# TASK-5

Part-2

1) Write a bash script to comment your name 25 times.

```
    Terminal ▼

                                                                                                   Feb 27 18:10
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                                                                                               yasha@yashaswini: ~
yasha@yashaswini:~$ for i in {1..25}
> do
> echo "yasha"
> done
yasha
yasha@yashaswini:~$
```

## 2) What command should I use to display the first 30 entries of syslog file? Command used : head -n 30 /var/log/syslog

```
Feb 27 18:13

    Terminal ▼

                                                                                               yasha@yashaswini: ~
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yasha@yashaswini:~$ head -n 30 /var/log/syslog
Feb 25 14:40:05 yashaswini systemd-modules-load[262]: Inserted module 'lp'
Feb 25 14:40:05 yashaswini systemd-modules-load[262]: Inserted module 'ppdev'
Feb 25 14:40:05 yashaswini systemd-modules-load[262]: Inserted module 'parport_pc'
Feb 25 14:40:05 yashaswini systemd-sysusers[272]: Creating group systemd-coredump with gid 999.
Feb 25 14:40:05 yashaswini systemd-modules-load[262]: Inserted module 'msr'
Feb 25 14:40:05 yashaswini systemd-sysusers[272]: Creating user systemd-coredump (systemd Core Dumper) with uid 999 and gid 999.
Feb 25 14:40:05 yashaswini systemd-sysctl[278]: Not setting net/ipv4/conf/all/promote_secondaries (explicit setting exists).
Feb 25 14:40:05 yashaswini systemd-sysctl[278]: Not setting net/ipv4/conf/default/promote secondaries (explicit setting exists).
Feb 25 14:40:05 yashaswini systemd[1]: Starting Flush Journal to Persistent Storage...
Feb 25 14:40:05 yashaswini systemd[1]: Finished Set the console keyboard layout.
Feb 25 14:40:05 yashaswini systemd[1]: Finished udev Coldplug all Devices.
Feb 25 14:40:05 yashaswini systemd[1]: Finished Create Static Device Nodes in /dev.
Feb 25 14:40:05 yashaswini systemd[1]: Reached target Local File Systems (Pre).
Feb 25 14:40:05 yashaswini systemd[1]: Mounting Mount unit for bare, revision 5...
Feb 25 14:40:05 yashaswini systemd[1]: Mounting Mount unit for core20, revision 1328...
Feb 25 14:40:05 yashaswini systemd[1]: Mounting Mount unit for gnome-3-38-2004, revision 99...
Feb 25 14:40:05 yashaswini systemd[1]: Mounting Mount unit for gtk-common-themes, revision 1519...
Feb 25 14:40:05 yashaswini systemd[1]: Mounting Mount unit for snap-store, revision 558...
Feb 25 14:40:05 yashaswini systemd[1]: Mounting Mount unit for snapd, revision 14978...
Feb 25 14:40:05 yashaswini systemd[1]: Starting udev Kernel Device Manager...
Feb 25 14:40:05 yashaswini systemd[1]: Mounted Mount unit for bare, revision 5.
Feb 25 14:40:05 yashaswini systemd[1]: Finished Flush Journal to Persistent Storage.
Feb 25 14:40:05 yashaswini systemd[1]: Mounted Mount unit for core20, revision 1328.
Feb 25 14:40:05 yashaswini systemd[1]: Mounted Mount unit for gnome-3-38-2004, revision 99.
Feb 25 14:40:05 yashaswini systemd[1]: Mounted Mount unit for qtk-common-themes, revision 1519.
Feb 25 14:40:05 yashaswini systemd[1]: Mounted Mount unit for snapd, revision 14978.
Feb 25 14:40:05 yashaswini systemd[1]: Mounted Mount unit for snap-store, revision 558.
Feb 25 14:40:05 yashaswini systemd[1]: Started udev Kernel Device Manager.
Feb 25 14:40:05 yashaswini systemd[1]: Starting Show Plymouth Boot Screen...
Feb 25 14:40:05 yashaswini systemd[1]: Received SIGRTMIN+20 from PID 309 (plymouthd).
yasha@yashaswini:~$
```

