

UNIX AND LINUX ESSENTIALS

ASSIGNMENT -9

SUBMITTED BY:

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B.C.A -I.O.T.

Assignment 9: -

1.cd / - directory

```
root@kali:/
                                                                              root@kali:/80x24
   c@kali:~/Desktop/A# cd /
c@kali:/# pwd
bin
                       lib32
                                    media root
                                                       vmlinuz
                                                  sys
      initrd.img
                                                       vmlinuz.old
boot
                       lib64
                                            run
      initrd.img.old libx32
                                    opt
dev
                                            sbin
                       lost+found proc
etc
      lib
```

2.Adduser name – Adiing a user

3.ls -l for long defined list

```
O 0 0
                                                                                                                                                                                  root@kali:/
 total 68
                                                                                                                                2021 bin -> usr/bin
                                                                                  7 Apr 8 2021 bin -> usr/bin

4096 Aug 21 21:41 boot

3200 Nov 11 18:21 dev

12288 Nov 11 18:31 etc

4096 Nov 11 18:30 home

34 Aug 21 21:40 initrd.img -> boot/initrd.img-5.10.0-kali7-amd64
                                       3 root root
18 root root
 drwxr-xr-x
 drwxr-xr-x 169 root
drwxr-xr-x 4 root
lrwxrwxrwx 1 root
                                               root root
root root
                                                                                                                             21:40 initrd.img -> boot/initrd.img-5.10.0-kal17-amd64
2021 initrd.img.old -> boot/initrd.img-5.10.0-kal13-amd64
2021 lib -> usr/lib
2021 lib32 -> usr/lib54
2021 lib44 -> usr/lib64
2021 libx32 -> usr/libx32
2021 lost+found
2021 media
2021 mnt
2021 opt
                                                                                           34 Apr
7 Apr
9 Apr
9 Apr
10 Apr
                                               root root
root root
  rwxrwxrwx
                                                root root
root root
                                                                                  16384 Apr

    drwx-----
    2 root root

    drwxr-xr-x
    3 root root

    drwxr-xr-x
    2 root root

    drwxr-xr-x
    5 root root

    dr-xr-xr-x
    300 root root

    drwx-----
    28 root root

    drwxr-xr-x
    37 root root

    drwxr-xr-x
    3 root root

    drwxr-xr-x
    3 root root

    dr-xr-xr-x
    3 root root

                                                                                     4096 Apr
4096 Apr
                                                                                     4096 Apr 8 2021 mnt
4096 Apr 18 2021 opt
0 Nov 11 18:21 proc
4096 Sep 27 09:13 root
880 Nov 11 18:21 run
8 Apr 8 2021 sbin -> usr/sbin
4096 Apr 8 2021 srv
0 Nov 11 18:21 sys
4096 Nov 11 18:24 tmp
4096 Apr 8 2021 usr
                                     13 root root
13 root root
14 root root
14 root root
13 root root
1 root root
1 root root
 dr-xr-xr-x
drwxrwxrwt
                                                                                     4096 Apr 8 2021 usr

4096 May 25 01:31 var

31 Aug 21 21:40 vmlinuz -> boot/vmlinuz-5.10.0-kali7-amd64

31 Apr 8 2021 vmlinuz.old -> boot/vmlinuz-5.10.0-kali3-ar
 drwxr-xr-x
  rwxrwxrwx
                                                                                                                               2021 vmlinuz.old -> boot/vmlinuz-5.10.0-kali3-amd64
```

4. Is -n long list with UID And GID

```
root@kali:/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     • • •
                                                                                                                                                                                                                      7 Apr 8 2021 bin -> usr/bin
4096 Aug 21 21:41 boot
3200 Nov 11 18:21 dev
12288 Nov 11 18:30 home
34 Aug 21 21:40 initrd.img -> boot/initrd.img-5.10.0-kali7-amd64
34 Apr 8 2021 initrd.img.old -> boot/initrd.img-5.10.0-kali3-amd64
7 Apr 8 2021 lib -> usr/lib
9 Apr 8 2021 lib -> usr/lib
10 Apr 8 2021 lib32 -> usr/lib32
9 Apr 8 2021 lib4 -> usr/lib32
9 Apr 8 2021 lib4 -> usr/lib32
16384 Apr 8 2021 lib432 -> usr/lib32
16384 Apr 8 2021 lib432 -> usr/lib32
16384 Apr 8 2021 lost+found
4096 Apr 8 2021 media
4096 Apr 8 2021 media
4096 Apr 18 2021 opt
0 Nov 11 18:21 proc
4096 Sep 27 09:13 root
880 Nov 11 18:21 run
8 Apr 8 2021 sbin -> usr/sbin
4096 Apr 8 2021 srv
0 Nov 11 18:21 sys
4096 Nov 11 18:24 limp
4096 Apr 8 2021 usr
4096 May 25 01:31 var
31 Aug 21 21:40 vmlinuz -> boot/vmlinuz-5.10.0-kali3-amd64
31 Apr 8 2021 vmlinuz.old -> boot/vmlinuz-5.10.0-kali3-amd64
         otal 68
| 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 0 | 1 0 
                                                                                                                                                     1 0 0
1 0 0
1 0 0
1 0 0
1 0 0
         rwxrwxrwx
         rwxrwxrwx
         rwxrwxrwx
                                                                                                                                                     1 0 0 10 Apr
2 0 0 16384 Apr
3 0 0 4096 Apr
2 0 0 4096 Apr
5 0 0 4096 Apr
drwx - - - - -
  drwxr-xr-x
drwxr-xr-x
drwxr-xr-x
  dr-xr-xr-x 300 0 0
                                                                                                                                   300 0 0 0 28 0 0 37 0 0 1 0 0 0 13 0 0 14 0 0 13 0 0 1 0 0 1 0 0 1 0 0 0 #
  drwxr-xr-x
drwxr-xr-x
dr-xr-xr-x
  drwxrwxrwt
  drwxr-xr-x
      drwxr-xr-x
```

5.chmod to change permission

6.chmod to change permission

7. Default permission

```
root@kali:~/Desktop/A#

root@kali:~/Desktop/A#

root@kali:~/Desktop/A#

root@kali:~/Desktop/A#

root@kali:~/Desktop/A#

root@kali:~/Desktop/A#

root@kali:~/Desktop/A#
```

8. Permission for current Directory

```
root@kali:-/Desktop/A# ls -ld
drwxr-xr-x 2 root root 4096 Sep 16 17:58 .
root@kali:-/Desktop/A#
```