Linux commands - CB.EN.U4CSE19038

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■ Roll number:	CB.EN.U4CSE19038

1) List all the directories only using echo command



2) List the calendar of September 1752 and explore.

```
₽ ₹
                          nirmalk@nimmyOS-arch:~
                                                                     Q
                           ∤ master ±
                                      man cal
                                       cal september 1752
  September 1752
Su Mo Tu We Th Fr Sa
      1 2 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
                                     man cal
                           / master ±
                                       cal september 1752 -v
   September 1752
   17 24
   18 25
Tu 1 19 26
We 2 20 27
Th 14 21 28
Fr 15 22 29
Sa 16 23 30
                           master ± man cal
                                     cal september 1752 --color
  September 1752
Su Mo Tu We Th Fr Sa
     1 2 14 15 16
17 18 19 20 21 22 23
24 25 26 27 28 29 30
                           / master ±
                                      man cal
                           master ±
```

3) Display the time of the day



- 4) Create a directory by your rollno e.g cse601
- 5) Move the files to appropriate directory



6) List all the directories and files in directory with name as your rollno



7) List the size of all files (hidden files also) and folders in desired scale format, directories should not be displayed.



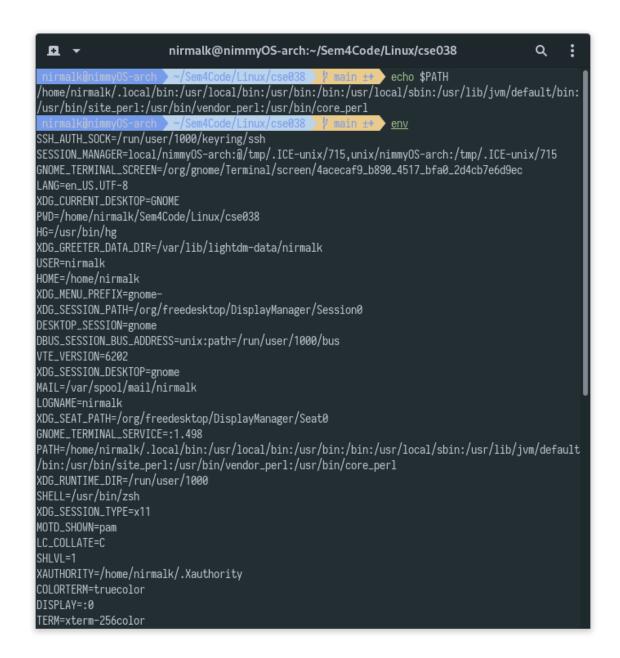
NOTE: The command still displays the subdirectory names.

```
₽ -
            nirmalk@nimmyOS-arch:~/Sem4Code/Linux/cse038
                                               main ±+ man ls
nirmalk@nimmyOS-arch ~/Sem4Code/Linux/cse038
                                              main ±+ ls -R
MobileOS Multiuser Singleuser
./MobileOS:
linux.txt
./Multiuser:
dos.txt
./Singleuser:
Android.txt ios.txt
nirmalk@nimmyOS-arch ~/Sem4Code/Linux/cse038 // main ±+ ls -Rsa
total 0
0 . 0 .. 0 MobileOS 0 Multiuser 0 Singleuser
./MobileOS:
total 0
0 . 0 .. 0 linux.txt
./Multiuser:
total 0
0 . 0 .. 0 dos.txt
./Singleuser:
total 0
0 . 0 .. 0 Android.txt 0 ios.txt
nirmalk@nimmvOS-arch ~/Sem4Code/Linux/cse038 / main ±+
```

8) Change the permissions of the file DOS.txt give read and write permissions to user and group



9) List all the environment variables and display PATH



PATH:



10) Change the prompt. And change it back to original prompt.



11) Copy the file /etc/passwd into your home directory.



12) List the usernames and home directory from /etc/passwd in sorted order

```
nirmalk@nimmyOS-arch:~
                                                                                              Q
  ₽ ▼
                                       cat /etc/passwd | awk -F: '{print $1 " " $6}' | sort
             /tmp/aurbuilder
aurbuilder
avahi
bin
         /var/lib/colord
colord
cups
daemon
                                        I
dbus
dhcpcd
      /srv/ftp
ftp
          /var/lib/geoclue
geoclue
git
       /srv/http
http
lightdm /var/lib/lightdm
       /var/spool/mail
mail
      /var/lib/mpd
mpd
        /var/lib/mysql
mysql
named
nirmalk
          /home/nirmalk
nobody
nvidia-persistenced
polkitd
root
       /root
rtkit
       /proc
systemd-coredump
systemd-journal-remote
systemd-network
systemd-resolve
systemd-timesync
      /var/lib/tor
tor
usbmux
uuidd
```