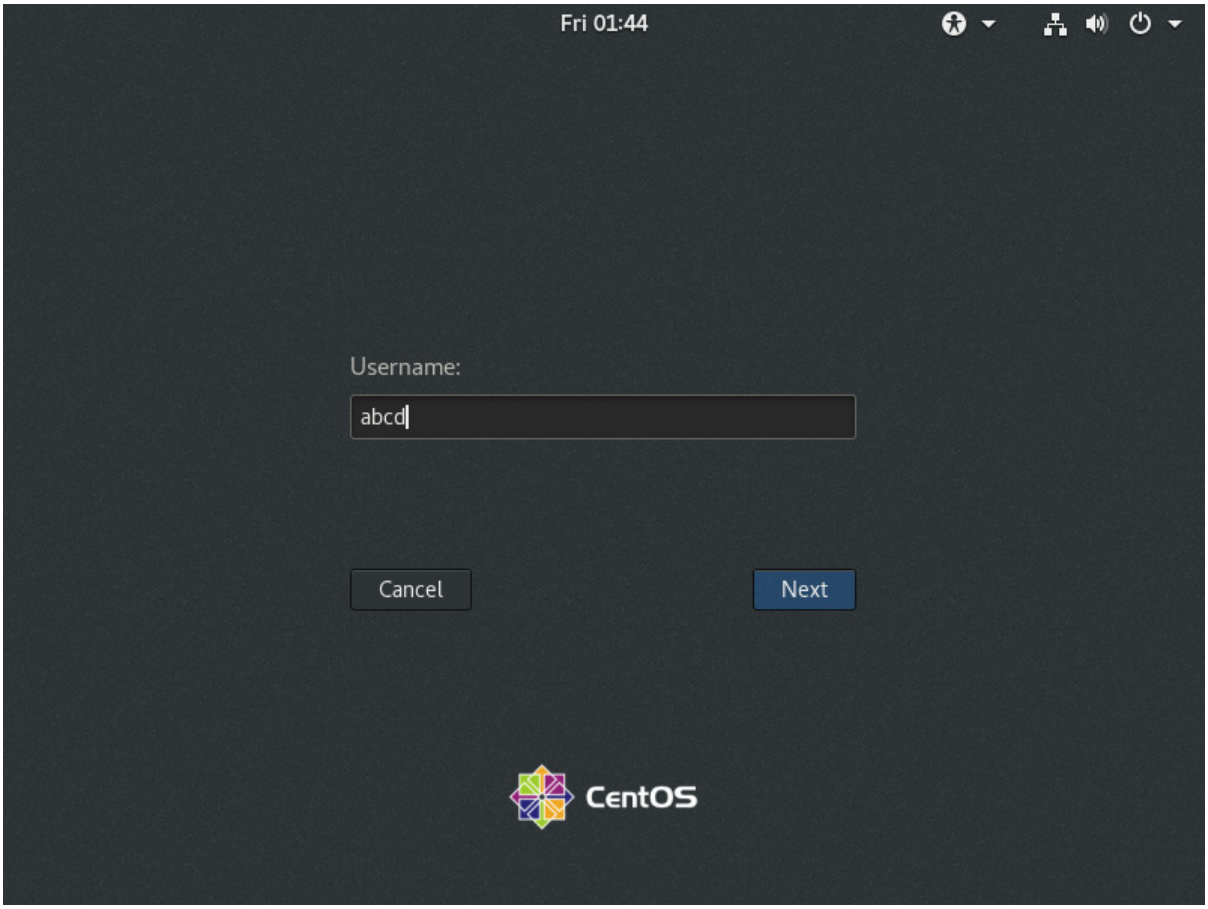
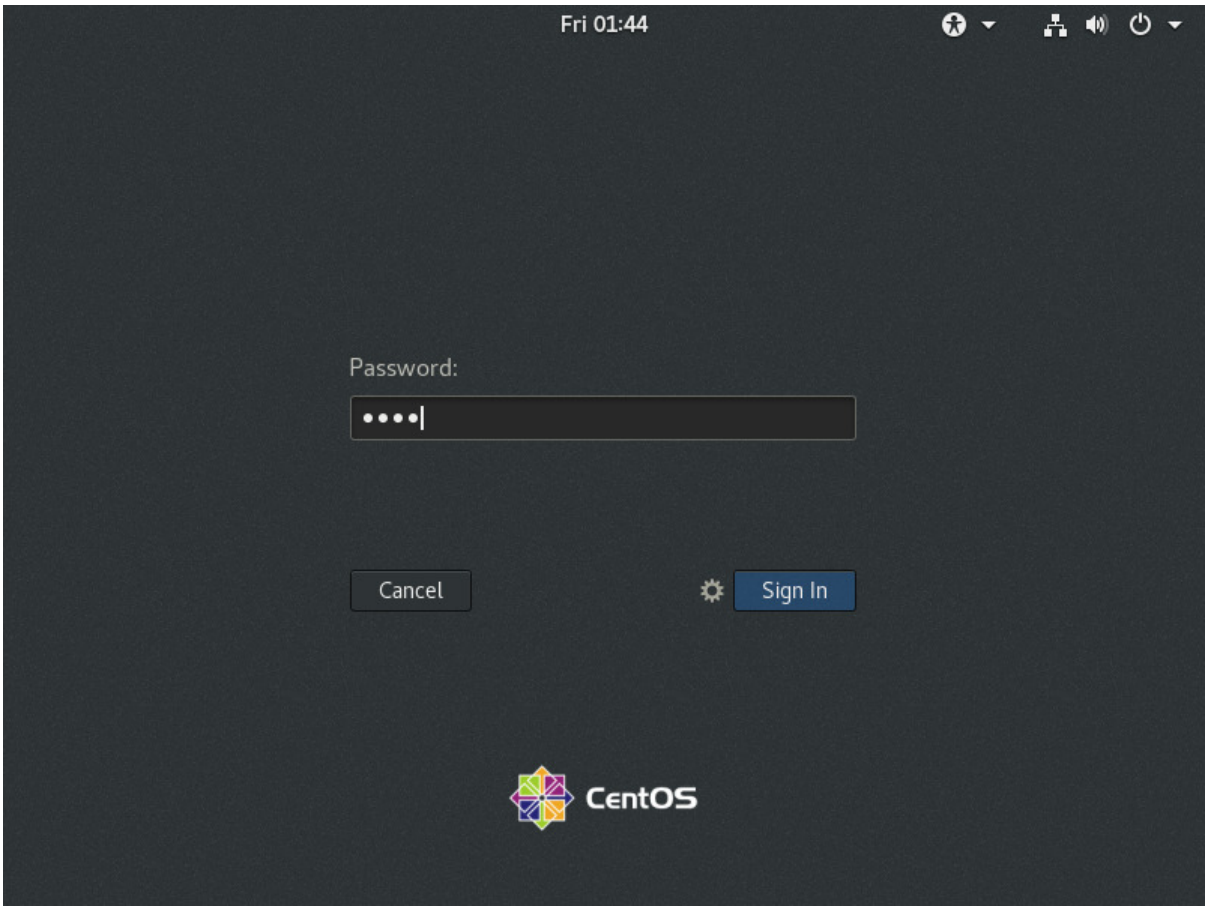
Linux Assignment Set

