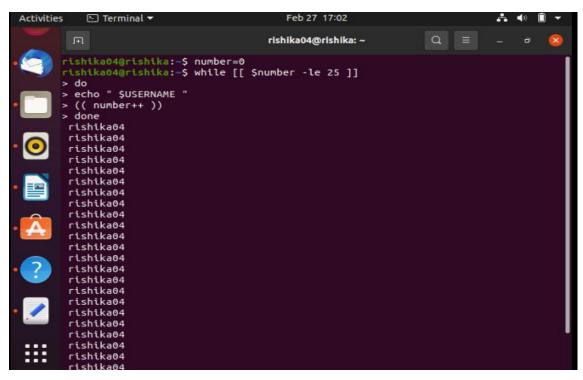
### **COGNIZANCE TASK5**

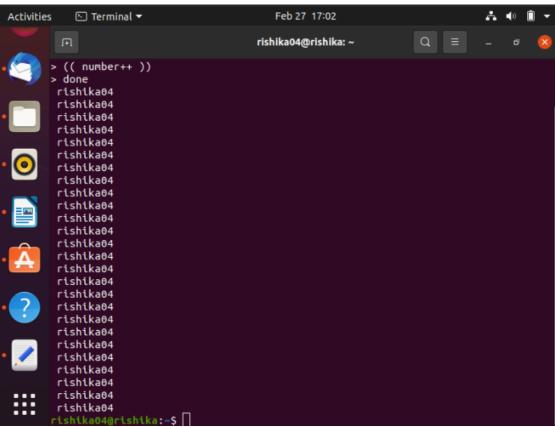
PART 2

Name: Thota Rishika sree

Dept. : CCE

#### 1) write a bash script to echo your name 25 times



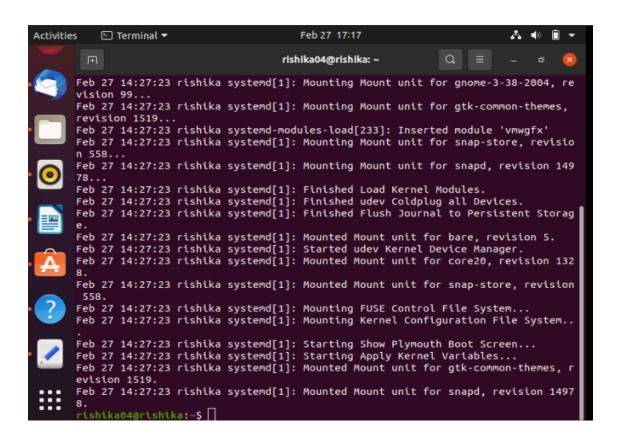


## 2) what command should I use to display the first 30 entries of syslog file

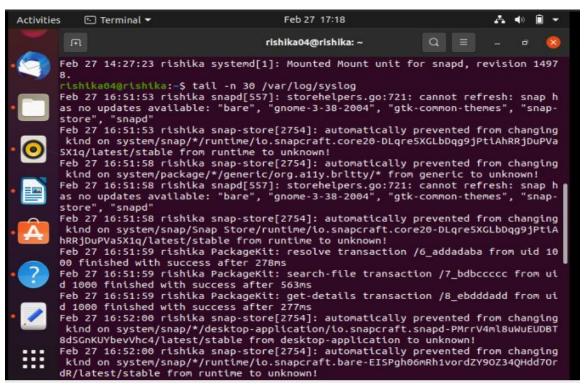
```
Activities

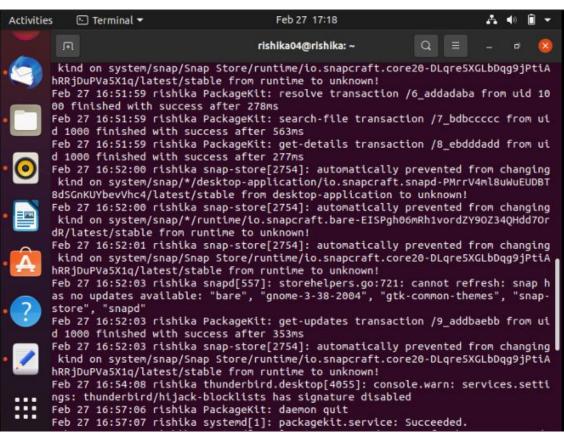
    Terminal ▼

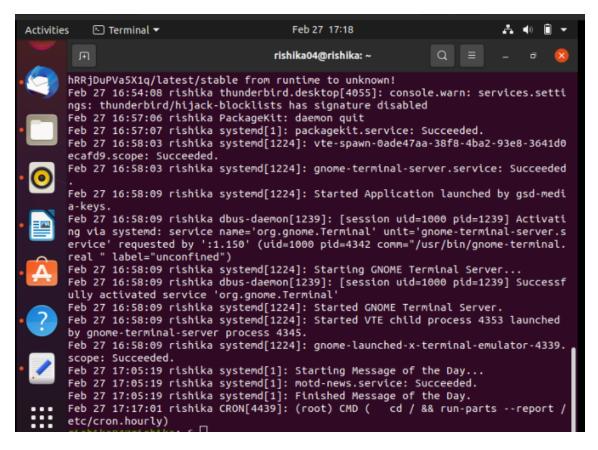
                                                              Feb 27 17:17
                                                                                                               - (1)
                                                                                               Q =
                                                         rishika04@rishika: ~
         rishika04@rishika:-$ head -n 30 /var/log/syslog
Feb 27 14:27:23 rishika systemd-modules-load[233]: Inserted module 'lp'
Feb 27 14:27:23 rishika systemd-modules-load[233]: Inserted module 'ppdev'
Feb 27 14:27:23 rishika systemd-modules-load[233]: Inserted module 'parport_pc'
          Feb 27 14:27:23 rishika systemd-modules-load[233]: Inserted module 'msr
          Feb 27 14:27:23 rishika systemd-modules-load[233]: Module 'fuse' is built in
          Feb 27 14:27:23 rishika systemd-sysusers[243]: Creating group systemd-coredump
          with gid 999.
