Linux Assignment


```
rohan@Ubuntu:~$ ls
Desktop     Downloads   Pictures   snap        Videos
Documents   Music       Public     Templates
rohan@Ubuntu:~$ ls -l
total 36
drwxr-xr-x 2 rohan rohan 4096 Apr 13 01:29 Desktop
drwxr-xr-x 2 rohan rohan 4096 Apr 13 01:29 Documents
drwxr-xr-x 2 rohan rohan 4096 Apr 13 01:29 Downloads
drwxr-xr-x 2 rohan rohan 4096 Apr 13 01:29 Music
drwxr-xr-x 2 rohan rohan 4096 Apr 13 01:29 Pictures
drwxr-xr-x 2 rohan rohan 4096 Apr 13 01:29 Public
drwx------ 3 rohan rohan 4096 Apr 13 01:30 snap
drwxr-xr-x 2 rohan rohan 4096 Apr 13 01:29 Templates
drwxr-xr-x 2 rohan rohan 4096 Apr 13 01:29 Videos
rohan@Ubuntu:~$ ls -a
.                .bash_logout  .config    Downloads  Pictures  snap
..               .bashrc       Desktop    .local     .profile  Templates
.bash_history    .cache        Documents  Music      Public    Videos
rohan@Ubuntu:~$ pwd
/home/rohan
rohan@Ubuntu:~$ uname -r
5.19.0-38-generic
rohan@Ubuntu:~$ uname
Linux
rohan@Ubuntu:~$
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/home/rohan
rohan@Ubuntu:~$ uname -r
5.19.0-38-generic
rohan@Ubuntu:~$ uname
Linux
rohan@Ubuntu:~$ mkdir -p a/b/c
rohan@Ubuntu:~$ tree
Command 'tree' not found, but can be installed with:
snap install tree  # version 1.8.0+pkg-3fd6, or
apt  install tree  # version 2.0.2-1
See 'snap info tree' for additional versions.
rohan@Ubuntu:~$ tree a
Command 'tree' not found, but can be installed with:
snap install tree  # version 1.8.0+pkg-3fd6, or
apt  install tree  # version 2.0.2-1
See 'snap info tree' for additional versions.
rohan@Ubuntu:~$ tree "a"
Command 'tree' not found, but can be installed with:
snap install tree  # version 1.8.0+pkg-3fd6, or
apt  install tree  # version 2.0.2-1
See 'snap info tree' for additional versions.
rohan@Ubuntu:~$ snap install tree
tree 1.8.0+pkg-3fd6 from 林博仁(Buo-ren, Lin) (brlin) installed
rohan@Ubuntu:~$ tree a]
locales-launch: Data of en_IN locale not found, generating, please wait...
a] [error opening dir]

0 directories, 0 files
rohan@Ubuntu:~$ tree a
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```
rohan@Ubuntu:~$ mkdir a/b/c
mkdir: cannot create directory 'a/b/c': No such file or directory
rohan@Ubuntu:~$ mkdir -p  a/b/c
rohan@Ubuntu:~$ tree a
a
`-- b
    `-- c

2 directories, 0 files
rohan@Ubuntu:~$ rm -r a
rohan@Ubuntu:~$ ls
Desktop    Downloads  Pictures  snap       Videos
Documents  Music      Public    Templates
rohan@Ubuntu:~$
```

```
2 directories, 0 files
rohan@Ubuntu:~$ rm -r a
rohan@Ubuntu:~$ ls
Desktop     Downloads   Pictures   snap        Videos
Documents   Music       Public     Templates
rohan@Ubuntu:~$ mkdir a
rohan@Ubuntu:~$ cd a
rohan@Ubuntu:~/a$ touch file1.txt
rohan@Ubuntu:~/a$ touc file2.txt
Command 'touc' not found, did you mean:
  command 'touch' from deb coreutils (8.32-4.1ubuntu1)
Try: apt install <deb name>
rohan@Ubuntu:~/a$ touch file2.txt
rohan@Ubuntu:~/a$ touch file3.txt
rohan@Ubuntu:~/a$ cat > file1
from file onerohan@Ubuntu:~/a$ ls
file1  file1.txt  file2.txt  file3.txt
rohan@Ubuntu:~/a$ cat file1.txt
rohan@Ubuntu:~/a$ cat file1
from file onerohan@Ubuntu:~/a$ rm file1
rohan@Ubuntu:~/a$ ca > file1.txt
ca: command not found
rohan@Ubuntu:~/a$ cat > file1.txt
From file onerohan@Ubuntu:~/a$ cat > file2.txt
from file tworohan@Ubuntu:~/a$ cat file1.txt file2.txt > file3.txt
rohan@Ubuntu:~/a$ cat file3.txt
From file onefrom file tworohan@Ubuntu:~/a$ █
```

```
rohan@Ubuntu:~/a$ whoami
rohan
rohan@Ubuntu:~/a$ cd..
cd..: command not found
rohan@Ubuntu:~/a$ cd
rohan@Ubuntu:~$ hostnamectl
 Static hostname: Ubuntu
       Icon name: computer-vm
         Chassis: vm
      Machine ID: 462776adc01a4d5fbd6fb0b268149c7e
         Boot ID: 57da3a7fa1ad421a8e0ba87deb6c73c6
  Virtualization: oracle
Operating System: Ubuntu 22.04.2 LTS
          Kernel: Linux 5.19.0-38-generic
    Architecture: x86-64
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```
rohan@Ubuntu:~$ cd a
rohan@Ubuntu:~/a$ ls
file1.txt  file2.txt  file3.txt
rohan@Ubuntu:~/a$ grep file file1.txt
From file one
rohan@Ubuntu:~/a$ chmod 444 file1.txt
rohan@Ubuntu:~/a$ ls -l
total 12
-r--r--r-- 1 rohan rohan 13 Apr 14 00:24 file1.txt
-rw-rw-r-- 1 rohan rohan 13 Apr 14 00:24 file2.txt
-rw-rw-r-- 1 rohan rohan 26 Apr 14 00:26 file3.txt
rohan@Ubuntu:~/a$ find ./ file1.txt
./
./file1.txt
./file2.txt
./file3.txt
file1.txt
rohan@Ubuntu:~/a$
```