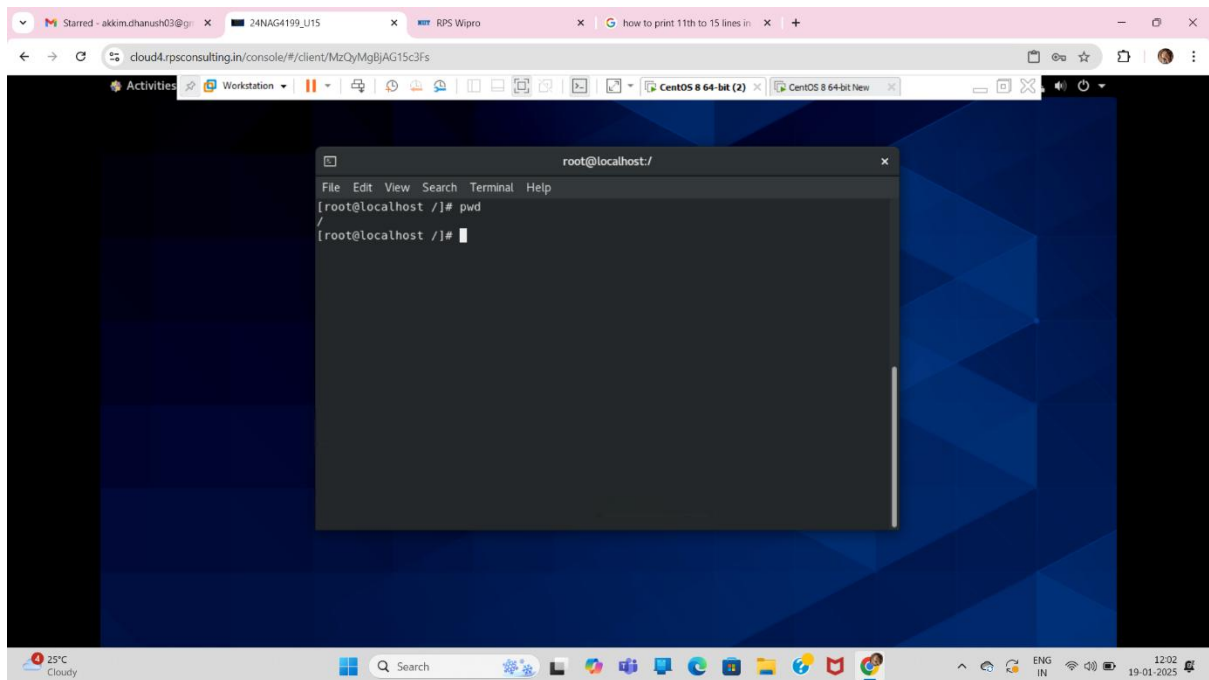


## LINUX ASSIGNMENT

**Q. PRINT THE 11<sup>TH</sup> TO 15<sup>TH</sup> LINES OF /ETC/PASSWD ?**

**ANSWER:**

**STEP -1: LET US CHECK OUR PRESENT WORKING DIRECTORY BY USING THE COMMAND “PWD”.**



**STEP -2: NOW LET US CHECK THE NUMBER OF LINES IN THE /ETC/PASSWD BY USING THE COMMAND “CAT -N /ETC/PASSWD” .**

**CAT : IT IS USED TO VIEW THE CONTENT OR DATA IN THE PARTICULAR PATH OR DIRECTORY.**

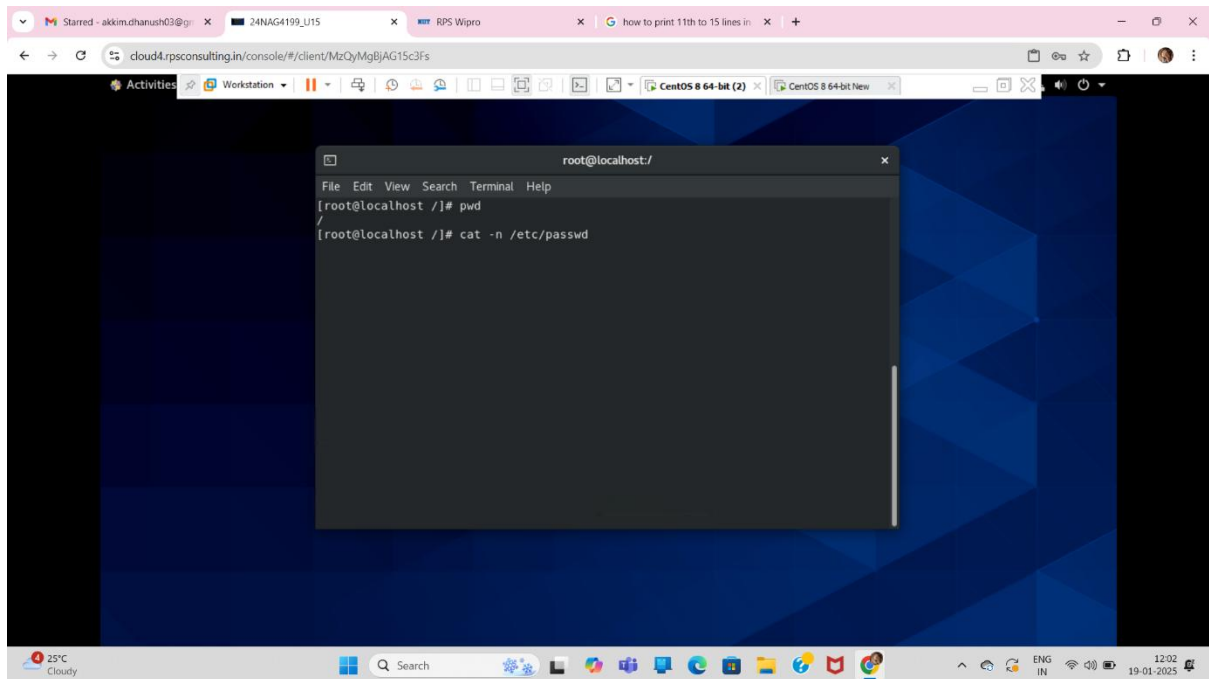
**CAT -N : IT IS USED TO DISPLAY THE NUMBER OF LINES.**

**/ETC : IT IS A DIRECTORY.**

**/PASSWD : IT IS A SYSTEM FILE WHICH STORES THE INFORMATION ABOUT USER ACCOUNTS.**

**CLICK ENTER TO DISPLAY THE INFORMATION.**

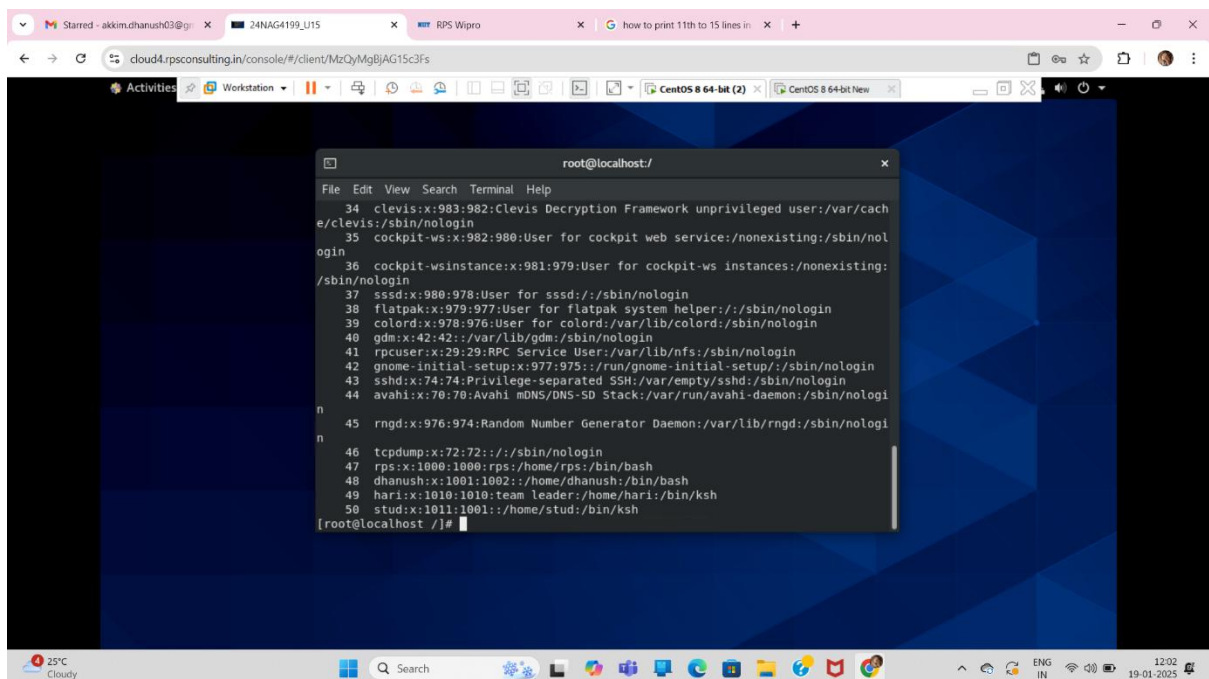
## WIPRO ASSIGNMENT - 11



```
root@localhost:/  
File Edit View Search Terminal Help  
[root@localhost ~]# pwd  
/  
[root@localhost ~]# cat -n /etc/passwd  
1 root:x:0:0:root:/root:/bin/bash  
2 bin:x:1:1:bin:/bin:/bin/sh  
3 daemon:x:2:2:daemon:/etc:/bin/sh  
4 systemd:x:3:3:systemd:/var/lib/containers:/bin/sh  
5 systemd-x11:x:4:4:systemd-x11:/var/lib/containers:/bin/sh  
6 systemd-journal-gatewayd:x:5:5:systemd-journal-gatewayd:/var/lib/containers:/bin/sh  
7 systemd-resolved:x:6:6:systemd-resolved:/var/lib/containers:/bin/sh  
8 systemd-timesyncd:x:7:7:systemd-timesyncd:/var/lib/containers:/bin/sh  
9 systemd-tmpfiles-cleaner:x:8:8:systemd-tmpfiles-cleaner:/var/lib/containers:/bin/sh  
10 systemd-tmpfiles-setupd:x:9:9:systemd-tmpfiles-setupd:/var/lib/containers:/bin/sh
```

