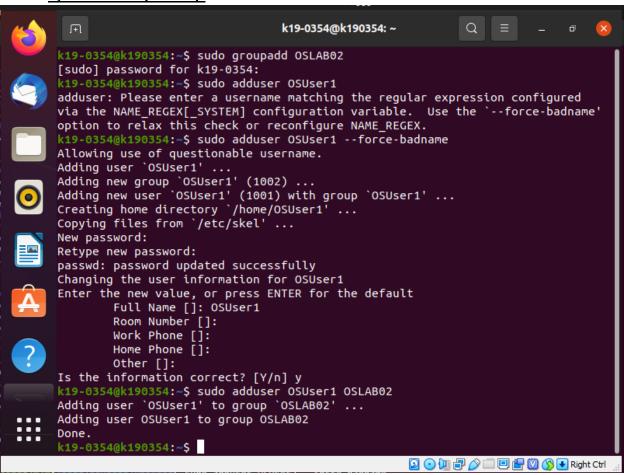
## OS LAB#02 TASKS

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ID: 19K-0354 Section: H

• Question#01 (Part-A):



Question#01 (Part-B):

```
Other []:
Is the information correct? [Y/n] y
k19-0354@k190354:~$ sudo adduser OSUser1 OSLAB02
Adding user `OSUser1' to group `OSLAB02' ...
Adding user OSUser1 to group OSLAB02
Done.
k19-0354@k190354:~$ sudo adduser OSUser2 --force-badname
Allowing use of questionable username.
Adding user `OSUser2' ...
Adding new group `OSUser2' (1003) ...
Adding new user 'OSUser2' (1002) with group 'OSUser2' ...
Creating home directory `/home/OSUser2' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for OSUser2
Enter the new value, or press ENTER for the default
       Full Name []: OSUser2
       Room Number []:
       Work Phone []:
       Home Phone []:
       Other []:
Is the information correct? [Y/n] y
k19-0354@k190354:~$ sudo adduser OSUser2 OSLAB02
Adding user 'OSUser2' to group 'OSLAB02' ...
Adding user OSUser2 to group OSLAB02
Done.
k19-0354@k190354:~$
```

• Question#01 (Part-C):

```
Done.

k19-0354@k190354:~$ su OSUser1

Password:

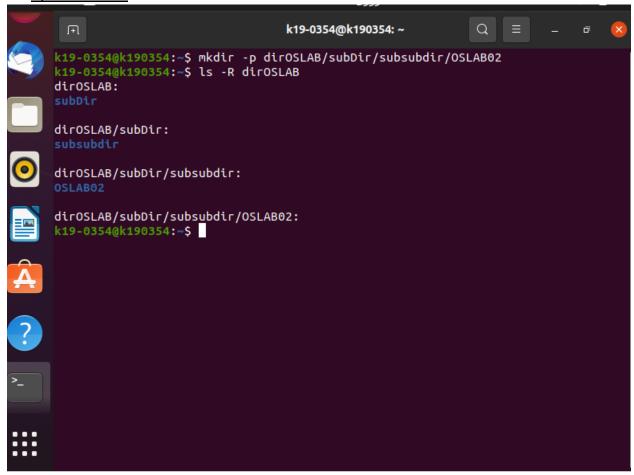
OSUser1@k190354:/home/k19-0354$ su OSUser2

Password:

OSUser2@k190354:/home/k19-0354$
```

Question#01 (Part-D):

Question#02:



• Question#04 (Part-A):

```
k19-0354@k190354:~$ sudo adduser abc
[sudo] password for k19-0354:
Adding user `abc' ...
Adding new group `abc' (1004) ...
Adding new user `abc' (1003) with group `abc' ...
Creating home directory `/home/abc' ...
Copying files from `/etc/skel' ...
New password:
Retype new password:
passwd: password updated successfully
Changing the user information for abc
Enter the new value, or press ENTER for the default
        Full Name []: abc
        Room Number []:
        Work Phone []:
       Home Phone []:
        Other []:
Is the information correct? [Y/n] y
k19-0354@k190354:~$
```

Question#04 (Part-B & C):

Question#04 (Part-D):

