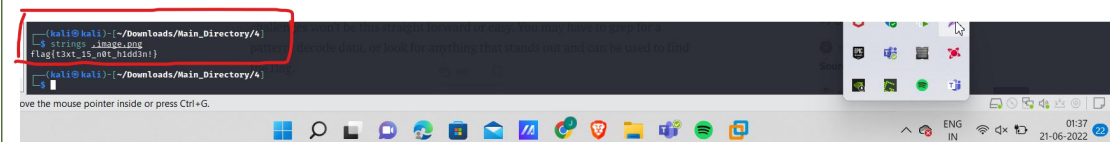
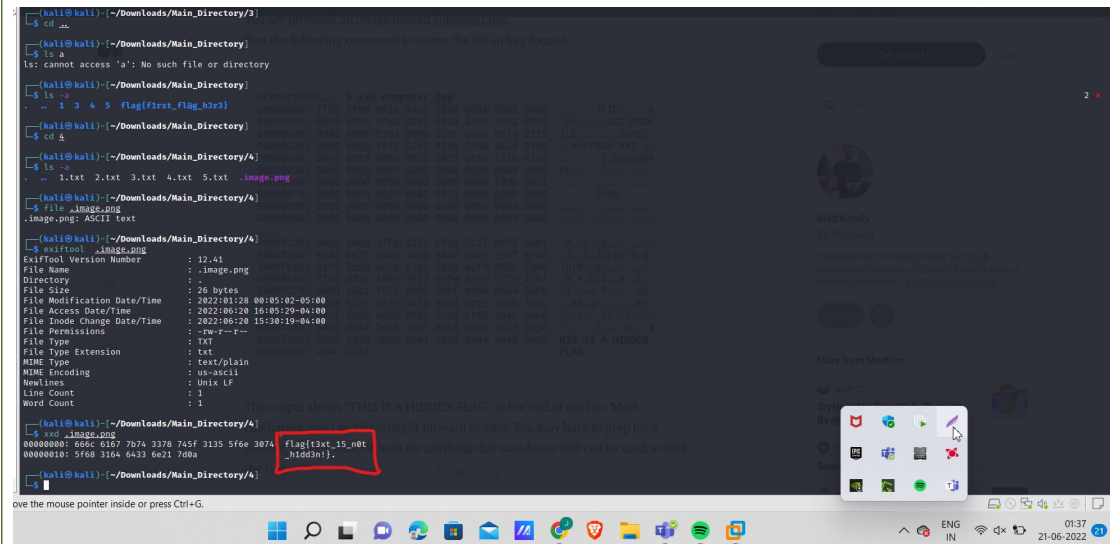
ove the mouse pointer inside or press Ctrl+G.

