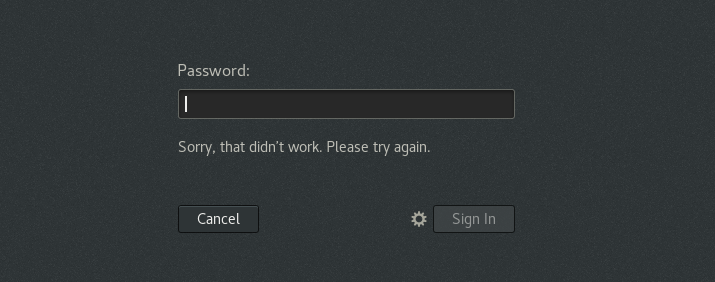
Assignment-1

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?

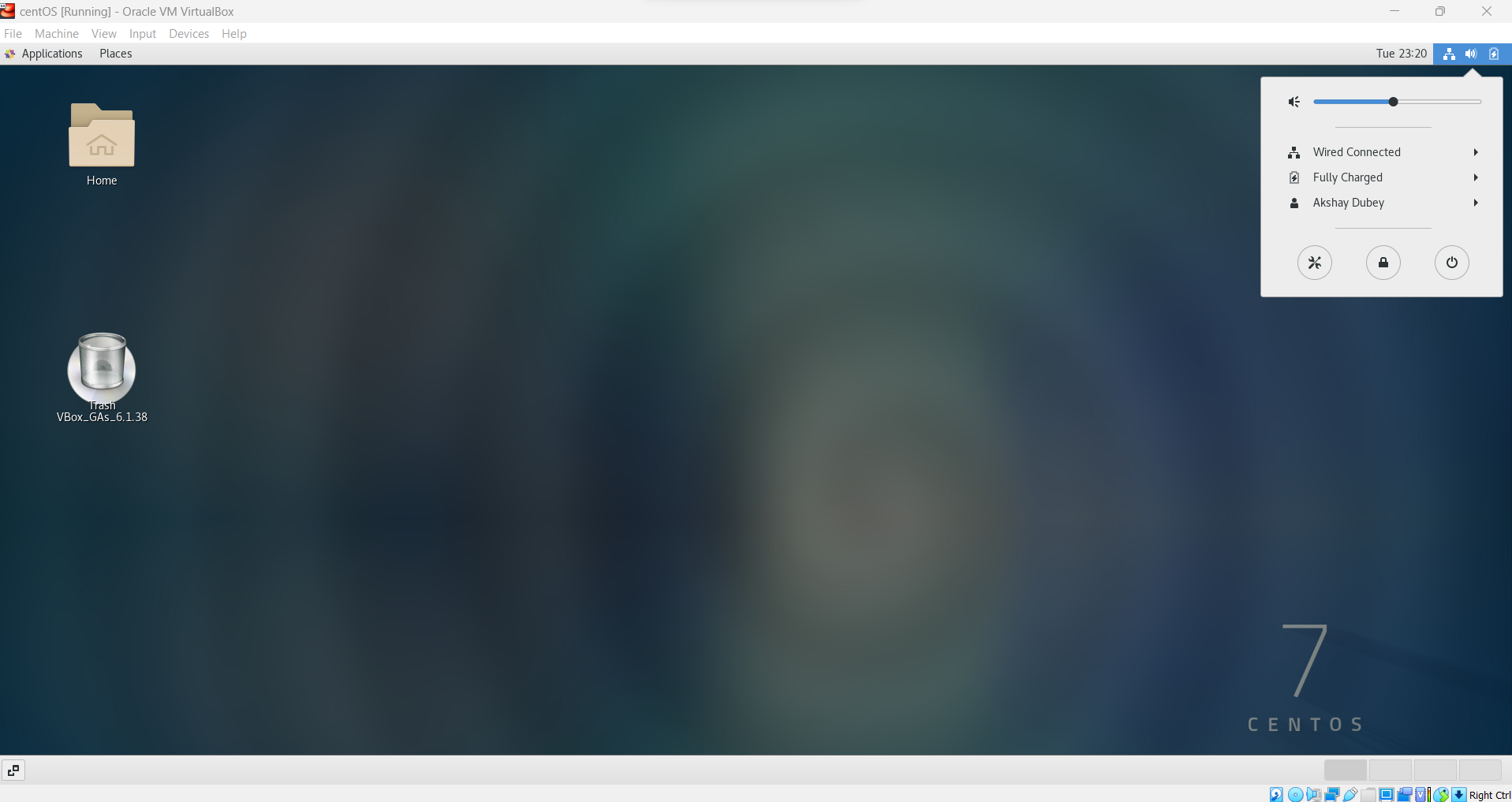
Solution

When I tried to login with the non-existent users, I am getting the message as “Sorry, that didn’t work. Please try again”.