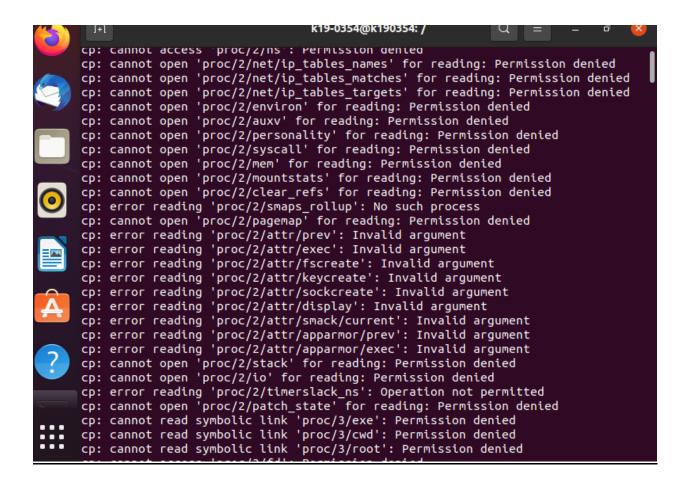
```
k19-0354@k190354:~$ mv file1.txt newname.txt k19-0354@k190354:~$ ls
Desktop Documents Music Pictures Templates dirOSLAB Downloads newname.txt Public Videos k19-0354@k190354:~$
```

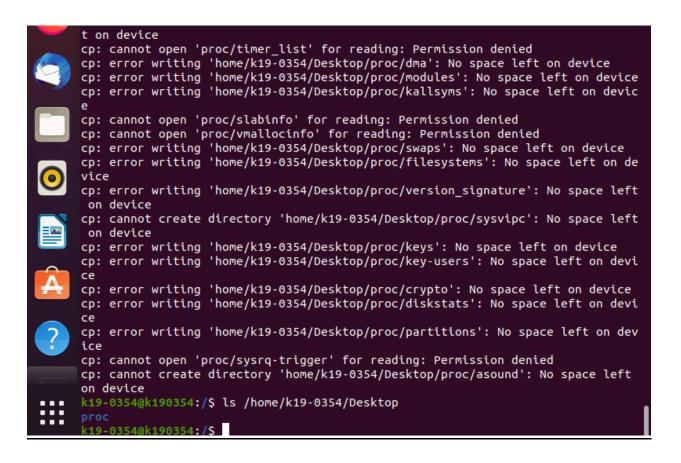
• Question#04 (Part-E):

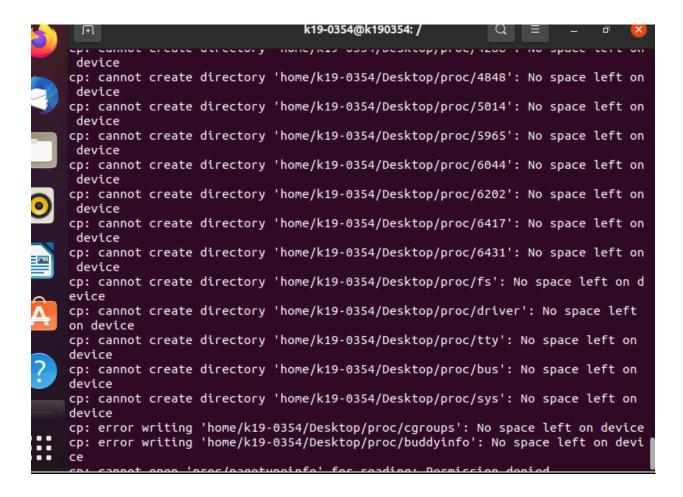
```
k19-0354@k190354:~$ touch -t 201605091820 saman.txt
k19-0354@k190354:~$
```