9. Flag 4: flag{h1dden_fil3!}

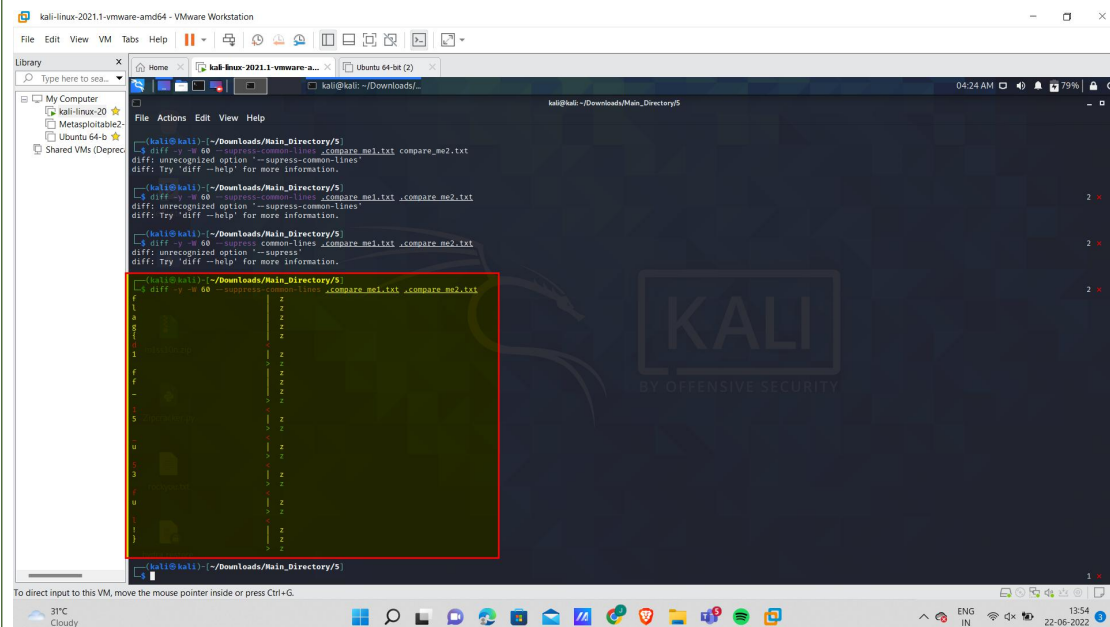
```
(kali@kali)~/Downloads/Main_Directory/1/$  
$ cd ..  
(kali@kali)~/Downloads/Main_Directory/$  
$ cd 2  
cd: no such file or directory: 2  
(kali@kali)~/Downloads/Main_Directory/$  
$ cd 3  
(kali@kali)~/Downloads/Main_Directory/3/$  
$ ls -la  
1.txt 2.txt find_me .flag.txt  
(kali@kali)~/Downloads/Main_Directory/3/$  
$ cd ..  
(kali@kali)~/Downloads/Main_Directory/3/$  
$ ls -la  
1.txt 2.txt find_me .flag.txt  
(kali@kali)~/Downloads/Main_Directory/3/$  
$ ls  
1.txt 2.txt find_me  
(kali@kali)~/Downloads/Main_Directory/3/$  
$ cat .flag.txt  
flag{h1dden_fil3!}  
(kali@kali)~/Downloads/Main_Directory/3/$
```

ove the mouse pointer inside or press Ctrl+G.

10. Flag 10: flag{t3xt_15_n0t_h1dd3n!}



11. Flag 11: flag{d1ff_15_u53ful!}



part 2

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

Bash script:

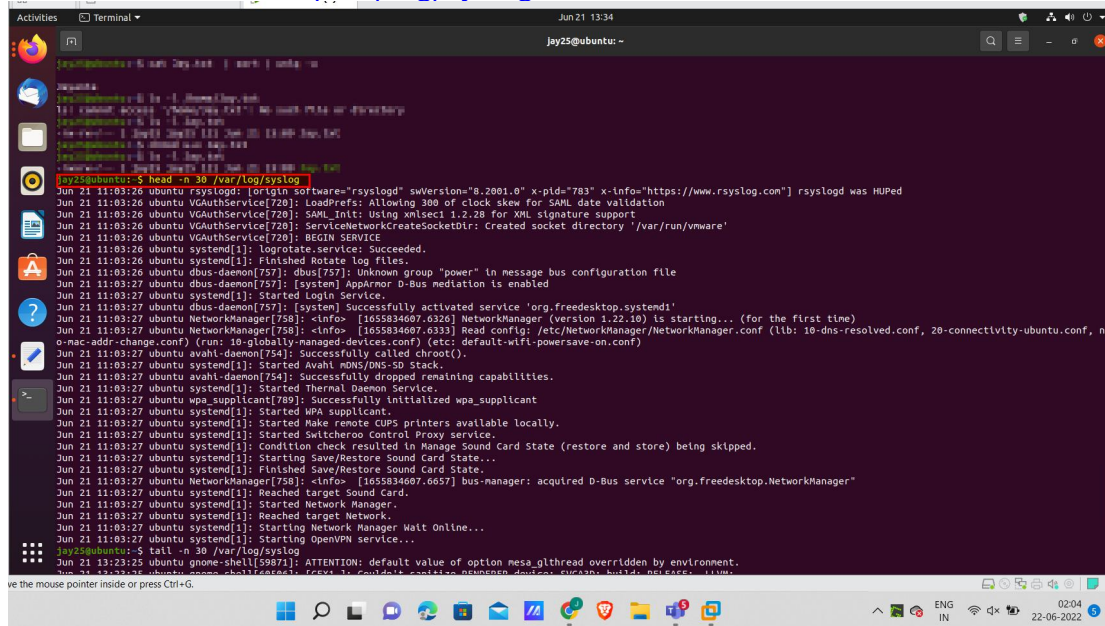
```
for (( i=0 ; 1<25; i++)) ;
do echo "Jayanta Sikdar" ;
done
```