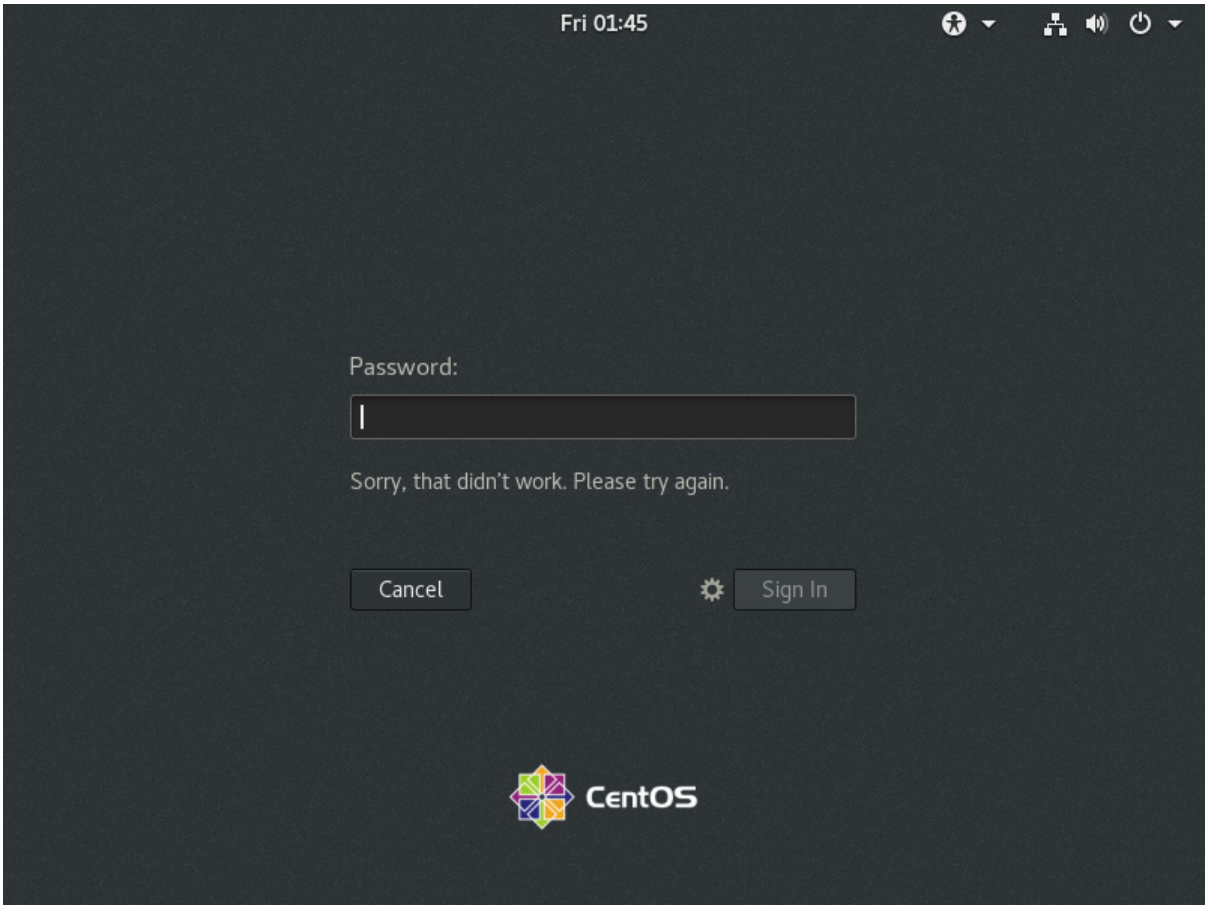
Assignment 1

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?





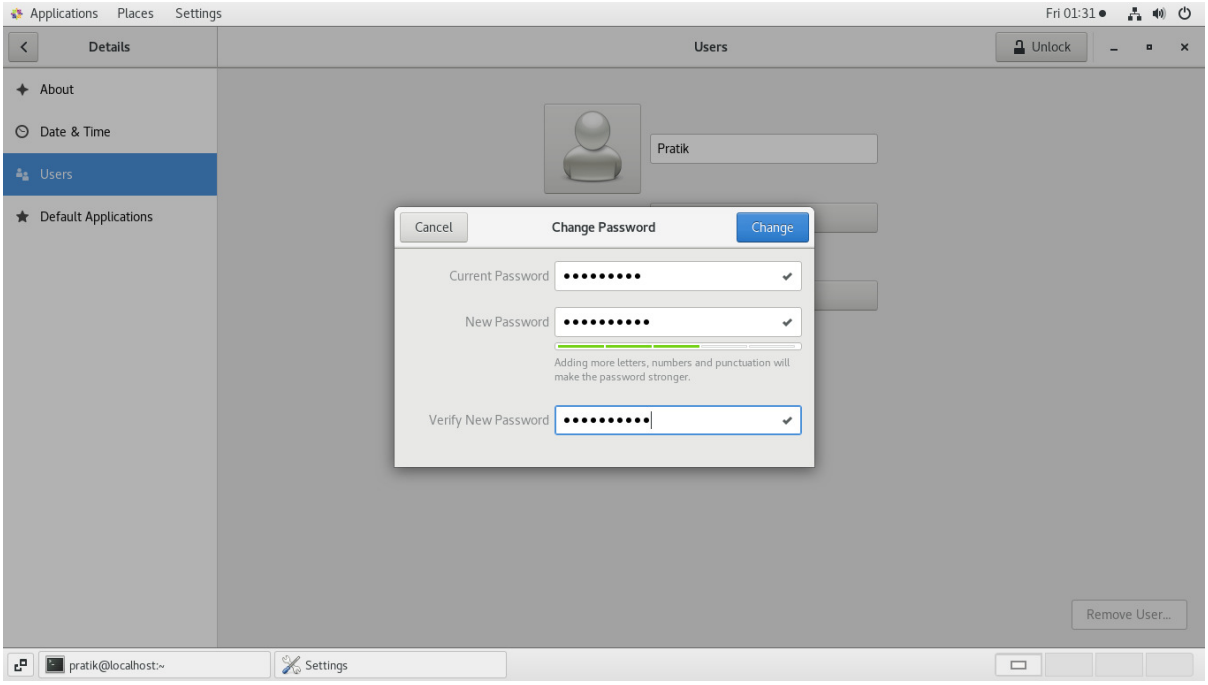


- Cant login to a non-existent username.