## Question#04 (Part-F):

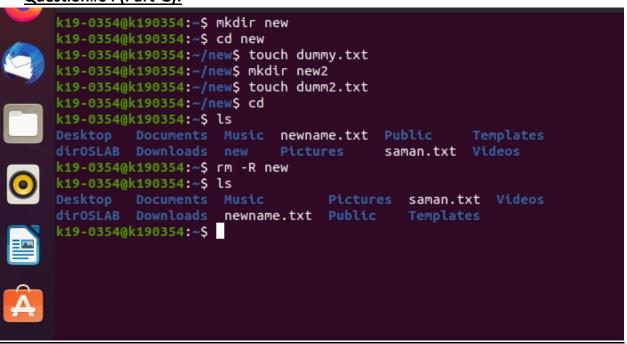
```
k19-0354@k190354:/$ cp -r proc home/k19-0354/Desktop
cp: cannot read symbolic link 'proc/2/exe': Permission denied
cp: cannot read symbolic link 'proc/2/cwd': Permission denied
cp: cannot read symbolic link 'proc/2/root': Permission denied
cp: cannot access 'proc/2/fd': Permission denied
cp: cannot access 'proc/2/task/2/fd': Permission denied
cp: cannot access 'proc/2/task/2/fdinfo': Permission denied
cp: cannot access 'proc/2/task/2/ns': Permission denied
cp: cannot open 'proc/2/task/2/net/ip tables names' for reading: Permission den
cp: cannot open 'proc/2/task/2/net/ip tables matches' for reading: Permission d
enied
cp: cannot open 'proc/2/task/2/net/ip tables targets' for reading: Permission d
enied
cp: cannot open 'proc/2/task/2/environ' for reading: Permission denied
cp: cannot open 'proc/2/task/2/auxv' for reading: Permission denied
cp: cannot open 'proc/2/task/2/personality' for reading: Permission denied
cp: cannot open 'proc/2/task/2/syscall' for reading: Permission denied
cp: cannot open 'proc/2/task/2/mem' for reading: Permission denied
cp: cannot read symbolic link 'proc/2/task/2/cwd': Permission denied
cp: cannot read symbolic link 'proc/2/task/2/root': Permission denied
cp: cannot read symbolic link 'proc/2/task/2/exe': Permission denied
cp: cannot open 'proc/2/task/2/clear_refs' for reading: Permission denied
cp: error reading 'proc/2/task/2/smaps_rollup': No such process
cp: cannot open 'proc/2/task/2/pagemap' for reading: Permission denied
cp: error reading 'proc/2/task/2/attr/prev': Invalid argument
cp: error reading 'proc/2/task/2/attr/exec': Invalid argument
cp: error reading 'proc/2/task/2/attr/fscreate': Invalid argument
```







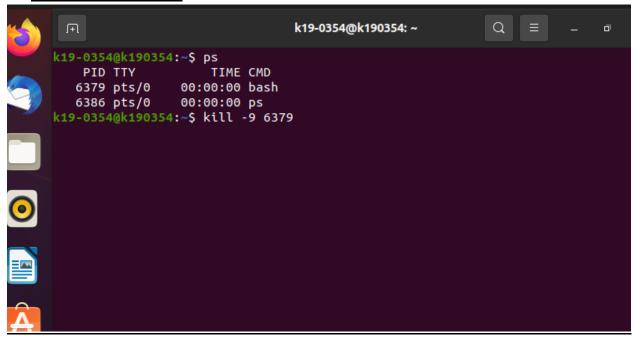
## Question#04 (Part-G):



• Question#04 (Part-H):



• Question#04 (Part-I):



It closes the terminal.