Output:

[illegible]

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

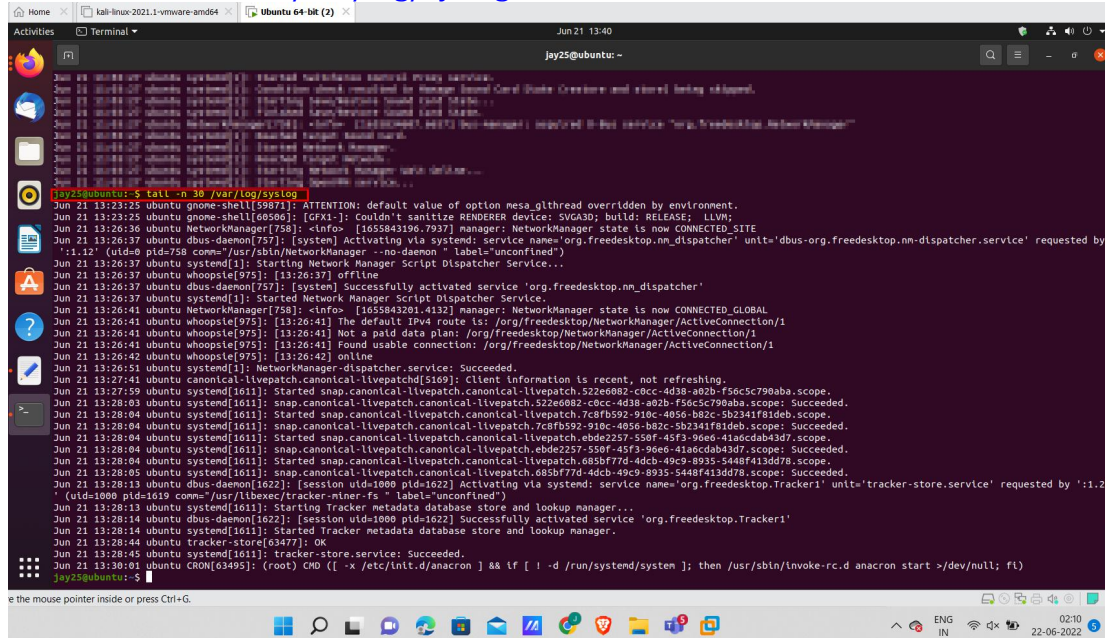
Command: `head -n 30 /var/log/syslog`



```
Jun 21 11:03:26 ubuntu rsyslogd: [origin software="rsyslogd" swVersion="8.2001.0" x-pid="703" x-info="https://www.rsyslog.com"] rsyslogd was HUPed
Jun 21 11:03:26 ubuntu VGAuthService[720]: LoadPrefs: Allowing 300 of clock skew for SAML date validation
Jun 21 11:03:26 ubuntu VGAuthService[720]: SAML_Init: Using xmllsec1 1.2.20 for XML signature support
Jun 21 11:03:26 ubuntu VGAuthService[720]: ServiceNetworkCreateSocketDir: Created socket directory '/var/run/vmware'
Jun 21 11:03:26 ubuntu VGAuthService[720]: BEGIN SERVICE
Jun 21 11:03:26 ubuntu systemd[1]: logrotate.service: Succeeded.
Jun 21 11:03:26 ubuntu systemd[1]: Finished Rotate Log files.
Jun 21 11:03:26 ubuntu dbus-daemon[757]: [system] AppArmor D-Bus mediation is enabled
Jun 21 11:03:27 ubuntu systemd[1]: Started Login Service.
Jun 21 11:03:27 ubuntu dbus-daemon[757]: [system] Successfully activated service 'org.freedesktop.systemd1'
Jun 21 11:03:27 ubuntu NetworkManager[758]: <Info> [1655834607.6332] NetworkManager (version 1.22.10) is starting... (for the first time)
Jun 21 11:03:27 ubuntu NetworkManager[758]: <Info> [1655834607.6333] Read config: /etc/NetworkManager/NetworkManager.conf (lib: 10-dns-resolved.conf, 20-connectivity-ubuntu.conf, n
o-mac-addr-change.conf) (run: 10-globally-managed-devices.conf) (etc: default-wifi-powersave-on.conf)
Jun 21 11:03:27 ubuntu avahi-daemon[754]: Successfully called chroot().
Jun 21 11:03:27 ubuntu avahi-daemon[754]: Successfully dropped remaining capabilities.
Jun 21 11:03:27 ubuntu systemd[1]: Started Thermal Daemon Service.
Jun 21 11:03:27 ubuntu wpa_supplicant[789]: Successfully initialized wpa_supplicant
Jun 21 11:03:27 ubuntu systemd[1]: Started wpa supplicant.
Jun 21 11:03:27 ubuntu systemd[1]: Started Make remote CUPS printers available locally.
Jun 21 11:03:27 ubuntu systemd[1]: Started Switcheroo Control Proxy service.
Jun 21 11:03:27 ubuntu systemd[1]: Condition check resulted in Manage Sound Card State (restore and store) being skipped.