Assignment 2

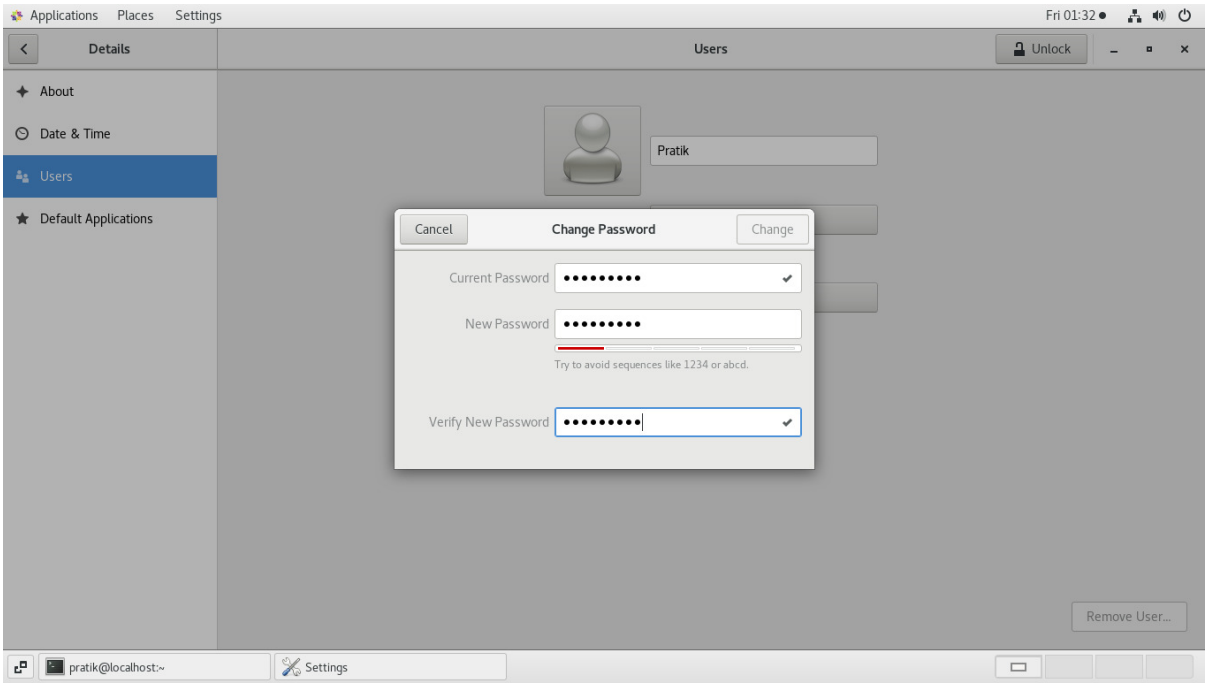
Password changing

- 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?



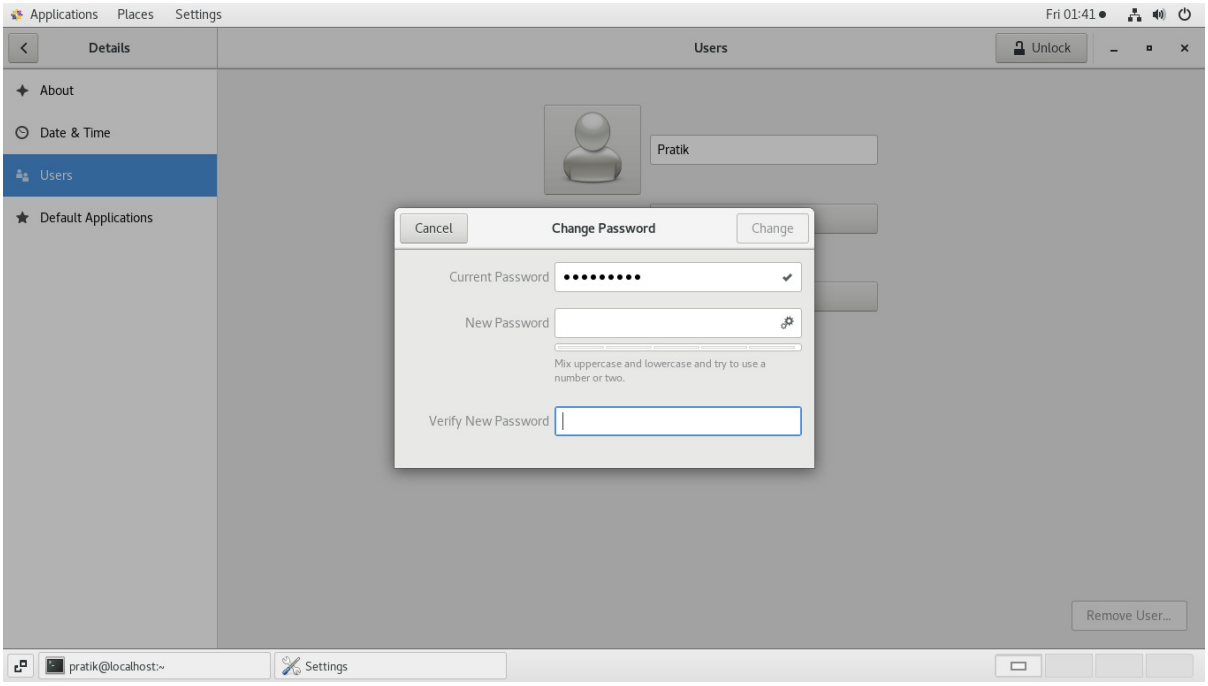
        - User login password is changes to new password.

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



        - Doesnt allows to change password to generic sequences like "1234".

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

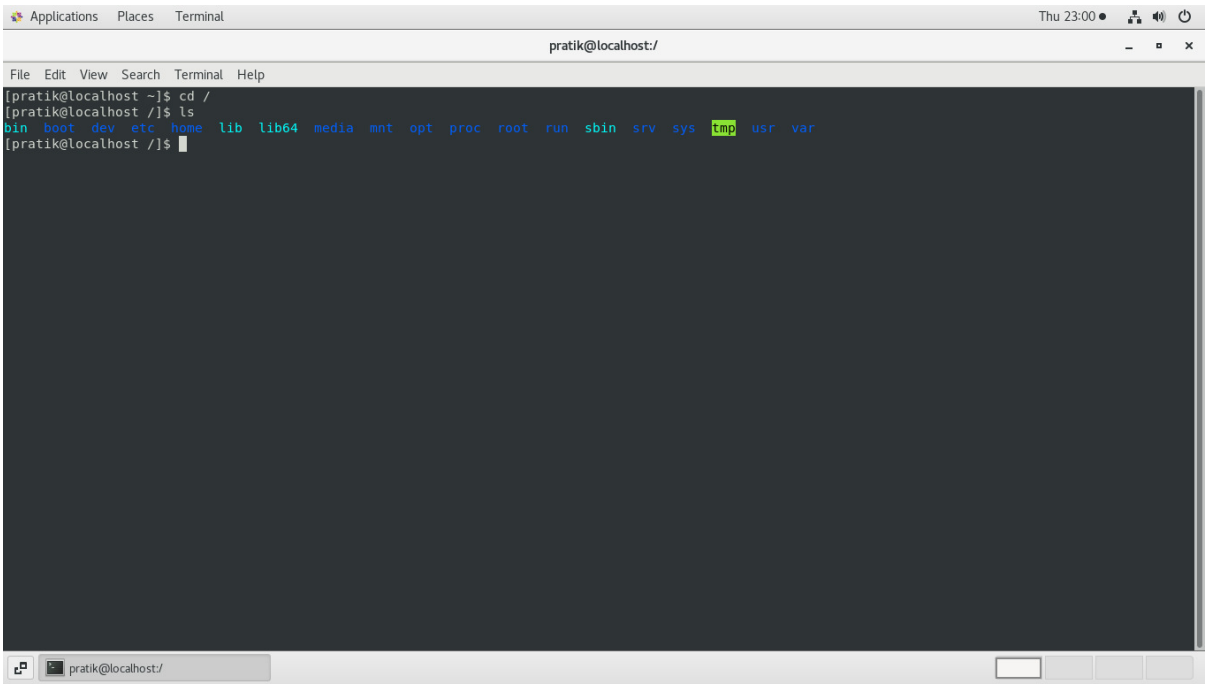


        - Cant change password.

