

5 – linux continue

- 1) `mkdir akshat` (this command will create a new directory named akshat)

how to get inside the directory we have created

- 2) `cd akshat`

(`cd ->` change directory) basically with this command u will enter inside the directory named akshat

- 3) `cat > akshat.txt`
hello akshat
ctrl d to exit

- 4) `ls`
o/p : akshat.txt

If I want to check my current working directory ?

- 5) `pwd`

(`pwd ->` present working directory)

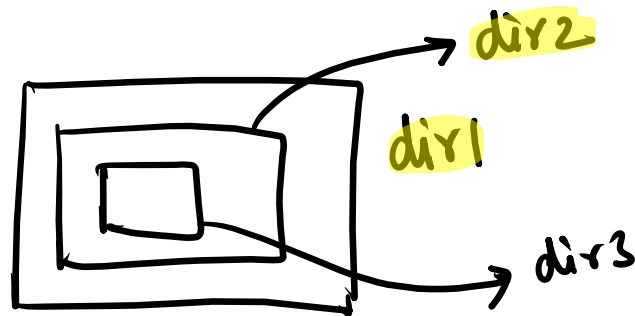
to come out of the directory (lets say we are in akshat directory and I want to come back to root directory)

```
File Edit View Search Terminal Help
akshu20791gmail@ip-172-31-83-7:~$ sudo su
root@ip-172-31-83-7:/home/akshu20791gmail# mkdir akshat
root@ip-172-31-83-7:/home/akshu20791gmail# cd akshat
root@ip-172-31-83-7:/home/akshu20791gmail/akshat# cat > akshat.txt
hello akshat
root@ip-172-31-83-7:/home/akshu20791gmail/akshat# ls
akshat.txt
root@ip-172-31-83-7:/home/akshu20791gmail/akshat# pwd
/home/akshu20791gmail/akshat
root@ip-172-31-83-7:/home/akshu20791gmail/akshat#
```

- 6) `cd ..`

```
/home/akshu20791gmail/akshat
root@ip-172-31-83-7:/home/akshu20791gmail/akshat# cd ..
root@ip-172-31-83-7:/home/akshu20791gmail#
```

I want to make a directory inside and inside that directory I want to create another directory



`mkdir -p dir1/dir2/dir3`

```
root@ip-172-31-83-7:/home/akshu20791gmail# mkdir -p dir1/dir2/dir3
root@ip-172-31-83-7:/home/akshu20791gmail# ls
ls: cannot access 'thinclient_drives': Permission denied
Desktop Documents Downloads Music Pictures Public Templates Videos akshat dir1 thinclient_drives
root@ip-172-31-83-7:/home/akshu20791gmail# cd dir1
root@ip-172-31-83-7:/home/akshu20791gmail/dir1# ls
dir2
root@ip-172-31-83-7:/home/akshu20791gmail/dir1# cd dir2
root@ip-172-31-83-7:/home/akshu20791gmail/dir1/dir2# ls
dir3
root@ip-172-31-83-7:/home/akshu20791gmail/dir1/dir2# cd dir3
root@ip-172-31-83-7:/home/akshu20791gmail/dir1/dir2/dir3#
```

I want to come back to the home location

`cd ../../..`

(it is same as `cd ..` and then `cd ..` and then again `cd ..`)

```
root@ip-172-31-83-7:/home/akshu20791gmail/dir1/dir2# cd dir3
root@ip-172-31-83-7:/home/akshu20791gmail/dir1/dir2/dir3# cd ..
root@ip-172-31-83-7:/home/akshu20791gmail/dir1/dir2# cd ..
root@ip-172-31-83-7:/home/akshu20791gmail/dir1# cd ..
root@ip-172-31-83-7:/home/akshu20791gmail#
```

`cd dir1/dir2/dir3`

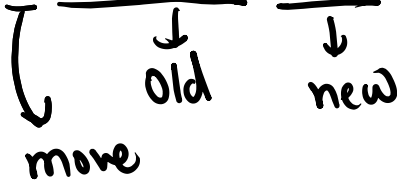
`cd ../../..`

```
root@ip-172-31-83-7:/home/akshu20791gmail# cd dir1/dir2/dir3
root@ip-172-31-83-7:/home/akshu20791gmail/dir1/dir2/dir3# cd ../../..
root@ip-172-31-83-7:/home/akshu20791gmail#
```

lets say I have created file with akshattrainer.txt and I want to rename it with devopslearning.txt

touch akshattrainer.txt

mv akshattrainer.txt devopslearning.txt



```
root@ip-172-31-83-7:/home/akshu20791gmail# touch akshat.txt
root@ip-172-31-83-7:/home/akshu20791gmail# ls
ls: cannot access 'thinclient_drives': Permission denied
Desktop Documents Downloads Music Pictures Public Templates Videos akshat akshat.txt dir1 thinclient_drives
root@ip-172-31-83-7:/home/akshu20791gmail# mv akshat.txt devopslearning.txt
root@ip-172-31-83-7:/home/akshu20791gmail# ls
ls: cannot access 'thinclient_drives': Permission denied
Desktop Documents Downloads Music Pictures Public Templates Videos akshat devopslearning.txt dir1 thinclient_drives
root@ip-172-31-83-7:/home/akshu20791gmail#
```

now suddenly I realized that this file devopslearning.txt need to be created in dir1 rather than root
...and now I want to move this file in dir1

ls

```
root@ip-172-31-83-7:/home/akshu20791gmail# ls
ls: cannot access 'thinclient_drives': Permission denied
Desktop Documents Downloads Music Pictures Public Templates Videos akshat devopslearning.txt dir1 thinclient_drives
```

mv devopslearning.txt dir1

(this command will move the file devopslearning.txt to dir1 directory)