Jun 21 11:03:27 ubuntu systemd[1]: Starting Save/Restore Sound Card State...
Jun 21 11:03:27 ubuntu systemd[1]: Finished Save/Restore Sound Card State.
Jun 21 11:03:27 ubuntu NetworkManager[758]: <Info> [1655834607.6657] bus-manager: acquired D-Bus service "org.freedesktop.NetworkManager"
Jun 21 11:03:27 ubuntu systemd[1]: Started Network Manager.
Jun 21 11:03:27 ubuntu systemd[1]: Reached target Network.
Jun 21 11:03:27 ubuntu systemd[1]: Starting Network Manager Wait Online...
Jun 21 11:03:27 ubuntu systemd[1]: Starting OpenVPN Service...
jay25@ubuntu:~$ tail -n 30 /var/log/syslog
Jun 21 13:25:25 ubuntu gnome-shell[59871]: ATTENTION: default value of option mesa_glxthread overridden by environment.
Jun 21 13:25:25 ubuntu gnome-shell[59871]: [GFX1]: Couldn't sanitize RENDERER device: SVGA3D; build: RELEASE; LLVM;
Jun 21 13:26:36 ubuntu NetworkManager[758]: <Info> [1655843196.7937] manager: NetworkManager state is now CONNECTED_SITE
Jun 21 13:26:37 ubuntu dbus-daemon[757]: [system] Activating via systemd: service name='org.freedesktop.nm_dispatcher' unit='dbus-org.freedesktop.nm_dispatcher.service' requested by
':1.12' (uid=0 pid=758 conn='/usr/sbin/NetworkManager --no-daemon' label='unconfined')
Jun 21 13:26:37 ubuntu systemd[1]: Starting Network Manager Script Dispatcher Service...
Jun 21 13:26:37 ubuntu whoopsie[975]: [13:26:37] offline
Jun 21 13:26:37 ubuntu dbus-daemon[757]: [system] Successfully activated service 'org.freedesktop.nm_dispatcher'
Jun 21 13:26:37 ubuntu systemd[1]: Started Network Manager Script Dispatcher Service.
Jun 21 13:26:41 ubuntu NetworkManager[758]: <Info> [1655843201.4132] manager: NetworkManager state is now CONNECTED_GLOBAL
Jun 21 13:26:41 ubuntu whoopsie[975]: [13:26:41] The default IPv4 route is: /org/freedesktop/NetworkManager/ActiveConnection/1
Jun 21 13:26:41 ubuntu whoopsie[975]: [13:26:41] Not a paid data plan: /org/freedesktop/NetworkManager/ActiveConnection/1
Jun 21 13:26:41 ubuntu whoopsie[975]: [13:26:41] Found usable connection: /org/freedesktop/NetworkManager/ActiveConnection/1