Assignment 3

Working with Directories

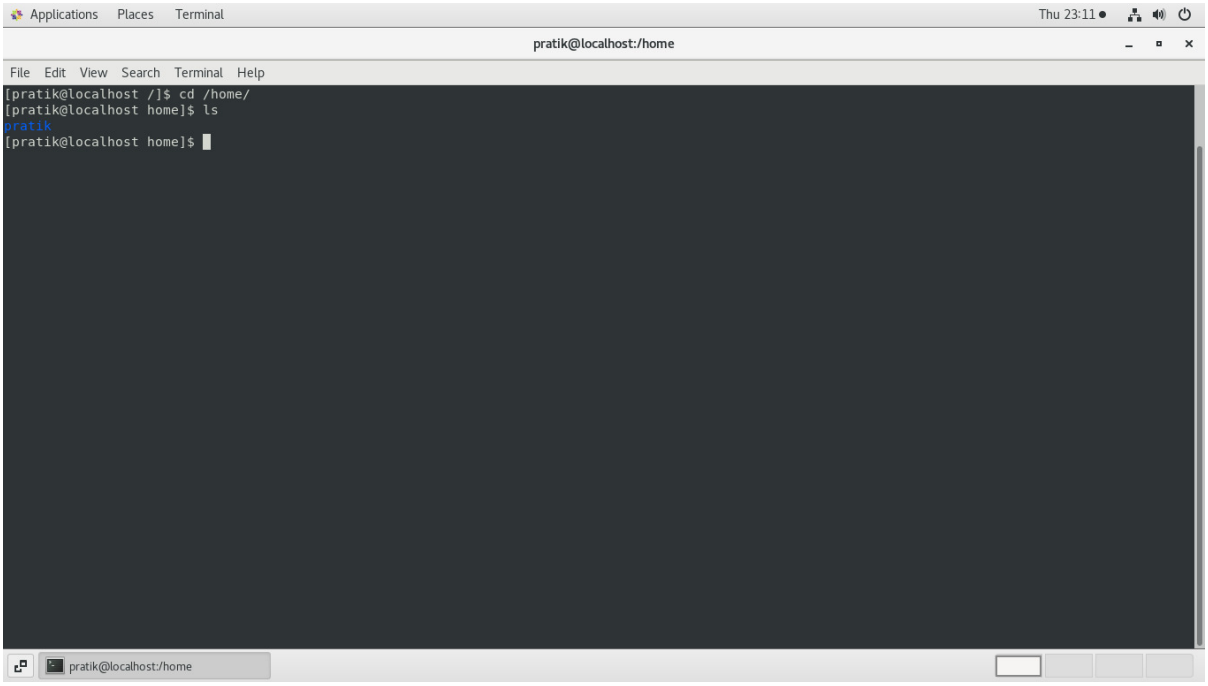
- Enter the command cd / and then ls and then hit Enter key
    - Take screenshot and explain what output we got?



        - "/" is the root directory in linux OS.

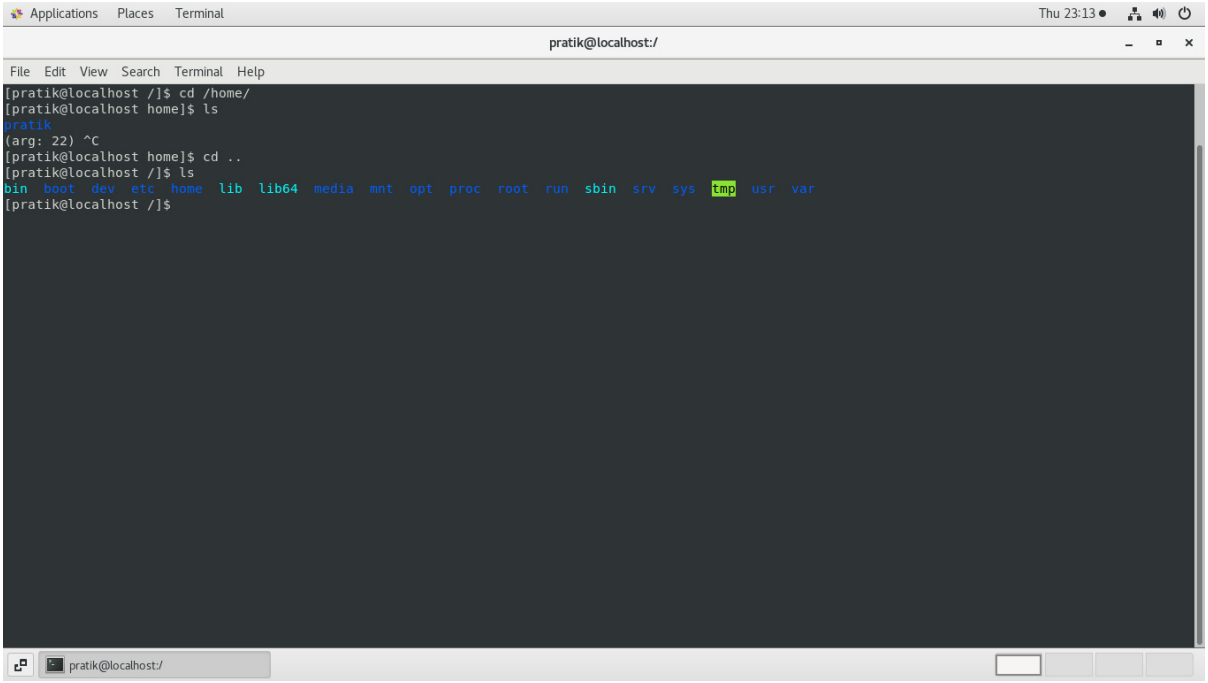
    - Everything in linux begins from this directory.

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



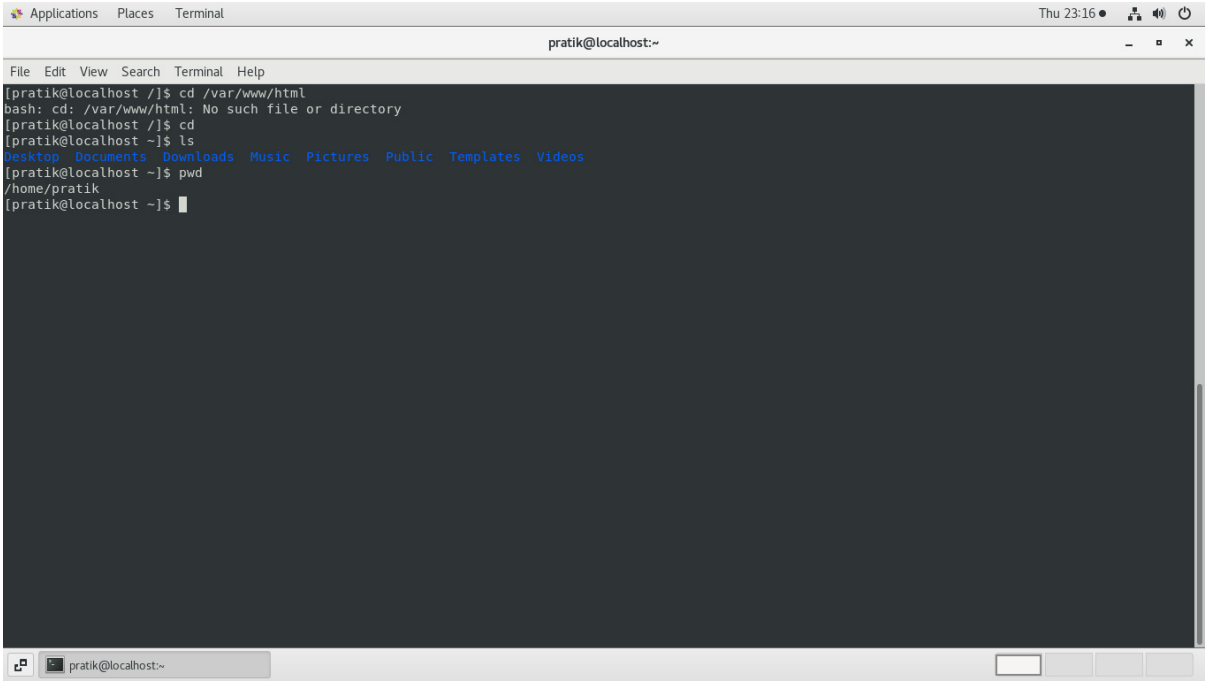
    - /home directory lists the number of directories for specific users in system.

