

Assignment 1

1)When we login as a nonexistent user, it shows the message as in the screenshot. If the user does not exist, we cannot login.

2)The password has to be at least 8 characters long. So password gets changed to lneuR0n#42 but not to abcd or 1234 as they are only 4 characters long.

When we just hit enter but do not give any password, the message as in the screenshot gets displayed.

3)a) we use `cd /` and then `ls` to change to root directory of file system of linux and list all the files and directories inside.

b) we use `cd /home` and then `ls` to go to home directory and list all the files and directories inside.

c)`cd ..` is used to go to parent directory of current directory.

d)`cd /var/www/html` is created when one installs Apache HTTP server. Currently, it is giving error.

e) we use `cd /root` and then `ls` to change to root user directory and list all the files and directories inside.

4)`cd /etc` is used to go to configuration files and directories.

`ls -al` is a combination of `ls -l` and `ls -a` and it is used to show all the even hidden files and directories in a long list format.

`ls -li` is used to list the inode (index number) of each file and directory.

`ls --help` is used to access the help manual.

5)`pwd` is used to show the current working location or directory.

`cd /var` and then `ls` is used to go to the var directory. var contains variable data files.