WE CAN SEE THAT THERE ARE 50 NUMBER OF LINES ARE STORED IN THE /ETC/PASSWD.

NOW, OUR AIM IS TO PRINT THE 11<sup>TH</sup> TO 15<sup>TH</sup> LINES.

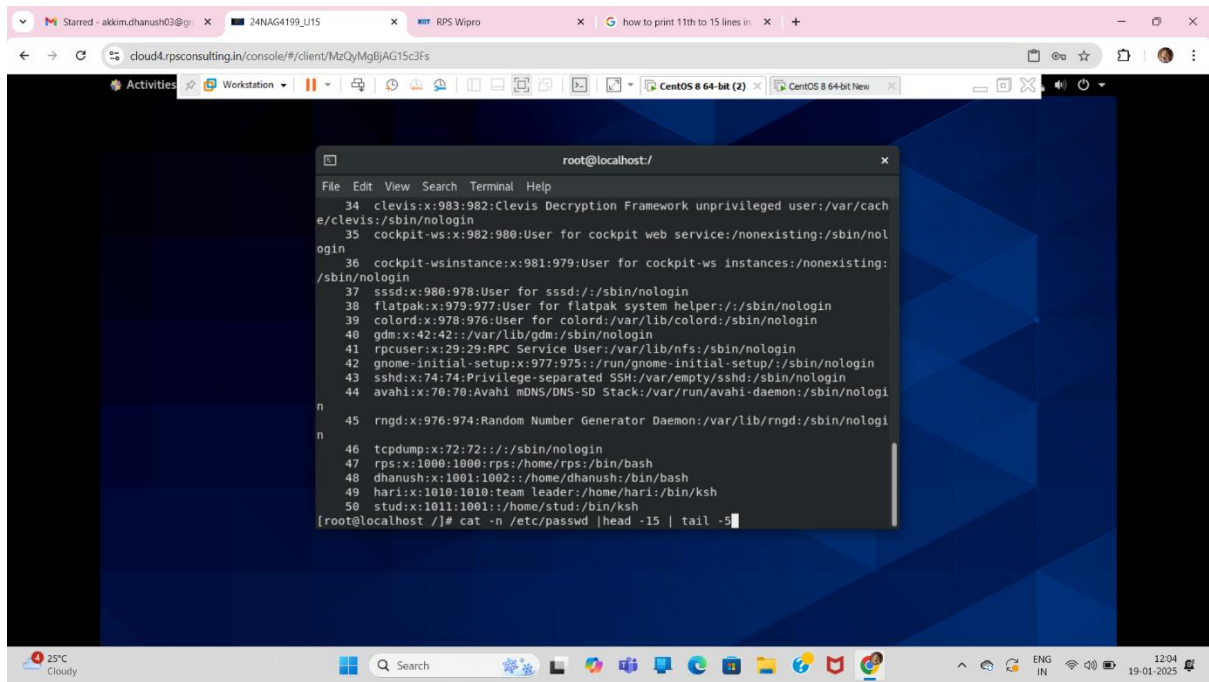


```
root@localhost:/  
File Edit View Search Terminal Help  
34 clevis:x:983:982:clevis:Decryption Framework unprivileged user:/var/cache/clevis:/sbin/nologin  
35 cockpit-ws:x:982:980:User for cockpit web service:/nonexisting:/sbin/nologin  
36 cockpit-wsinstance:x:981:979:User for cockpit-ws instances:/nonexisting:/sbin/nologin  
37 sssd:x:980:978:User for sssd:/sbin/nologin  
38 flatpak:x:979:977:User for flatpak system helper:/sbin/nologin  
39 colord:x:978:976:User for colord:/var/lib/colord:/sbin/nologin  
40 gdm:x:42:42::/var/lib/gdm:/sbin/nologin  
41 rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin  
42 gnome-initial-setup:x:977:975:/run/gnome-initial-setup:/sbin/nologin  
43 sshd:x:74:74:Privilege-separated SSH:/var/empty/ssh:/sbin/nologin  
44 avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin  
45 rngd:x:976:974:Random Number Generator Daemon:/var/lib/rngd:/sbin/nologin  
46 tcpdump:x:72:72::/sbin/nologin  
47 rps:x:1000:1000:rps:/home/rps:/bin/bash  
48 dhanush:x:1001:1002:/home/dhanush:/bin/bash  
49 hari:x:1010:1010:team leader:/home/hari:/bin/ksh  
50 stud:x:1011:1001:/home/stud:/bin/ksh  
[root@localhost ~]#
```