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



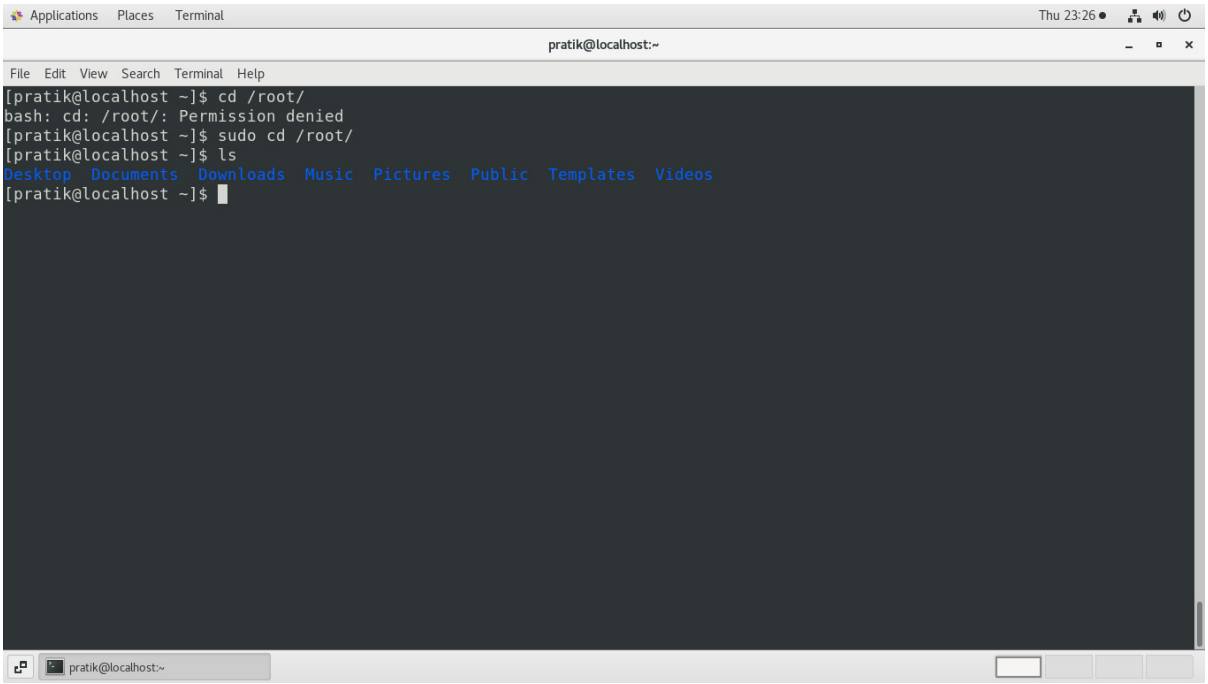
    - It takes us to / directory ie one directory up.

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



  - Since there is not such folder such as www/html inside /var it gave us the error that "No such file or folder"
  - cd + Enter takes us to the home directory of the user.