• Question#04 (Part-J):

```
slabs_cpu_partial
slab_size
 ./sys/kernel/slab/task_struct/cgroup/task_struct(471:networkd-dispatcher.servic
 e):
cpu slabs
objs_per_s
 cannot open directory './tmp/systemd-private-dd758a2fc71446eaa84cda7a41097f97-s
 ystemd-logind.service-zq2GUi'slabs_cpu_partial
: Permission deniedslab_size
 ./sys/kernel/slab/task_struct/cgroup/task_struct(479:polkit.service):
 cpu staos
 objs_per_sl
 sla
    abs_cpu_partial
 S
 slab_size
 ./sys/kernel/slab/TCP/cgroup/TCP(503:snapd.service):
 cpu slabs
 objs_per_sl
 S
     s
 s٦
     s_cpu_partial
     size
 ./sys/kernel/slab/TCP/cgroup/TCP(821:user@1000.service):
 cpu slabs
 objs_per_sl
 slabs
   abs_cpu_partial
     _size
 S
 ./sys/kernel/slab/TCP/cgroup/TCP(833:session-2.scope):
 cpu sl
 objs_per_slab
 s٦
 slabs cpu partial
 slab_size
 ./sys/kernel/slab/TCPv6:
 cpu sl
 objs_per_sl
 slabs
```

```
./usr/share/icons/gnome/sca
                               le:
./usr/share/icons/gnome/sca
                               le/apps:
./usr/share/icons/gnome/sca
                               le/mimetypes:
./usr/share/icons/gnome/scal
                               le/places:
software-update-available.png
./usr/share/icons/hicolor/sca
                                 le:
./usr/share/icons/hicolor/sca
                                 le/actions:
./usr/share/icons/hicolor/sca
                                 le/animations:
./usr/share/icons/hicolor/sca
                                 le/apps:
./usr/share/icons/hicolor/sca
                                 le/categories:
./usr/share/icons/hicolor/sca
                                 le/devices:
./usr/share/icons/hicolor/sca
                                 le/emblems:
./usr/share/icons/hicolor/sca
                                 le/emotes:
./usr/share/icons/hicolor/sca
                                 le/filesystems:
./usr/share/icons/hicolor/sca
                                 le/intl:
./usr/share/icons/hicolor/sca
                                 le/mimetypes:
./usr/share/icons/hicolor/sca
                                 le/panel:
./usr/share/icons/hicolor/sca
                                 le/places:
./usr/share/icons/hicolor/sca
                                 le/status:
./usr/share/icons/hicolor/sca
                                 le/stock:
./usr/share/icons/hicolor/sca
                                 le/stock/chart:
                                 le/stock/code:
./usr/share/icons/hicolor/sca
./usr/share/icons/hicolor/sca
                                 le/stock/data:
./usr/share/icons/hicolor/sca
                                 le/stock/form:
/usr/share/icons/hicolor/sca
                                 le/stock/image:
```

```
_mesh
qwertone_com.git
                    .azymohliad.Qwertone.png
      -cli sci
                 . png
      scil
             .png
ls: cannot open directory './var/lib/apt/lists/partial': Permission denied
avail
       le
plymouth-
            el.list
plymouth-
            el.md5sums
                 -accel:amd64.list
python3-report1
python3-report
                  -accel:amd64.md5sums
                  .list
python3-report
python3-report
                  .md5sums
python3-report
                  .postinst
python3-report
                  .prerm
xfonts-scal
            ble.conffiles
xfonts-scal
             le.list
             le.md5sums
xfonts-scal
xfonts-scal
             le.postinst
xfonts-scal
             le.postrm
ls: cannot open directory './var/lib/NetworkManager': Permission denied
ls: cannot open directory './var/lib/polkit-1': Permission denied
```

• Question#04 (Part-K):

```
k19-0354@k190354:~$ df
Filesystem
               1K-blocks
                             Used Available Use% Mounted on
udev
                 2482348
                                0
                                     2482348
                                               0% /dev
tmpfs
                  502304
                             1628
                                      500676
                                               1% /run
/dev/sda5
                19992176 18986248
                                          0 100% /
tmpfs
                 2511516
                                0
                                     2511516
                                               0% /dev/shm
tmpfs
                    5120
                                4
                                        5116
                                               1% /run/lock
tmpfs
                 2511516
                                0
                                     2511516
                                               0% /sys/fs/cgroup
                   52352
                            52352
                                          0 100% /snap/snap-store/518
/dev/loop2
                   56832
                            56832
/dev/loop0
                                           0 100% /snap/core18/1988
                                           0 100% /snap/gnome-3-34-1804/66
/dev/loop1
                  224256
                           224256
/dev/loop3
                   66432
                            66432
                                           0 100% /snap/gtk-common-themes/1514
/dev/loop4
                   31872
                            31872
                                           0 100% /snap/snapd/11036
/dev/sda1
                  523248
                                      523244
                                               1% /boot/efi
                                4
                                               1% /run/user/1000
                  502300
tmpfs
                                32
                                      502268
/dev/sr0
                   75386
                                           0 100% /media/k19-0354/VBox_GAs_6.0.1
                            75386
                               88
                                      502212
                                               1% /run/user/1001
tmpfs
                  502300
k19-0354@k190354:~$
```