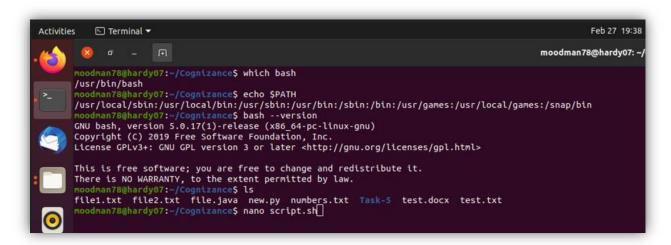
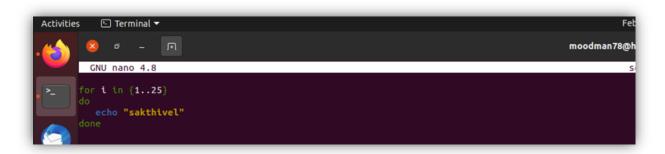
COGNIZANCE CLUB

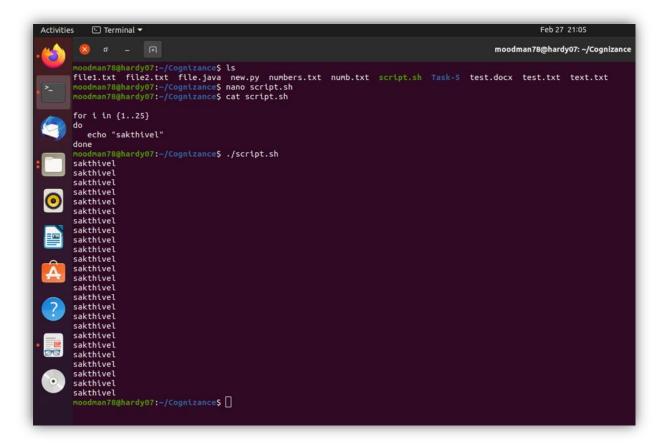
TASK-5

PART-2

BY Sakthivel V 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?

```
Feb 26 15:59
              moodman78@hardy07:~$ head -30 /var/log/syslog

Feb 24 11:25:04 moodman78 kernel: [ 0.000000] Linux version 5.13.0-30-generic (buildd@lcy02-amd64-003) (gcc

ntu SMP Mon Feb 7 14:25:10 UTC 2022 (Ubuntu 5.13.0-30.33~20.04.1-generic 5.13.19)

Feb 24 11:25:04 moodman78 kernel: [ 0.000000] Command line: BOOT_IMAGE=/boot/vmlinuz-5.13.0-30-generic root:

Feb 24 11:25:04 moodman78 kernel: [ 0.000000] KERNEL supported cpus:

Feb 24 11:25:04 moodman78 kernel: [ 0.000000] Intel GenuineIntel

Feb 24 11:25:04 moodman78 kernel: [ 0.000000] AMD AuthenticAMD

Feb 24 11:25:04 moodman78 kernel: [ 0.000000] Hygon HygonGenuine

Feb 24 11:25:04 moodman78 kernel: [ 0.000000] Centaur CentaurHauls

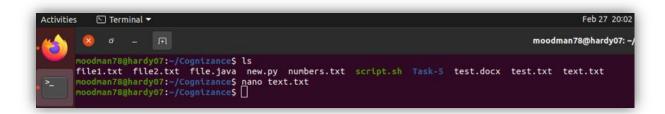
Feb 24 11:25:04 moodman78 kernel: [ 0.000000] Zhaoxin Shanghai
                                                                                                             0.000000]
               Feb 24 11:25:04 moodman78 kernel:
              Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
                                                                                                                                    x86/fpu: Supporting XSAVE feature 0x001: 'x87 floating point x86/fpu: Supporting XSAVE feature 0x002: 'SSE registers' x86/fpu: Supporting XSAVE feature 0x004: 'AVX registers' x86/fpu: xstate_offset[2]: 576, xstate_sizes[2]: 256 x86/fpu: Enabled xstate features 0x7, context size is 832 byt
                                                                                                             0.000000]
                                                                                                             0.000000]
                                                                                                            0.000000]
0.000000]
0.000000]
               Feb 24 11:25:04 moodman78 kernel:
               Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
                                                                                                            0.000000]
0.000000]
                                                                                                                                     BIOS-provided physical RAM map:
                                                                                                                                   0.000000]
0.000000]
                Feb 24 11:25:04 moodman78 kernel:
              Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
                                                                                                            0.000000]
                                                                                                            0.000000]
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               Feb 24 11:25:04 moodman78 kernel:
                                                                                                             0.000000]
               Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
Feb 24 11:25:04 moodman78 kernel:
                                                                                                             0.000000]
                                                                                                                                     SMBIOS 2.5 present.

DMI: innotek GmbH VirtualBox/VirtualBox, BIOS VirtualBox 12/0
                                                                                                            0.000000]
0.000000]
                                                                                                                                     Hypervisor detected: KVM
                                                                                                             0.000000] kwm-clock: Using msrs 4b564d01 and 4b564d00
0.000000] kvm-clock: cpu 0, msr 15d401001, primary cpu clock
0.000003] kvm-clock: using sched offset of 4182450301 cycles
               Feb 24 11:25:04 moodman78 kernel:
                Feb 24 11:25:04 moodman78 kernel:
               Feb 24 11:25:04 moodman78 kernel:
```