STEP -3: NOW, WE USE THE COMMAND “CAT -N /ETC/PASSWD | HEAD -15 |

TAIL -5”

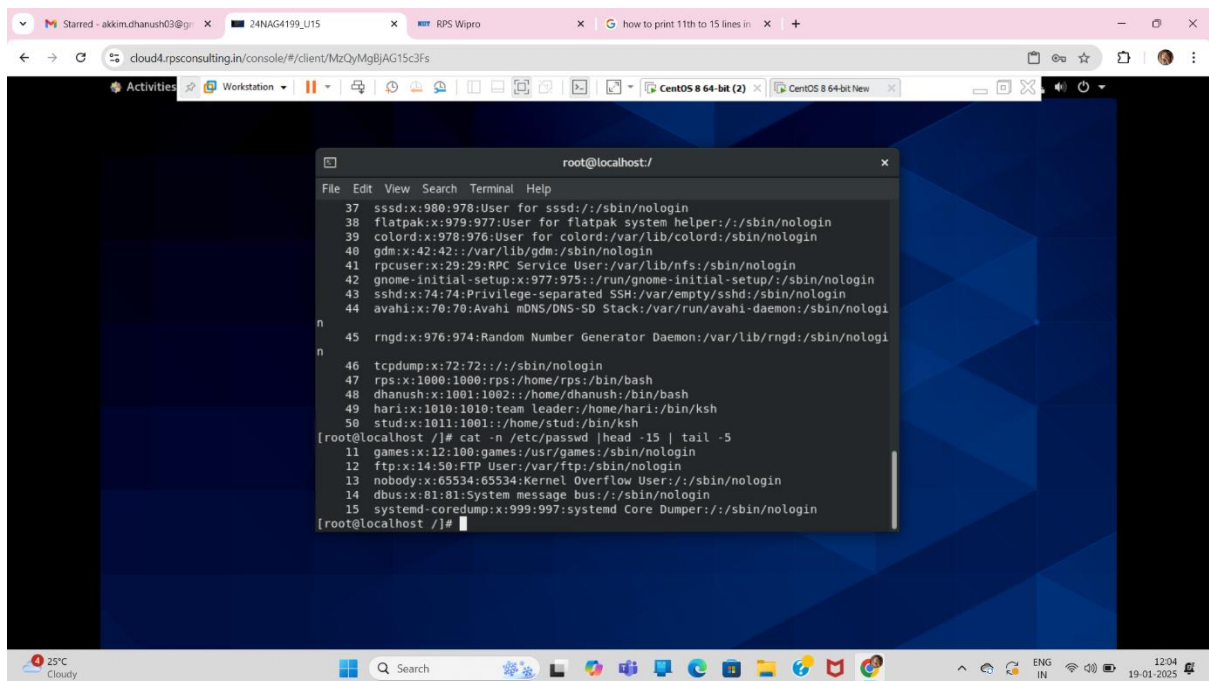
## WIPRO ASSIGNMENT - 11



```
root@localhost:/  
File Edit View Search Terminal Help  
34 clevis:x:983:982:clevis:clevis:clevis:clevis:/var/cache/clevis:/sbin/nologin  
35 cockpit-ws:x:982:980:User for cockpit web service:/nonexisting:/sbin/nologin  
36 cockpit-wsinstance:x:981:979:User for cockpit-ws instances:/nonexisting:/sbin/nologin  
37 sssd:x:980:978:User for sssd:/sbin/nologin  
38 flatpak:x:979:977:User for flatpak system helper:/sbin/nologin  
39 colord:x:978:976:User for colord:/var/lib/colord:/sbin/nologin  
40 gdm:x:42:42:GDM User:/var/lib/gdm:/sbin/nologin  
41 rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin  
42 gnome-initial-setup:x:977:975:Gnome Initial Setup:/sbin/nologin  
43 sshd:x:74:74:Privilege-separated SSH:/var/empty/ssh:/sbin/nologin  
44 avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin  
45 rngd:x:976:974:Random Number Generator Daemon:/var/lib/rngd:/sbin/nologin  
46 tcpdump:x:72:72:tcpdump:/sbin/nologin  
47 rps:x:1000:1000:rps:/home/rps:/bin/bash  
48 dhanush:x:1001:1002:/home/dhanush:/bin/bash  
49 hari:x:1010:1010:team leader:/home/hari:/bin/ksh  
50 stud:x:1011:1001:/home/stud:/bin/ksh  
[root@localhost /]# cat -n /etc/passwd | head -15 | tail -5
```