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

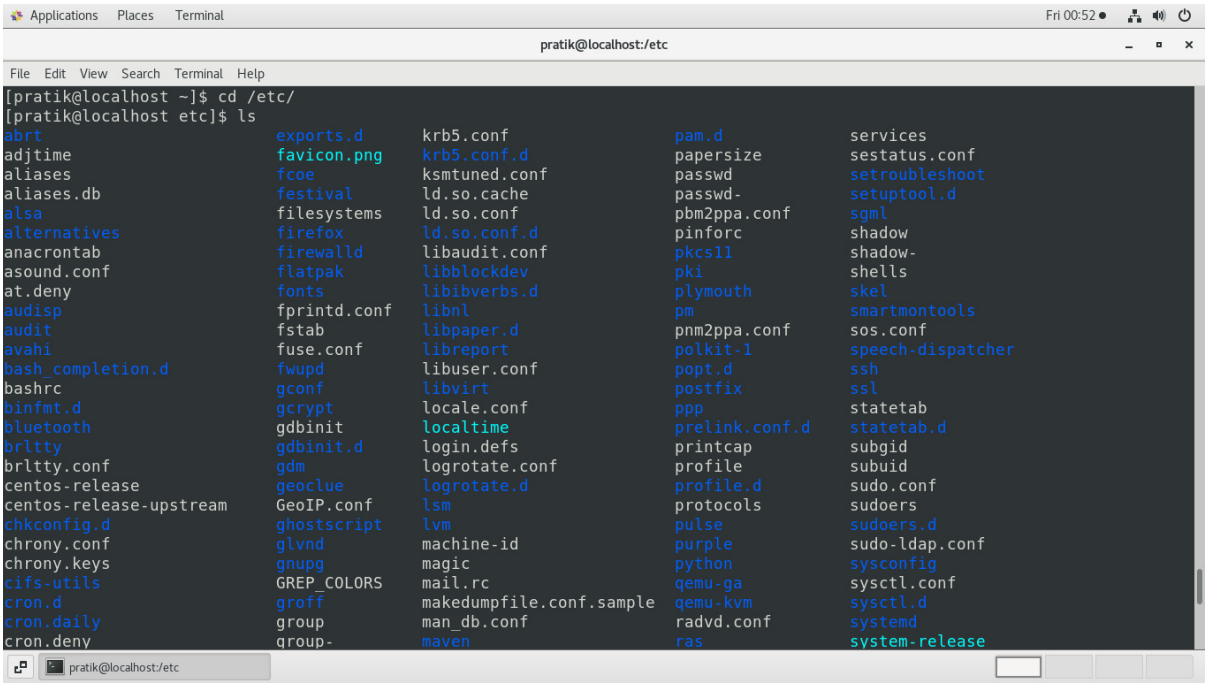


Assignment 4

Working with File Listing

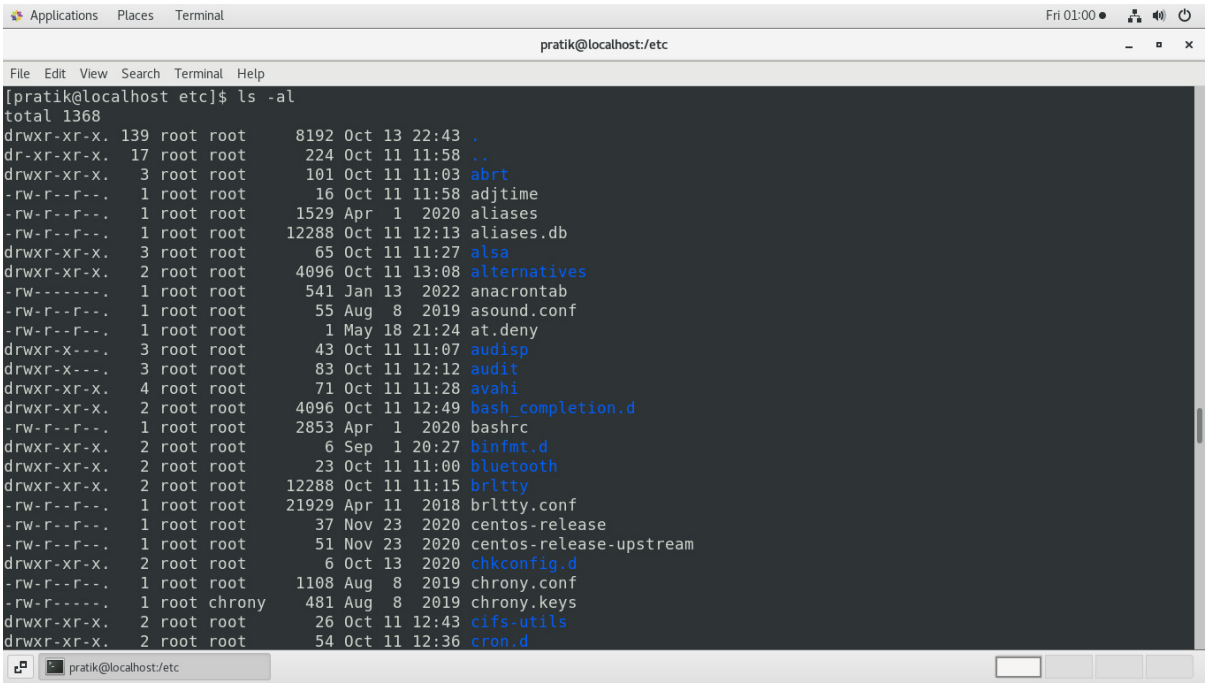
- Go to cd /etc and type ls

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



  - System configuration files are stored in /etc

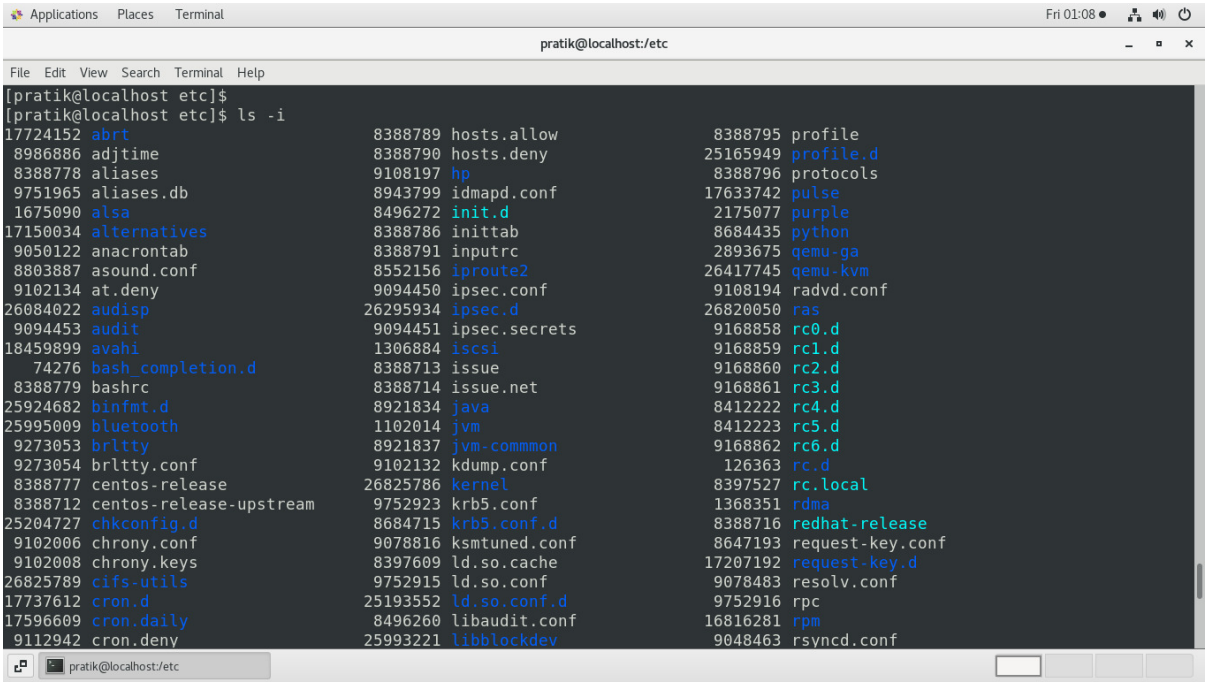
- Then type ls -al and hit Enter key
  - Take screenshot and explain what new file or directory you found?



  - *ls -l* : to list files and folders is list format
  - *ls -a* : to list all files and folders (including hidden files) in current directory
  - *ls -la* : to list all files and folders (including hidden files) is list format

- Then use ls -i and hit Enter key

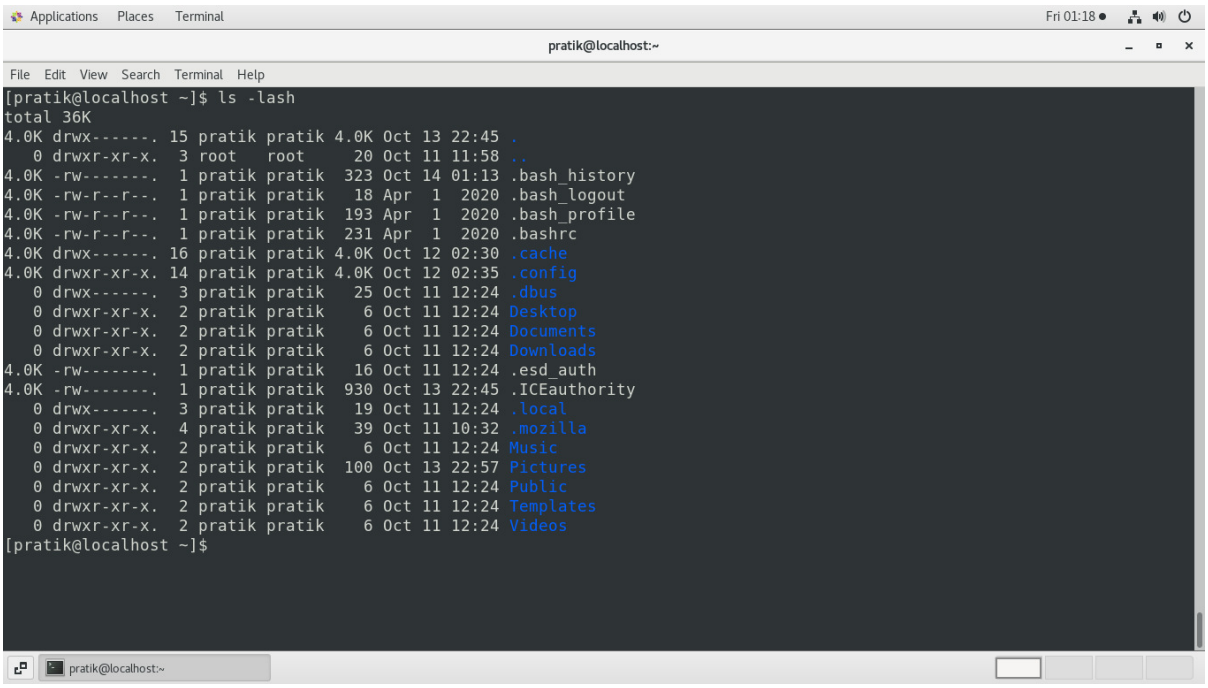
- Now see what different output its shows and take screenshot?



  - Displays all files in list format along with its inode number.
  - inode number is a unique identidfier for a specific piece of metadata on a given filesystem.

