**Assignment \_ Day 3**

**Assignment 1 @ 2** skipped because not able install any VM because of my company lap .I don’t have any personal machine of my own .Using a linux server in Ec2 for further assessments .

**Assignment 3 :-**

**Working with directories :**

1)Enter the command **cd /** and then **ls** and then hit **Enter** key

* Take screenshot and explain what output we got?



* When i hit cd / that took me to root directory (/) and then i have ls , that shows the directories under the / directory .

2) Enter the command now **cd /home** and then hit **Enter** key

Do **ls,** provide screenshot and explain what is **/home** directory used for?



* Im currently in root directory ( / ) when i hit cd home/ that pushed me under home directory and then ls under home directory there is another directory named ec2-user .

3)Enter **cd ..** and hit **Enter** key [ *Note: here we have space after cd then use double dot*]

* Check what happen and give screenshot?



* When hit cd .. it took back to the root directory . Now im currently under Root (/) directory .

4)Now enter **cd /var/www/html** and then type **cd** and hit **Enter** key

* Explain what happen and give screenshot?



* When i tried to execute **cd /var/www/html** it shows no such directory , i checked inside /var directory we don't have www and then when i cd it took me to the default user directory which is ec2-user
* For knowledge activity as instructor done in day 3 i tried replicate those so create the www and html inside the var directory



5)Now type **cd /root** and then hit **Enter** key

* Do **ls,** check any output we have on screen if yes then take screenshot?



* Executed the command cd /root but permission is denied because im in ec2-user ,

So i used the root user sudo to get into root directory that took again to the home directory into the user directory .

**Assignment-4**

Working with File Listing:

1)Go to **cd /etc** and type **ls**

* Take screenshot and explain what files you have seeing?
* Take screenshot and explain what different output you found compare to previous command you used?



* I can see multiple files and directory under etc/ directory . The difference i found is when i cd root/ it took me to home/ec2-user location and cd etc/ it took me to config place where many files and directories present

2)Then type **ls -al** and hit **Enter** key

* Take screenshot and explain what new file or directory you found?



* It list the directory , files and hidden files permissions and last date and time when modified
* R is read with 4 permission value
* W is write with 2 permission value
* E is execute with 1 permission value
* drwxr-xr-x :- starting d indicates the Directory
* -rw-r--r– :- starting - (hyphen) indicates that is file

3)Then use **ls -i** and hit **Enter** key

* Now see what different output its shows and take screenshot?



* It shows the index number if those files /directories

**Assignment-5**

Know where you are and where you working

*Here we use* ***pwd, cd and ls*** *as combine task to understand where you working on terminal and how you can switch from one directory to another one.*

1) Open terminal after restart the linux

* Check which location you working, type **pwd** and take screenshot



* Restarted linux terminal the current location is ec2-user

2)Now use **cd /var** and hit **Enter** key

* Do **ls,** and see what output comes, give screenshot?



* From ec-user directory it took me to var/