**Assignment-1**

**Connect and disconnect with login Access**

* **What happens when you login a non-existent users or username?**
  + **Provide Screenshot and What you understand, explain in short brief?**
* **We can’t login in any linux OS as non-existent users. If any unknown user wants to use linux OS then it’s a privacy breach and which shouldn’t be happen if working in any organization and its mandatory to.**

**Assignment-2**

**Password changing**

* **Login into your account and then change password?**
  + **Change your password into *IneuR0n#42* and hit the Enter key**
    - **Explain what happen and give screenshot?**

Password will be changed easily with a command of **passwd** when you login as a root. SS attached in folder.

* + **Try again to change password but use like password *1234* or *abcd***
    - **Explain what happen and give screenshot?**

**Password can’t be change as it required one special, caps and numeric and also length of password is also mandatory.SS attached in folder.**

* + **Try again to change password but now don’t use any password just hit Enter key**
    - **Explain what happen and give screenshot?**

**It can’t be happened because any root user need password and it’s a authentication of a linux user.SS attached in folder.**

**Assignment-3**

**Working with Directories**

* **Enter the command cd / and then ls and then hit Enter key**
  + **Take screenshot and explain what output we got?**

this command is used to change directory to the root directory, The root directory is the first directory in your filesystem hierarchy. SS attached in folder.

* **Enter the command now cd /home and then hit Enter key**
  + **Do ls, provide screenshot and explain what is /home directory used for?**

This command is used for move inside the directory so by this we are in home directory. SS attached in folder.

* **Enter cd .. and hit Enter key [ *Note: here we have space after cd then use double dot*]**
  + **Check what happen and give screenshot?**

this command is used to move to the parent directory of current directory, or the directory one level up from the current directory. “..” represents parent directory. SS attached in folder.

* **Now enter cd /var/www/html and then type cd and hit Enter key**
  + **Explain what happen and give screenshot?**

cd /var command is used to enter in var directory and if you want to move in another directory and if we use above command its not a right command to enter in more directory in one time go, so its shows error. SS is attached in folder.

* **Now type cd /root and then hit Enter key**
  + **Do ls, check any output we have on screen if yes then take screenshot?**

When I used this command it shows permission denied. **Please give me info about this.** Ss attached in folder.

**Assignment-4**

**Working with File Listing**

* **Go to cd /etc and type ls**
  + **Take screenshot and explain what files you have seeing?**

By this command we entered itno subdirectories of etc. SS attached in folder

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

From the previous command we haven’t entered into root directory it think it need authentication or root password to entered into root directory as it define from word its root so it have important file to access. And when we want to enter in etc we can easily entered by cd /etc command. SS attached in folder.

* **Then type ls -al and hit Enter key**
  + **Take screenshot and explain what new file or directory you found?**

This command is used to show the rights what else can do with the files are shown. It showing which file to execute write and show to anyone and they can use. SS attached in folder. Four directories show some new subdirectory from as shown in SS attached. Like bin -> usr/bin etc.

* **Then use ls -i and hit Enter key**
  + **Now see what different output its shows and take screenshot?**

This command is used to see the memory which have taken by the all directories. SS attached in folder.

* **Then use ls –help and see other options about ls command**

This command Is used to see commands which we have to use or if we are not recall when we are doing work.

**Explore it and try with other attribute we can use with ls command**