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

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

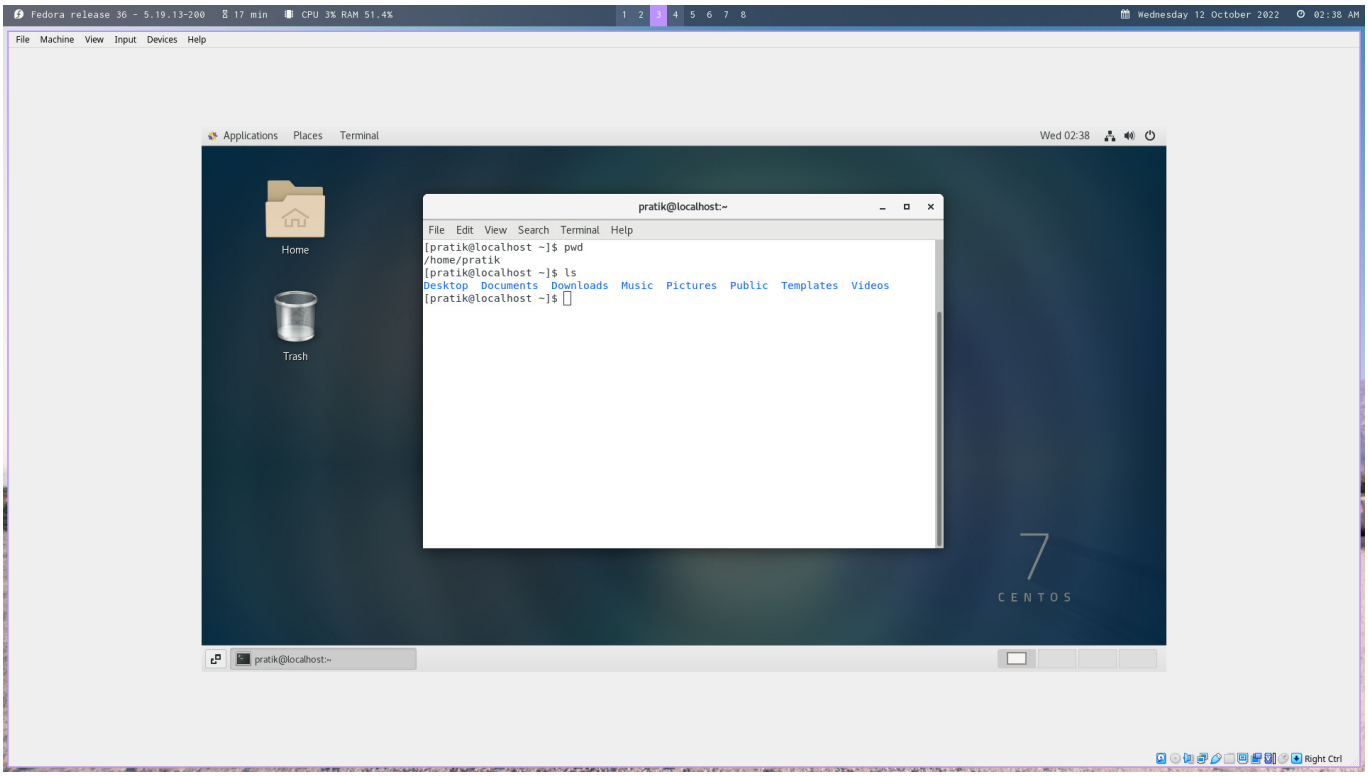


  - ls -s: shows size of each file.
  - ls -h: shows sizes in human readable format

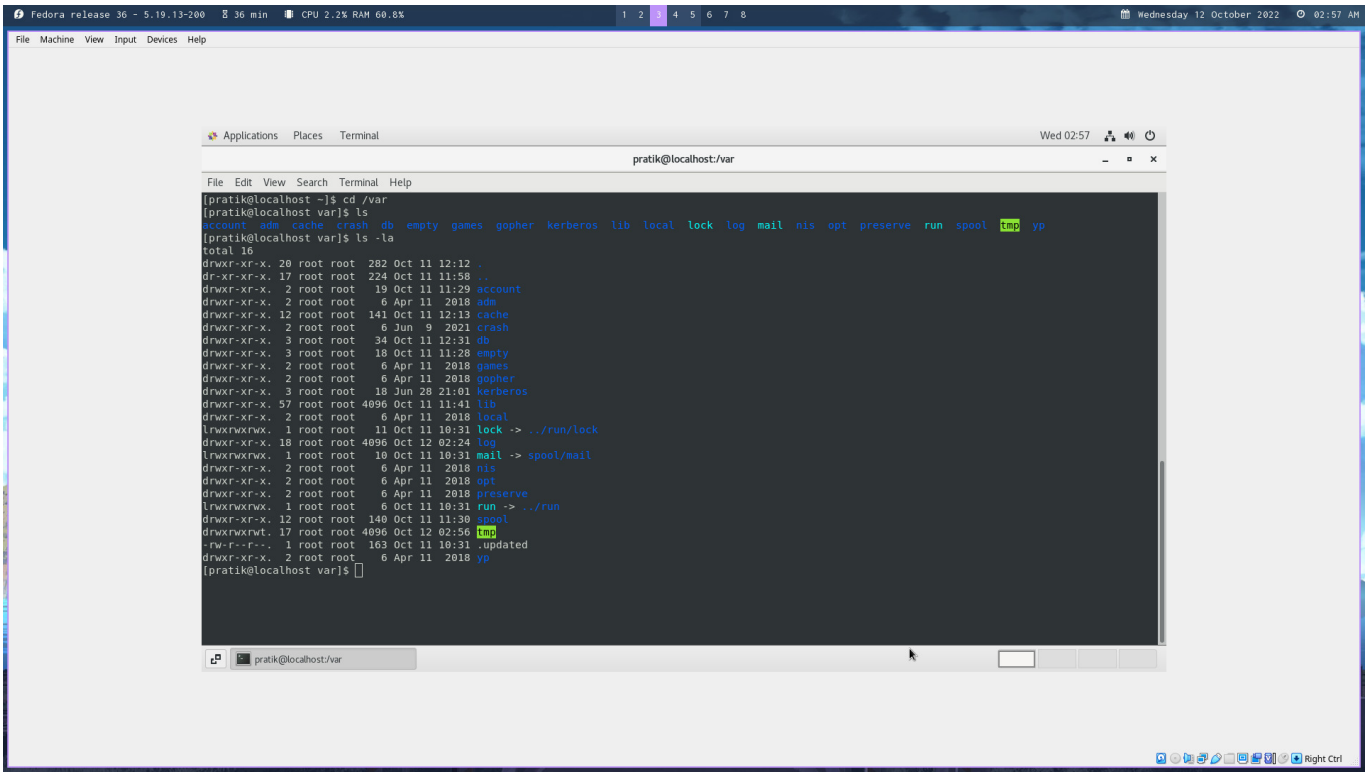
Assignment 5

Know where your are and where you are working.