**HEAD -15 : IT IS TO CONSIDER FIRST 15 LINES IN 50 LINES.**

**TAIL -5 : IT IS TO PRINT THE LAST 5 LINES IN 15 LINES.**



```
root@localhost:/  
File Edit View Search Terminal Help  
37 sssd:x:980:978:User for sssd:/sbin/nologin  
38 flatpak:x:979:977:User for flatpak system helper:/sbin/nologin  
39 colord:x:978:976:User for colord:/var/lib/colord:/sbin/nologin  
40 gdm:x:42:42:GDM User:/var/lib/gdm:/sbin/nologin  
41 rpcuser:x:29:29:RPC Service User:/var/lib/nfs:/sbin/nologin  
42 gnome-initial-setup:x:977:975:Gnome Initial Setup:/sbin/nologin  
43 sshd:x:74:74:Privilege-separated SSH:/var/empty/ssh:/sbin/nologin  
44 avahi:x:70:70:Avahi mDNS/DNS-SD Stack:/var/run/avahi-daemon:/sbin/nologin  
45 rngd:x:976:974:Random Number Generator Daemon:/var/lib/rngd:/sbin/nologin  
46 tcpdump:x:72:72:tcpdump:/sbin/nologin  
47 rps:x:1000:1000:rps:/home/rps:/bin/bash  
48 dhanush:x:1001:1002:/home/dhanush:/bin/bash  
49 hari:x:1010:1010:team leader:/home/hari:/bin/ksh  
50 stud:x:1011:1001:/home/stud:/bin/ksh  
[root@localhost /]# cat -n /etc/passwd | head -15 | tail -5  
11 games:x:12:100:games:/usr/games:/sbin/nologin  
12 ftp:x:14:50:FTP User:/var/ftp:/sbin/nologin  
13 nobody:x:65534:65534:Kernel Overflow User:/sbin/nologin  
14 dbus:x:81:81:system message bus:/sbin/nologin  
15 systemd-coredump:x:999:997:systemd Core Dumper:/sbin/nologin  
[root@localhost /]#
```

**HENCE, WE CAN SEE THAT THE LAST 5 LINES IN THE 15 LINES IN /ETC/PASSWD WAS PRINTED.**