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

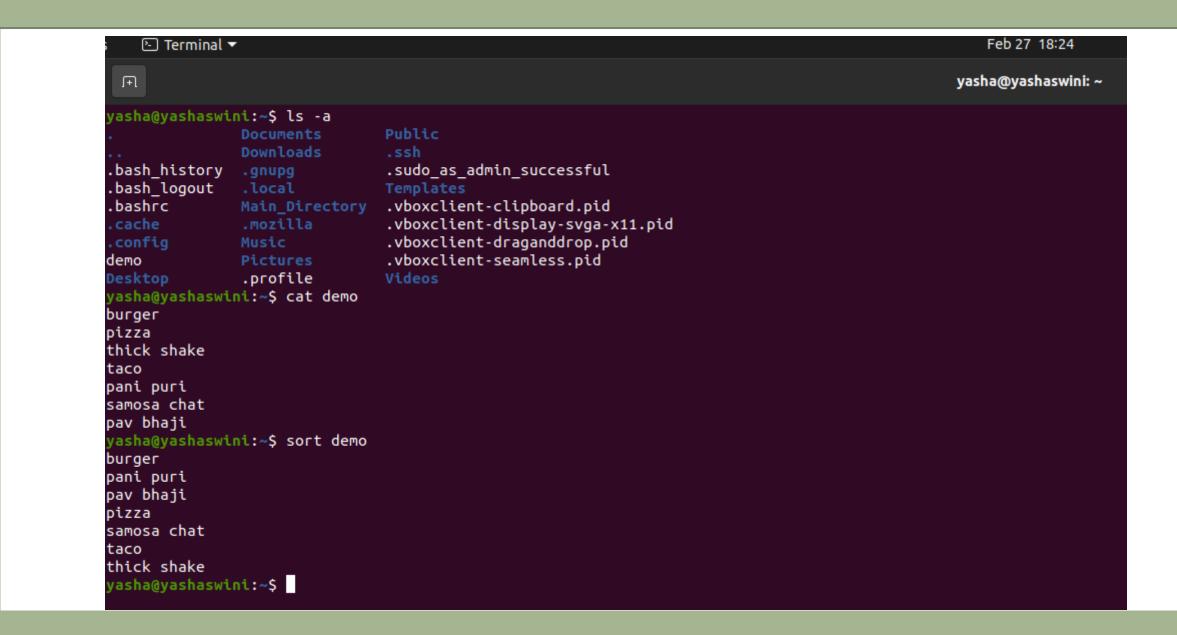
Command used: tail -n 30 /var/log/syslog