          Feb 27 14:27:23 rishika systemd-sysusers[243]: Creating user systemd-coredump (
          systemd Core Dumper) with uid 999 and gid 999.
Feb 27 14:27:23 rishika systemd[1]: Starting Flush Journal to Persistent Storag
          Feb 27 14:27:23 rishika systemd[1]: Finished Set the console keyboard layout.
         Feb 27 14:27:23 rishika systemd[1]: Reached target Local File Systems (Pre).
Feb 27 14:27:23 rishika systemd[1]: Mounting Mount unit for bare, revision 5...
Feb 27 14:27:23 rishika systemd[1]: Mounting Mount unit for core20, revision 13
          28..
          Feb 27 14:27:23 rishika systemd[1]: Mounting Mount unit for gnome-3-38-2004, re
          vision 99..
          Feb 27 14:27:23 rishika systemd[1]: Mounting Mount unit for gtk-common-themes,
          revision 1519...
          Feb 27 14:27:23 rishika systemd-modules-load[233]: Inserted module 'vmwgfx'
          Feb 27 14:27:23 rishika systemd[1]: Mounting Mount unit for snap-store, revisio
          n 558...
          Feb 27 14:27:23 rishika systemd[1]: Mounting Mount unit for snapd, revision 149
         Feb 27 14:27:23 rishika systemd[1]: Finished Load Kernel Modules.
Feb 27 14:27:23 rishika systemd[1]: Finished udev Coldplug all Devices.
Feb 27 14:27:23 rishika systemd[1]: Finished Flush Journal to Persistent Storag
```



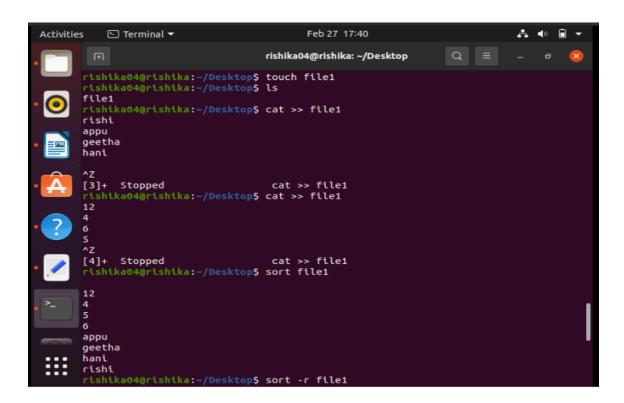
# 3) what command should I use to display the last 30 entries of syslog file