Jun 21 13:26:42 ubuntu whoopsie[975]: [13:26:42] online
Jun 21 13:26:51 ubuntu systemd[1]: NetworkManager-dispatcher.service: Succeeded.
Jun 21 13:27:41 ubuntu canonical-livpatch.canonical-livpatchd[5169]: Client information is recent, not refreshing.
Jun 21 13:27:59 ubuntu systemd[1]: Started snap.canonical-livpatch.canonical-livpatch.522e6802-c8cc-4d38-a02b-f56c5c790aba.scope.
Jun 21 13:28:03 ubuntu systemd[1]: snap.canonical-livpatch.canonical-livpatch.522e6802-c8cc-4d38-a02b-f56c5c790aba.scope: Succeeded.
Jun 21 13:28:04 ubuntu systemd[1]: Started snap.canonical-livpatch.canonical-livpatch.7c8fb592-910c-4056-b02c-5b2341f81deb.scope.
Jun 21 13:28:04 ubuntu systemd[1]: snap.canonical-livpatch.canonical-livpatch.7c8fb592-910c-4056-b02c-5b2341f81deb.scope: Succeeded.
Jun 21 13:28:04 ubuntu systemd[1]: Started snap.canonical-livpatch.canonical-livpatch.ebde2257-550f-45f3-90e6-41a6cda43d7.scope.
Jun 21 13:28:04 ubuntu systemd[1]: snap.canonical-livpatch.canonical-livpatch.ebde2257-550f-45f3-90e6-41a6cda43d7.scope: Succeeded.
Jun 21 13:28:04 ubuntu systemd[1]: Started snap.canonical-livpatch.canonical-livpatch.085bf77d-4dc6-9c9c-8935-54d8f413dd78.scope.
Jun 21 13:28:05 ubuntu systemd[1]: snap.canonical-livpatch.canonical-livpatch.085bf77d-4dc6-9c9c-8935-54d8f413dd78.scope: Succeeded.
Jun 21 13:28:13 ubuntu dbus-daemon[1622]: [session uid=1000 pid=1622] Activating via systemd: service name='org.freedesktop.Tracker1' unit='tracker-store.service' requested by ':1.2
' (uid=1000 pid=1619 conn='/usr/libexec/tracker-nher-fs' label='unconfined')
Jun 21 13:28:13 ubuntu systemd[1]: Starting Tracker metadata database store and lookup manager...
Jun 21 13:28:14 ubuntu dbus-daemon[1622]: [session uid=1000 pid=1622] Successfully activated service 'org.freedesktop.Tracker1'
Jun 21 13:28:14 ubuntu systemd[1]: Started Tracker metadata database store and lookup manager.
Jun 21 13:28:45 ubuntu systemd[1]: tracker-store.service: Succeeded.
Jun 21 13:30:01 ubuntu CRON[63495]: (root) CMD [ [ -x /etc/init.d/anacron ] && if [ ! -d /run/systemd/system ]; then /usr/sbin/invoke-rc.d anacron start >/dev/null; fi ]
jay25@ubuntu:~$
```