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    Terminal ▼

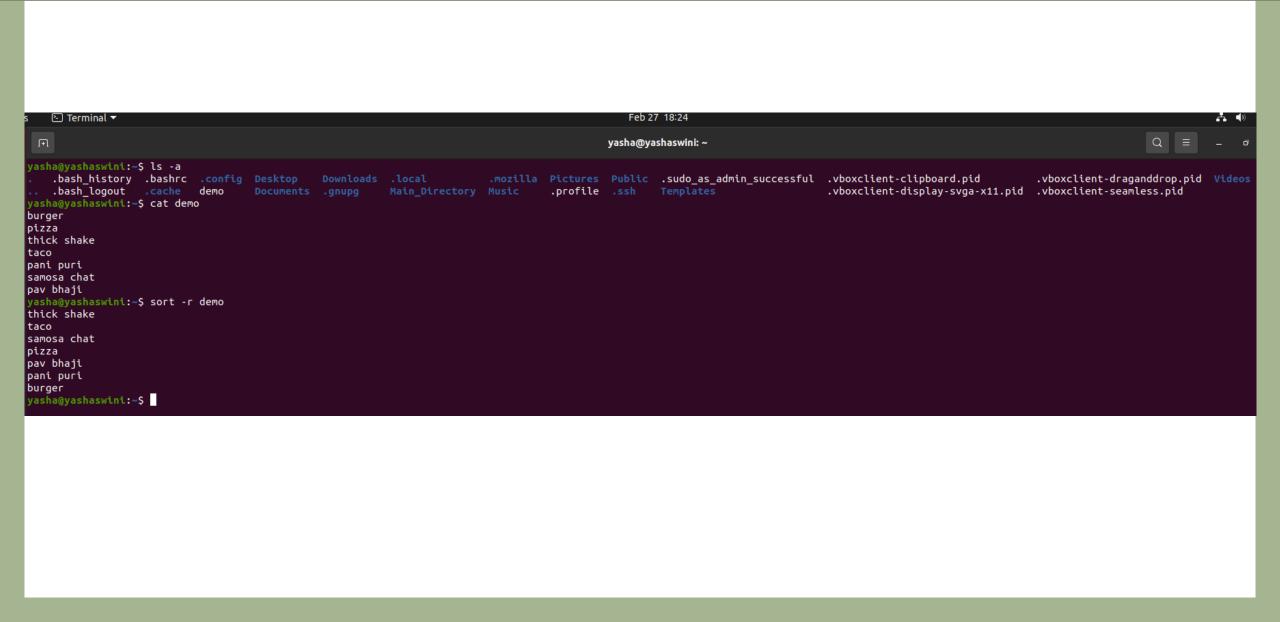
                                                                                                  Feb 27 18:15
                                                                                              yasha@yashaswini: ~
yasha@yashaswini:~$ tail -n 30 /var/log/syslog
Feb 27 18:10:09 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 39 with keysym 39 (keycode 12).
Feb 27 18:10:09 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 34 with keysym 34 (keycode d).
Feb 27 18:10:09 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 35 with keysym 35 (keycode e).
Feb 27 18:10:09 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 36 with keysym 36 (keycode f).
Feb 27 18:10:09 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 37 with keysym 37 (keycode 10).
Feb 27 18:11:14 yashaswini qsd-color[1683]: unable to get EDID for xrandr-Virtual1: unable to get EDID for output
Feb 27 18:11:15 yashaswini gsd-color[1683]: message repeated 2 times: [ unable to get EDID for xrandr-Virtual1: unable to get EDID for output]
Feb 27 18:11:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 31 with keysym 31 (keycode a).
Feb 27 18:11:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 32 with keysym 32 (keycode b).
Feb 27 18:11:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 33 with keysym 33 (keycode c).
Feb 27 18:11:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 34 with keysym 34 (keycode d).
Feb 27 18:11:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 35 with keysym 35 (keycode e).
Feb 27 18:11:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 38 with keysym 38 (keycode 11).
Feb 27 18:11:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 39 with keysym 39 (keycode 12).
Feb 27 18:11:15 yashaswini qnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 36 with keysym 36 (keycode f).
Feb 27 18:11:15 yashaswini qnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 37 with keysym 37 (keycode 10).
Feb 27 18:11:15 yashaswini qsd-color[1683]: unable to qet EDID for xrandr-Virtual1: unable to qet EDID for output
