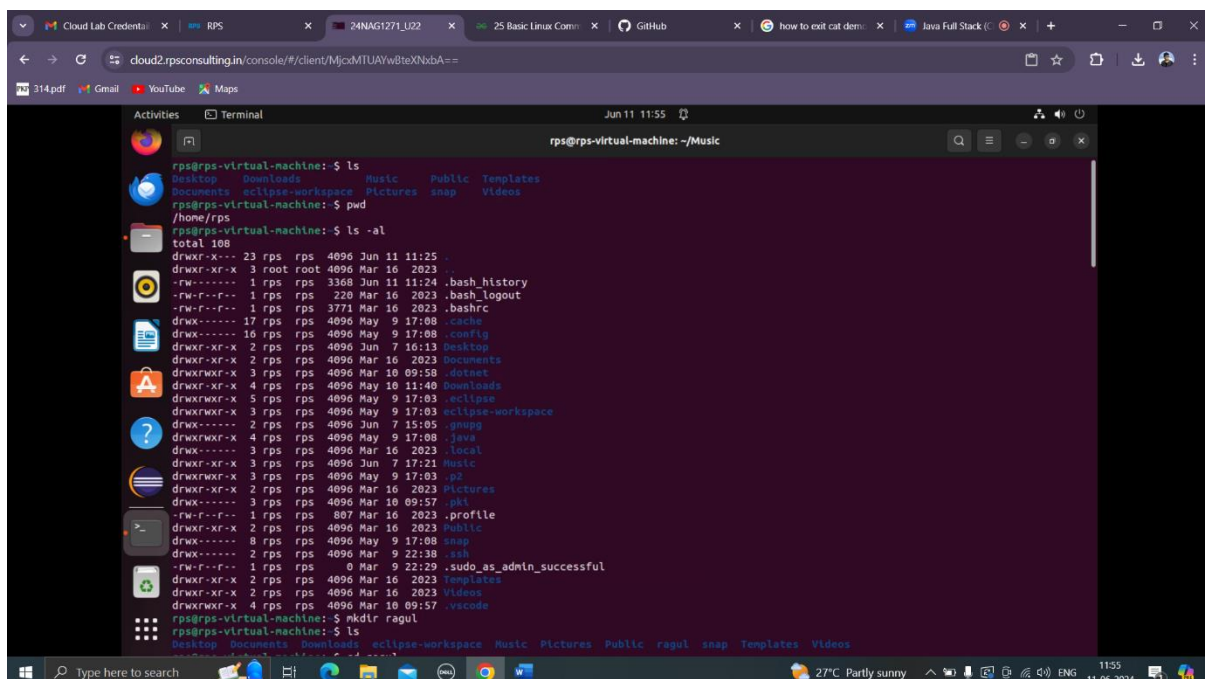


## Linux Command:

- **ls** – it shows all the file
- **pwd** - it shows current working directory
- **ls-al** – used to list information about file
- **mkdir** – user to create new directory
- **rmdir** – remove the directory
- **touch** – used to create new empty file
- **nano** – is the command line text editor
- **cat** – read files sequentially and display the content in the terminal
- **cp** – it is used to copy the file
- **mv** – is used to move the file
- **head**- display the first part of the file
- **tail**-End of the file
- **sort** – it is used to sort the file in particular order
- **sort -r** – it sorts in reverse order
- **sort -u** – it sorts both alphabetical and numerical
- **history** - It shows all the history
- **calendar** – It shows the calendar



The screenshot shows a terminal window titled "rps@rps-virtual-machine: ~/Music". The terminal displays the following commands and outputs:

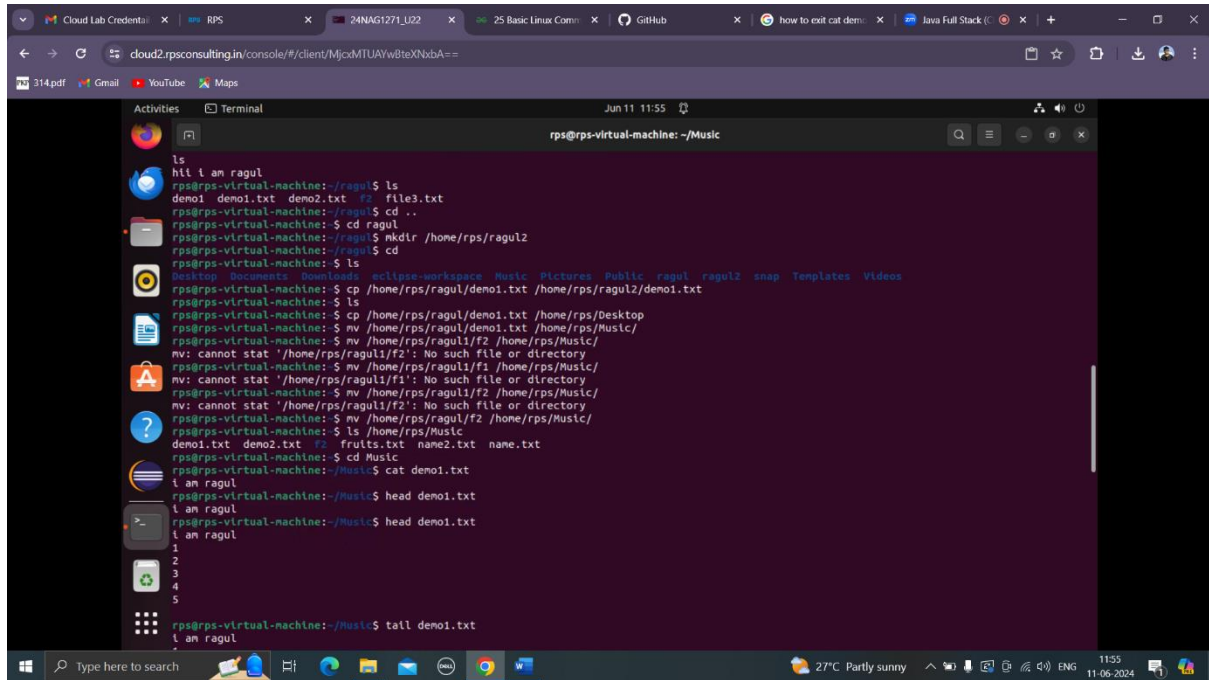
```
rps@rps-virtual-machine: $ ls
Desktop  Downloads  Music      Public  Templates
Documents  eclipse-workspace  Pictures  snap    Videos

rps@rps-virtual-machine: $ pwd
/home/rps

rps@rps-virtual-machine: $ ls -al
total 108
drwxr-xr-x 23 rps rps 4096 Jun 11 11:25
drwxr-xr-x 3 root root 4096 Mar 16 2023
-rw-r--r-- 1 rps rps 3368 Jun 11 11:24 .bash_history
-rw-r--r-- 1 rps rps 220 Mar 16 2023 .bash_logout
-rw-r--r-- 1 rps rps 3771 Mar 16 2023 .bashrc
drwx----- 17 rps rps 4096 May 9 17:08 cache
drwxr-xr-x 10 rps rps 4096 May 9 17:08 config
drwxr-xr-x 2 rps rps 4096 Jun 7 16:13 Desktop
drwxr-xr-x 2 rps rps 4096 Mar 16 2023 Documents
drwxrwxr-x 3 rps rps 4096 Mar 10 09:58 dotnet
drwxr-xr-x 4 rps rps 4096 May 10 11:40 Downloads
drwxrwxr-x 5 rps rps 4096 May 9 17:03 eclipse
drwxrwxr-x 3 rps rps 4096 May 9 17:03 eclipse-workspace
drwx----- 2 rps rps 4096 Jun 7 15:05 gnupg
drwxrwxr-x 4 rps rps 4096 May 9 17:08 java
drwx----- 3 rps rps 4096 Mar 16 2023 local
drwxr-xr-x 3 rps rps 4096 Jun 7 17:21 Music
drwxrwxr-x 3 rps rps 4096 May 9 17:03 p2
drwxr-xr-x 2 rps rps 4096 Mar 16 2023 Pictures
drwx----- 3 rps rps 4096 Mar 10 09:57 pki
-rw-r--r-- 1 rps rps 887 Mar 16 2023 .profile
drwxr-xr-x 2 rps rps 4096 Mar 16 2023 public
drwx----- 8 rps rps 4096 May 9 17:08 snap
drwx----- 2 rps rps 4096 Mar 9 22:38 ssh
-rw-r--r-- 1 rps rps 0 Mar 9 22:29 .sudo_as_admin_successful
drwxr-xr-x 2 rps rps 4096 Mar 16 2023 templates
drwxr-xr-x 2 rps rps 4096 Mar 16 2023 videos
drwxrwxr-x 4 rps rps 4096 Mar 10 09:57 vscode

rps@rps-virtual-machine: $ mkdir ragul

rps@rps-virtual-machine: $ ls
Desktop  Documents  Downloads  eclipse-workspace  Music  Pictures  Public  ragul  snap  Templates  Videos
```



The screenshot shows a terminal window titled "rps@rps-virtual-machine: ~/Music". The user has executed the following commands and received the following outputs:

```
rps@rps-virtual-machine:~/Music$ tac demo1.txt
3
4
5

rps@rps-virtual-machine:~/Music$ cat fruits.txt
cat: fruits.txt: No such file or directory
rps@rps-virtual-machine:~/Music$ cat fruits.txt
Apple
Mango
Banana
orange
Banana

rps@rps-virtual-machine:~/Music$ sort fruits.txt
Apple
Banana
Banana
Mango
orange

rps@rps-virtual-machine:~/Music$ sort -r fruits.txt
orange
Mango
Banana
Banana
Apple

rps@rps-virtual-machine:~/Music$ sort -u fruits.txt
Apple
Banana
Mango
orange

rps@rps-virtual-machine:~/Music$ sort -ur fruits.txt
orange
Mango
Banana
Banana
Apple
```

The screenshot shows a terminal window titled "rps@rps-virtual-machine: ~/Music". The user has executed the following commands and received the following outputs:

```
rps@rps-virtual-machine:~/Music$ sort fruits.txt
Apple
Banana
Banana
Mango
orange
orange
Banana
Banana
Apple

rps@rps-virtual-machine:~/Music$ sort -r fruits.txt
orange
Mango
Banana
Banana
Apple

rps@rps-virtual-machine:~/Music$ sort -u fruits.txt
Apple
Banana
Mango
orange

rps@rps-virtual-machine:~/Music$ sort -ur fruits.txt
orange
Mango
Banana
Banana
Apple

rps@rps-virtual-machine:~/Music$ touch names.txt
rps@rps-virtual-machine:~/Music$ sort names.txt
rps@rps-virtual-machine:~/Music$ sort -r names.txt
5.Selva
4.Thirumalai
3.Raj
2.Rajan
1.Ragul

rps@rps-virtual-machine:~/Music$ sort -u names.txt
1.Ragul
2.Rajan
3.Raj
4.Thirumalai
5.Selva

rps@rps-virtual-machine:~/Music$
```