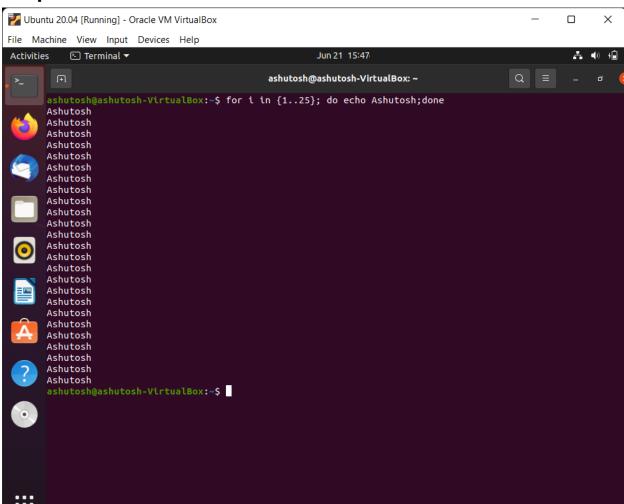
ASHUTOSH P CH.EN.U4CSE20007

COGNIZANCE TASK - 4. (PART - 2)

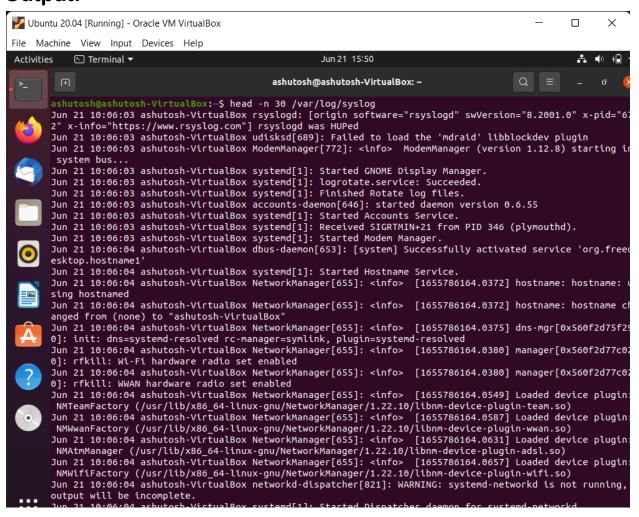
• Write a bash script to echo your name 25 times

Code: for i in {1..25}; do echo Ashutosh; done **Output:**



• What command should I use to display the **first** 30 entries of syslog file?

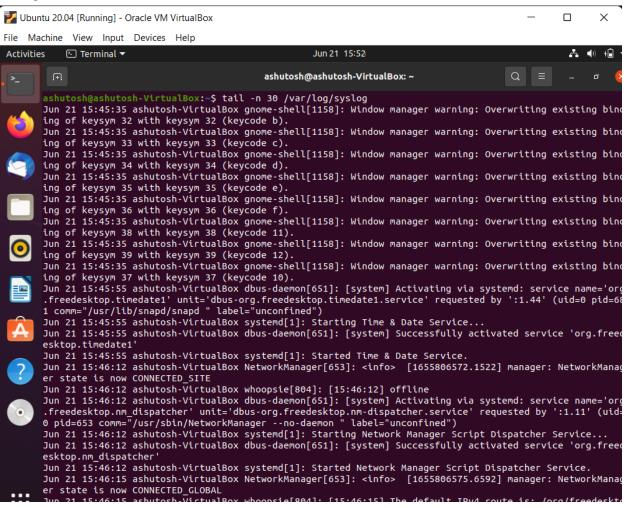
Code: head -n 30 /var/log/syslog Output:



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

Code: tail -n 30 /var/log/syslog

Output:



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

Code:

Alphabetically: sort sample.txt

Reverse: sort -r sample.txt

Output:

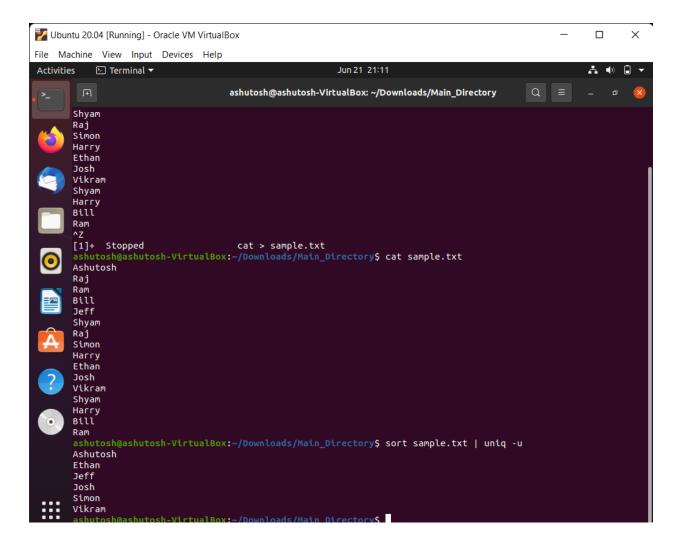
```
Ubuntu 20.04 [Running] - Oracle VM VirtualBox
                                                                                                                      ×
File Machine View Input Devices Help
 Activities

    Terminal ▼
                                                                Jun 21 16:04
                                                                                                                   - (b)
                                                                                                       Q =
                                              ashutosh@ashutosh-VirtualBox: ~/Cognizancetest
         See 'snap info <snapname>' for additional versions.
         ashutosh@ashutosh-VirtualBox:~/Cognizancetest$ cat > sample.txt
         This is a test file
         2342423
         Ashutosh
         ZZZZZZ
        Have a grat day!
I want to go to Japan someday
Goodbye^Z
         [1]+ Stopped cat > sample.txt
ashutosh@ashutosh-VirtualBox:~/Cognizancetest$ cat sample.txt
         Hello
        This is a test file 2342423
         Ashutosh
         ZZZZZZ
         Have a grat day!
         I want to go to Japan someday
         ashutosh@ashutosh-VirtualBox:~/Cognizancetest$ sort sample.txt
         2342423
         Ashutosh
         Have a grat day!
         Hello
         I want to go to Japan someday
This is a test file
        ZZZZZZ
         ashutosh@ashutosh-VirtualBox:~/Cognizancetest$ sort -r sample.txt
         ZZZZZZ
         This is a test file
         I want to go to Japan someday
         Hello
         Have a grat day!
         Ashutosh
        2342423
         ashutosh@ashutosh-VirtualBox:~/Cognizancetest$
```

Code:

Numerical: sort -n numeric.txt

• 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?



What are the Three parts of file's permission?

The three parts of file permission are read, write and execute.

Someone with read permission may read the contents of a file, or list the contents of a directory.

Someone with write permission may modify the contents of a file, including adding, changing, or deleting file contents.

For directories, this means that someone with write permission may create or delete files within the directory. Someone with execute permission may run an executable file or access the contents of a directory.

File permissions are set on a file-by-file basis, and are set for each of three different access classes: user, group, and other:

- The owner of the file is called the user.
- People in the same group as the owner of the file comprise the group.
- Everyone else, including the web server, belongs to the other class.