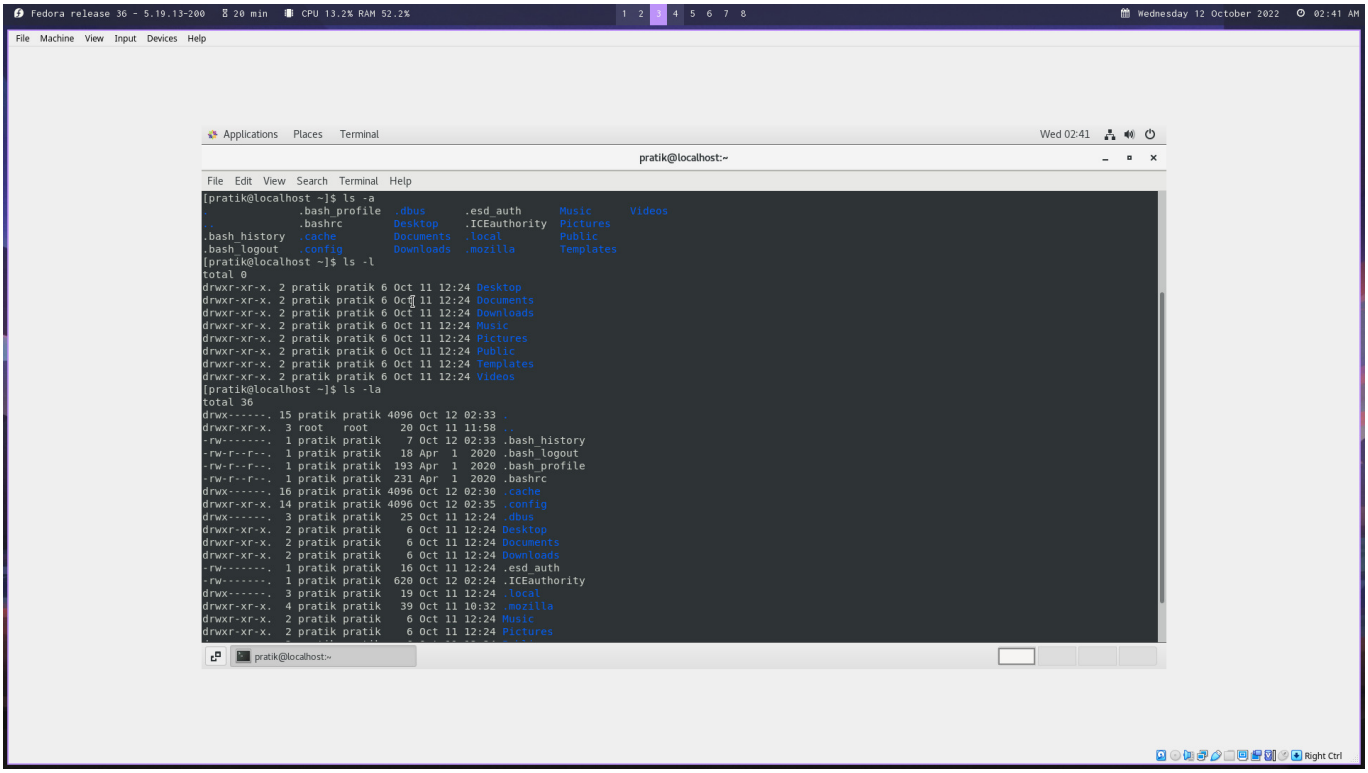
- Here we use commands :
    - *pwd* : to find current/present working directory
    - *cd* : to change directory or go into other folder
    - *ls* : to list files and folders in current directory
- Open terminal after restart the linux.
    - Check which location you working, type pwd and take screenshot.



- Now use cd /var and hit Enter key.
    - Do ls, and see what output comes, give screenshot?



- Do explore other help options of each command to learn more other things we can do with these commands



- Here we use commands:
    - *ls -l* : to list files and folders is list format
    - *ls -a* : to list all files and folders (including hidden files) in current directory
    - *ls -la* : to list all files and folders (including hidden files) is list format

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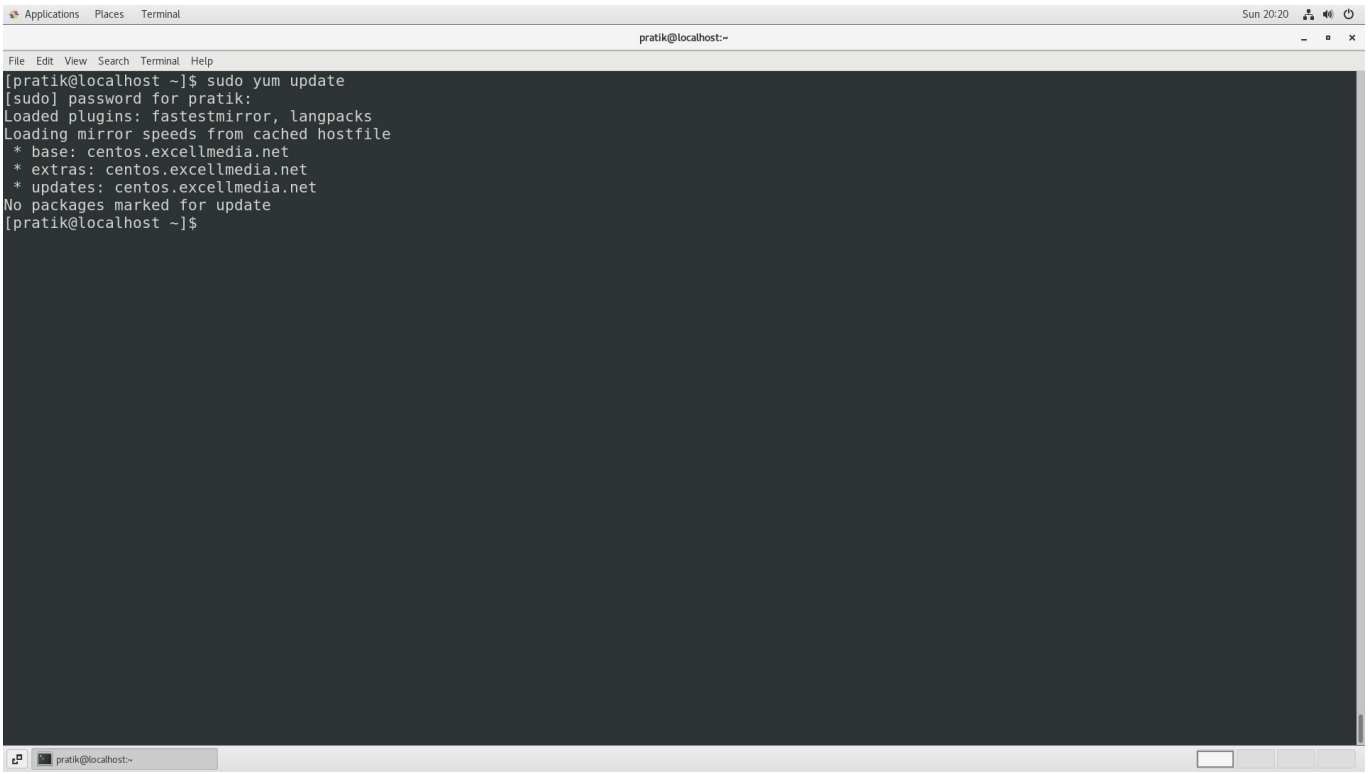
Extra Assignment 1

System was updated using command

```
sudo yum update
```



Extra Assignment 2

Was able to run Virtual machine in fullscreen after installing gcc, kernel-devel-$(uname -r), elfutils-libelf-devel

```
sudo yum install gcc

sudo yum install kernel-devel-$(uname -r)

sudo yum install elfutils-libelf-devel
```

Applications
Places
Terminal
Sun 20:19
Home
Trash
VBox_GAs_6.1.38
pratik@localhost:~
File Edit View Search Terminal Help
[pratik@localhost ~]$
pratik@localhost:~