Feb 27 18:12:15 yashaswini /usr/lib/gdm3/gdm-x-session[1372]: (EE) No surface to present from.
Feb 27 18:12:15 yashaswini gsd-color[1683]: unable to get EDID for xrandr-Virtual1: unable to get EDID for output
Feb 27 18:12:15 yashaswini gsd-color[1683]: message repeated 2 times: [ unable to get EDID for xrandr-Virtual1: unable to get EDID for output]
Feb 27 18:12:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 31 with keysym 31 (keycode a).
Feb 27 18:12:15 yashaswini qnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 32 with keysym 32 (keycode b).
Feb 27 18:12:15 yashaswini qnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 33 with keysym 33 (keycode c).
Feb 27 18:12:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 38 with keysym 38 (keycode 11).
Feb 27 18:12:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 39 with keysym 39 (keycode 12).
Feb 27 18:12:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 34 with keysym 34 (keycode d).
Feb 27 18:12:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 35 with keysym 35 (keycode e).
Feb 27 18:12:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 36 with keysym 36 (keycode f).
Feb 27 18:12:15 yashaswini gnome-shell[1556]: Window manager warning: Overwriting existing binding of keysym 37 with keysym 37 (keycode 10).
Feb 27 18:12:15 vashaswini qsd-color[1683]: unable to get EDID for xrandr-Virtual1: unable to get EDID for output
vasha@vashaswini:~$
```

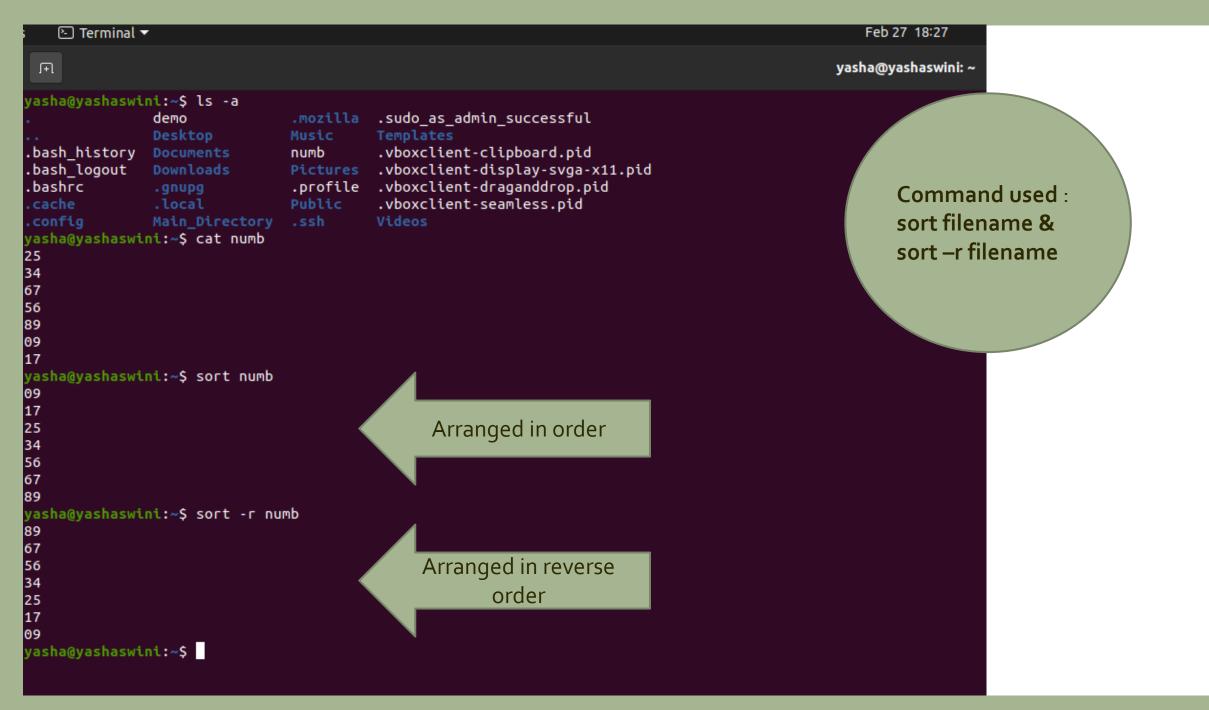
#### 4) What command should I use to arrange the entries of a file?

Command used: sort filename

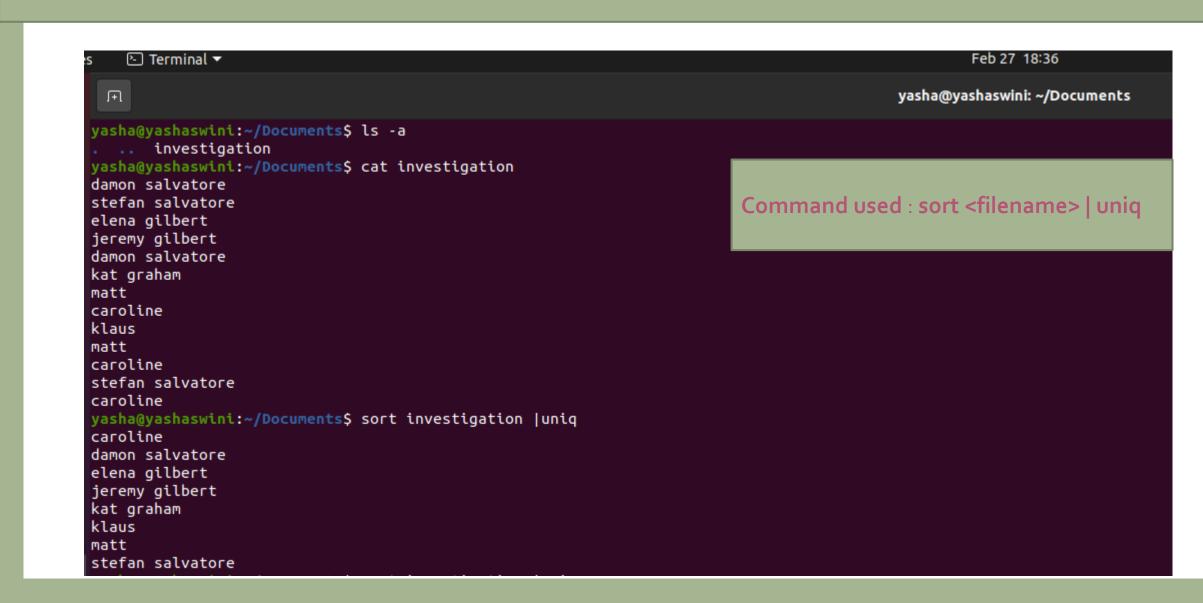


### Command used : sort –r filename This command is used for reverse order





5) 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?



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

Each permission level has three types of permission; **read, write and execute**. Permission type defines what a user can do with a particular object.

- 1. Read (r): The read permission allows you to open and read the content of a file.
- 2. Write (w): The write permission allows you to edit, remove or rename a file.
- 3. Execute (x): In Unix type system, you can't run or execute a program unless execute permission is set.