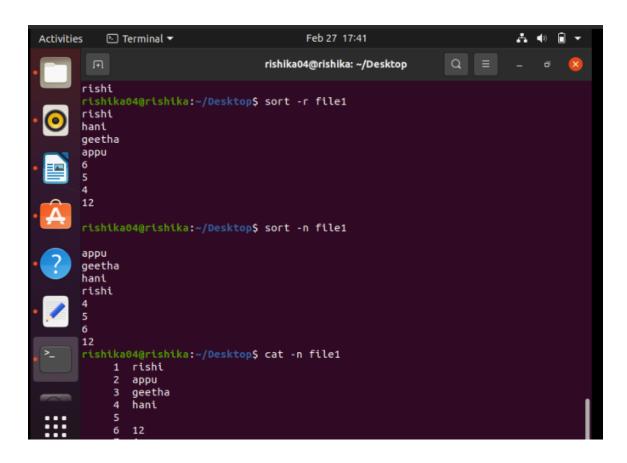


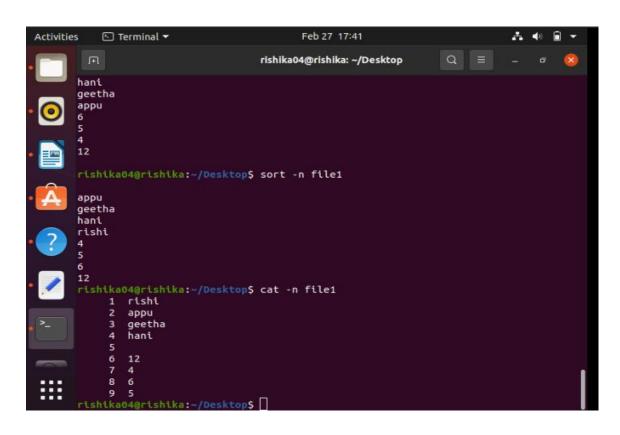




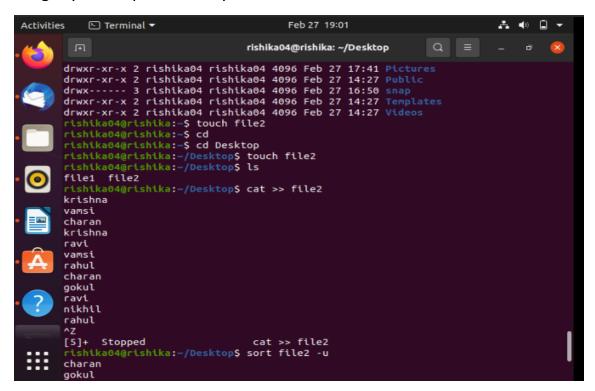
- 4) What command should I use to arrange the entries of a file
- \*) Alphabetically \*)Reverse order \*) Numerical order

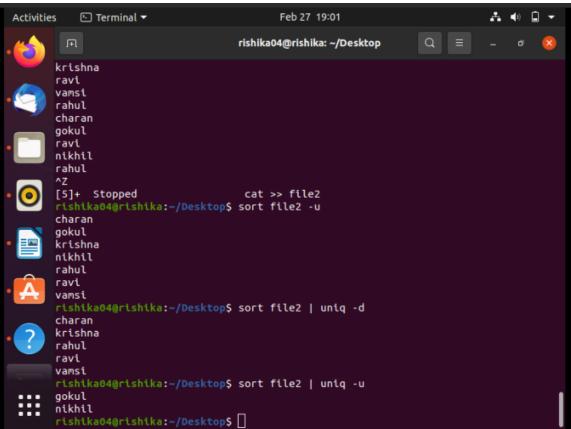






5) cope is a hard -working cop. He found a case and almost at the verge of cracking it. It could be his best breakthrough he has the list of criminals but lots of duplicates are there .He needs to find the only one that is different. He sought your help .How will you sort this issue?





#### 6) What are the three types of file permissions?

There are 3 types of file permissions

- ➤ **Read (r):** The read permission allows you to open and read the content of a file. But you can't do any editing or modification in the file.
- ➤ Write (w): The write permission allows you to edit, remove or rename a file. For instance, if a file is present in a directory, and write permission is set on the file but not on the directory, then you can edit the content of the file but can't remove, or rename it.
- ➤ **Execute (x):** In Unix type system, you can't run or execute a program unless execute permission is set.But in Windows, there is no such permission available.

```
    Terminal ▼
Activities
                                           Feb 27 17:57
                                        rishika04@rishika: ~
       rishi
      rishika04@rishika:~/Desktop$ cat -n file1
           1 rishi
              appu
              geetha
              hant
      rtshika04@rishika:~/Desktop$ cd
      rishika04@rishika: $ ls -l
      total 36
      drwxr-xr-x 2 rishika04 rishika04 4096 Feb 27 17:36 Desktop
      drwxr-xr-x 2 rishika04 rishika04 4096 Feb 27 14:27 Documents
      drwxr-xr-x 2 rishika04 rishika04 4096 Feb 27 14:27 Downloads
                                           0 Feb 27 17:21 file1
       -rw-rw-r-- 1 rishika04 rishika04
      drwxr-xr-x 2 rishika04 rishika04 4096 Feb 27 14:27 Music
      drwxr-xr-x 2 rishika04 rishika04 4096 Feb 27 17:41 Pictures
      drwxr-xr-x 2 rishika04 rishika04 4096 Feb 27
                                                    14:27 Public
      drwx----- 3 rishika04 rishika04 4096 Feb 27 16:50 snap
      drwxr-xr-x 2 rishika04 rishika04 4096 Feb 27 14:27 Templates
      drwxr-xr-x 2 rishika04 rishika04 4096 Feb 27 14:27 Videos
```

permission	on a file	on a directory
r (read)	read file content (cat)	read directory content (ls)
w (write)	change file content (vi)	create file in directory (touch)
x (execute)	execute the file	enter the directory (cd)