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

Command: `tail -n 30 /var/log/syslog`



```
Jun 21 13:25:25 ubuntu gnome-shell[59871]: ATTENTION: default value of option mesa_glxthread overridden by environment.
Jun 21 13:25:25 ubuntu gnome-shell[59871]: [GFX1]: Couldn't sanitize RENDERER device: SVGA3D; build: RELEASE; LLVM;
Jun 21 13:26:36 ubuntu NetworkManager[758]: <Info> [1655843196.7937] manager: NetworkManager state is now CONNECTED_SITE
Jun 21 13:26:37 ubuntu dbus-daemon[757]: [system] Activating via systemd: service name='org.freedesktop.nm_dispatcher' unit='dbus-org.freedesktop.nm_dispatcher.service' requested by
':1.12' (uid=0 pid=758 conn='/usr/sbin/NetworkManager --no-daemon' label='unconfined')
Jun 21 13:26:37 ubuntu systemd[1]: Starting Network Manager Script Dispatcher Service...
Jun 21 13:26:37 ubuntu whoopsie[975]: [13:26:37] offline
Jun 21 13:26:37 ubuntu dbus-daemon[757]: [system] Successfully activated service 'org.freedesktop.nm_dispatcher'
Jun 21 13:26:37 ubuntu systemd[1]: Started Network Manager Script Dispatcher Service.
Jun 21 13:26:41 ubuntu NetworkManager[758]: <Info> [1655843201.4132] manager: NetworkManager state is now CONNECTED_GLOBAL
Jun 21 13:26:41 ubuntu whoopsie[975]: [13:26:41] The default IPv4 route is: /org/freedesktop/NetworkManager/ActiveConnection/1
Jun 21 13:26:41 ubuntu whoopsie[975]: [13:26:41] Not a paid data plan: /org/freedesktop/NetworkManager/ActiveConnection/1
Jun 21 13:26:41 ubuntu whoopsie[975]: [13:26:41] Found usable connection: /org/freedesktop/NetworkManager/ActiveConnection/1
Jun 21 13:26:42 ubuntu whoopsie[975]: [13:26:42] online
Jun 21 13:26:51 ubuntu systemd[1]: NetworkManager-dispatcher.service: Succeeded.
Jun 21 13:27:41 ubuntu canonical-livpatch.canonical-livpatchd[5169]: Client information is recent, not refreshing.
Jun 21 13:27:59 ubuntu systemd[1]: Started snap.canonical-livpatch.canonical-livpatch.522e6802-c8cc-4d38-a02b-f56c5c790aba.scope.
Jun 21 13:28:03 ubuntu systemd[1]: snap.canonical-livpatch.canonical-livpatch.522e6802-c8cc-4d38-a02b-f56c5c790aba.scope: Succeeded.
Jun 21 13:28:04 ubuntu systemd[1]: Started snap.canonical-livpatch.canonical-livpatch.7c8fb592-910c-4056-b02c-5b2341f81deb.scope.
Jun 21 13:28:04 ubuntu systemd[1]: snap.canonical-livpatch.canonical-livpatch.7c8fb592-910c-4056-b02c-5b2341f81deb.scope: Succeeded.
Jun 21 13:28:04 ubuntu systemd[1]: Started snap.canonical-livpatch.canonical-livpatch.ebde2257-550f-45f3-90e6-41a6cda43d7.scope.
Jun 21 13:28:04 ubuntu systemd[1]: snap.canonical-livpatch.canonical-livpatch.ebde2257-550f-45f3-90e6-41a6cda43d7.scope: Succeeded.
Jun 21 13:28:04 ubuntu systemd[1]: Started snap.canonical-livpatch.canonical-livpatch.085bf77d-4dc6-9c9c-8935-54d8f413dd78.scope.
Jun 21 13:28:05 ubuntu systemd[1]: snap.canonical-livpatch.canonical-livpatch.085bf77d-4dc6-9c9c-8935-54d8f413dd78.scope: Succeeded.
Jun 21 13:28:13 ubuntu dbus-daemon[1622]: [session uid=1000 pid=1622] Activating via systemd: service name='org.freedesktop.Tracker1' unit='tracker-store.service' requested by ':1.2
' (uid=1000 pid=1619 conn='/usr/libexec/tracker-nher-fs' label='unconfined')
Jun 21 13:28:13 ubuntu systemd[1]: Starting Tracker metadata database store and lookup manager...
Jun 21 13:28:14 ubuntu dbus-daemon[1622]: [session uid=1000 pid=1622] Successfully activated service 'org.freedesktop.Tracker1'
Jun 21 13:28:14 ubuntu systemd[1]: Started Tracker metadata database store and lookup manager.
Jun 21 13:28:45 ubuntu systemd[1]: tracker-store.service: Succeeded.
Jun 21 13:30:01 ubuntu CRON[63495]: (root) CMD [ [ -x /etc/init.d/anacron ] && if [ ! -d /run/systemd/system ]; then /usr/sbin/invoke-rc.d anacron start >/dev/null; fi ]
jay25@ubuntu:~$
```