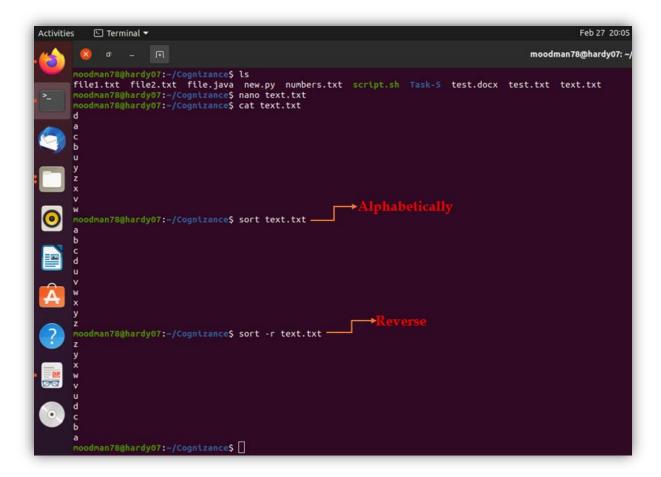
3) What command should I use to display the last 30 entries of syslog file?

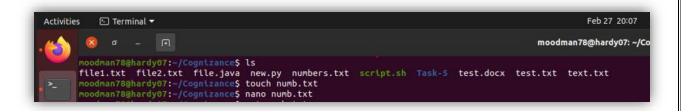
```
F80 24 11:25:04 ModeManY8 Kernet: | 0.000003) KWM-ctock: Using Sched OffSet of 4182490301 cycles modemanY88har4y077:-5 tall. 30 /var/log/syslog | Feb 26 15:53:141 hardy07 system([1]: Starting Mostname Service... | Feb 26 15:53:141 hardy07 system([1]: Starting Mostname Service... | Feb 26 15:53:141 hardy07 system([1]: Starting Mostname Service... | Feb 26 15:53:141 hardy07 system([1]: Started Mostname Service... | Feb 26 15:53:141 hardy07 system([1]: Started Mostname Service... | Feb 26 15:53:141 hardy07 system([1283]: tracker retract-service. Succeeded. | Feb 26 15:52:141 hardy07 system([1283]: tracker retract-service. Succeeded. | Feb 26 15:52:101 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:101 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:101 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:101 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:101 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:201 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:201 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:201 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:201 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:201 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:201 hardy07 nautilus[558]: gld_window_15 visible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:201 hardy07 revisible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:201 hardy07 revisible: assertion (For, Is, MIDGET (widget)) failed | Feb 26 15:52:201 hardy07 revisible: asserti
```

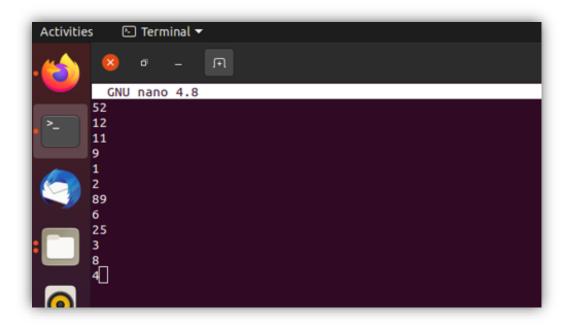
- 4) What command should I use to arrange the entries of a file
 - Alphabetically
 - Reverse order
 - Numerical order

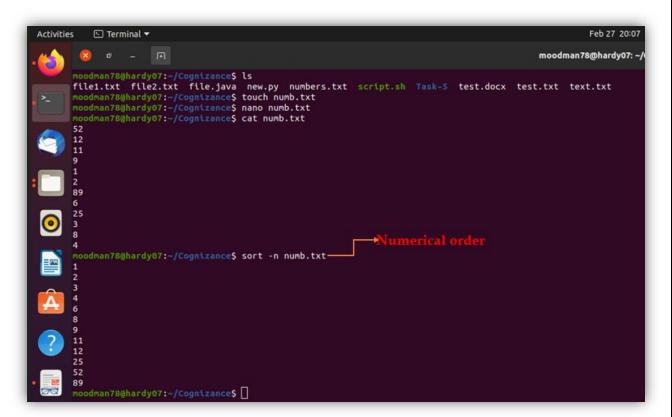












5) Copee is a hard-working cop. He found a case and almost at the verge of cracking it. It could be his best breakthrough. He has the list of criminals but lots of duplicates are there. He needs to find the only one that is different. He sought your help. How will you sort this issue?

<u> Ans:</u>

Using the command "sort filename.txt | uniq --c"

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

Ans:

- 1) Read grants ability to read a file.
- 2) Write grants ability to modify a file.
- 3) Execute grants ability to execute a file.