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

- **Alphabetically**

Command: `sort filename.txt`

Eg: `sort Jay.txt`

- **Reverse order**

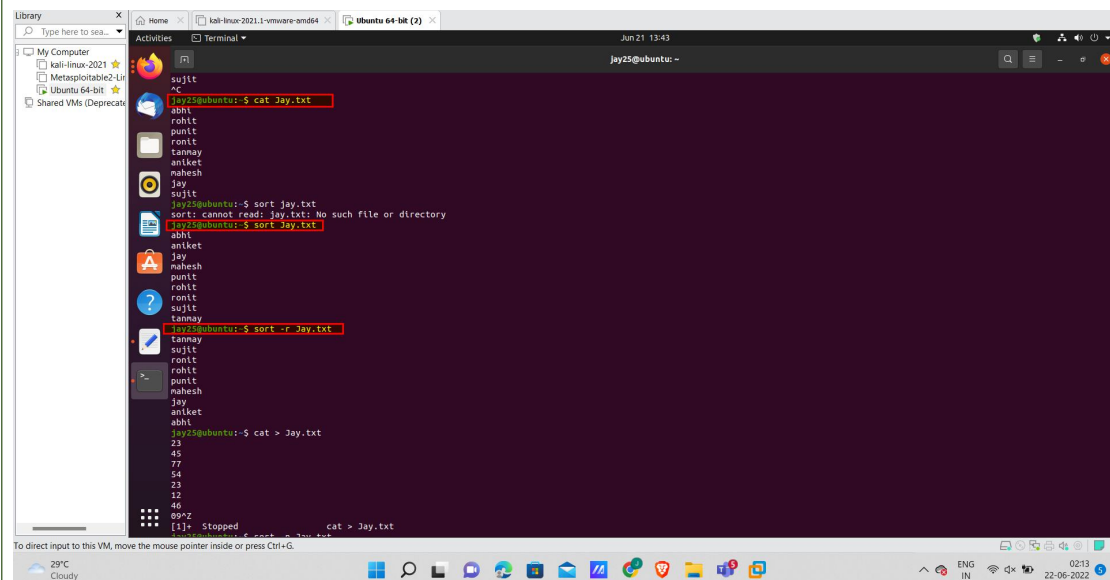
Command: `sort -r filename.txt`

Eg: `sort -r Jay.txt`

- **Numerical order**

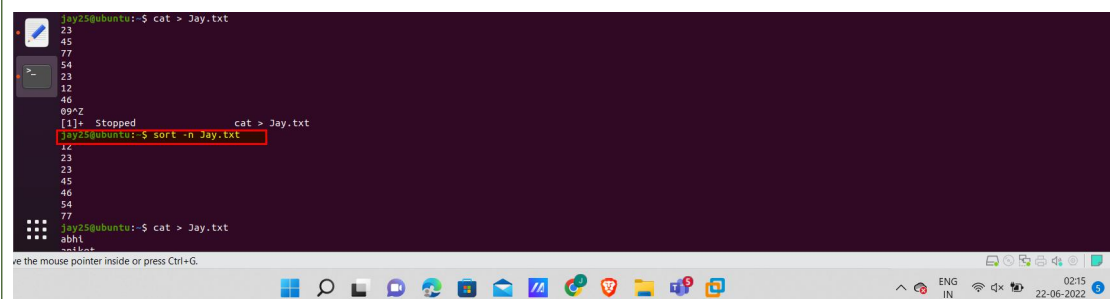
Command: `sort -n filename.txt`

Eg: `sort -n Jay.txt`



The screenshot shows a terminal window with the following commands and output:

```
jay25@ubuntu:~$ cat Jay.txt
sujitt
sc
abht
rohtt
punnit
ronitt
Tannay
aniket
mahesh
Jay
sujitt
jay25@ubuntu:~$ sort Jay.txt
sort: cannot read 'Jay.txt': No such file or directory
jay25@ubuntu:~$ sort Jay.txt
abht
aniket
Jay
mahesh
punnit
ronitt
rohtt
sujitt
Tannay
jay25@ubuntu:~$ sort -r Jay.txt
Tannay
sujitt
ronitt
rohtt
punnit
mahesh
Jay
aniket
abht
jay25@ubuntu:~$ cat > Jay.txt
23
45
77
54
23
12
46
09^Z
[1]+  Stopped                  cat > Jay.txt
```



The screenshot shows a terminal window with the following commands and output:

```
jay25@ubuntu:~$ cat > Jay.txt
23
45
77
54
23
12
46
09^Z
[1]+  Stopped                  cat > Jay.txt
jay25@ubuntu:~$ sort -n Jay.txt
12
23
23
45
46
54
77
jay25@ubuntu:~$ cat > Jay.txt
abht
--11--
```


To change the file permission we use **chmod** command

- File permissions of **Jay.txt**
- To give the user execute permission to user I have used **chmod u+x Jay.txt**