We can login into the system only if we are listed in the system or we are a root user.

On Successful login I am getting the home page as shown below



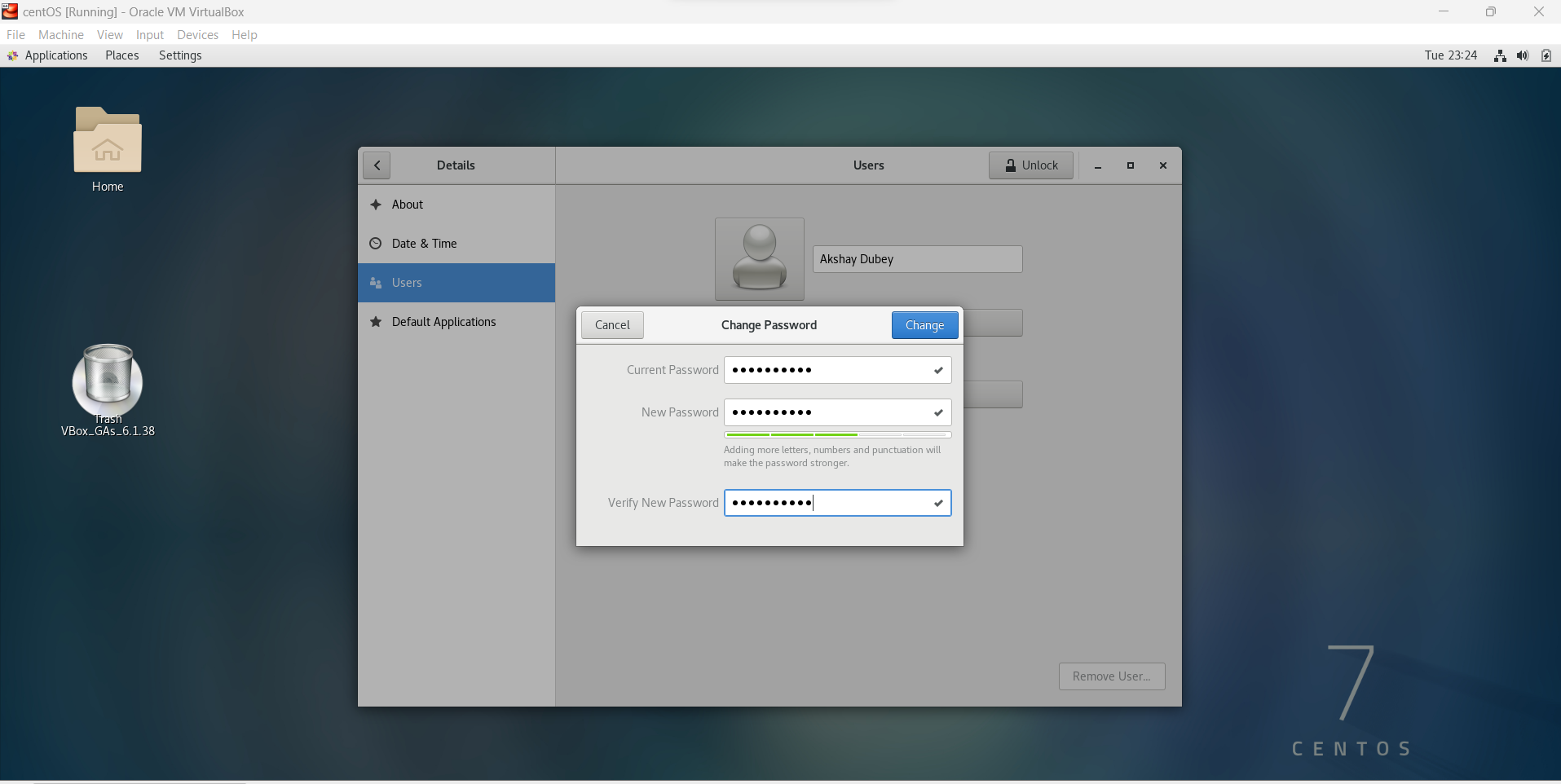
**Assignment-2**

Password changing

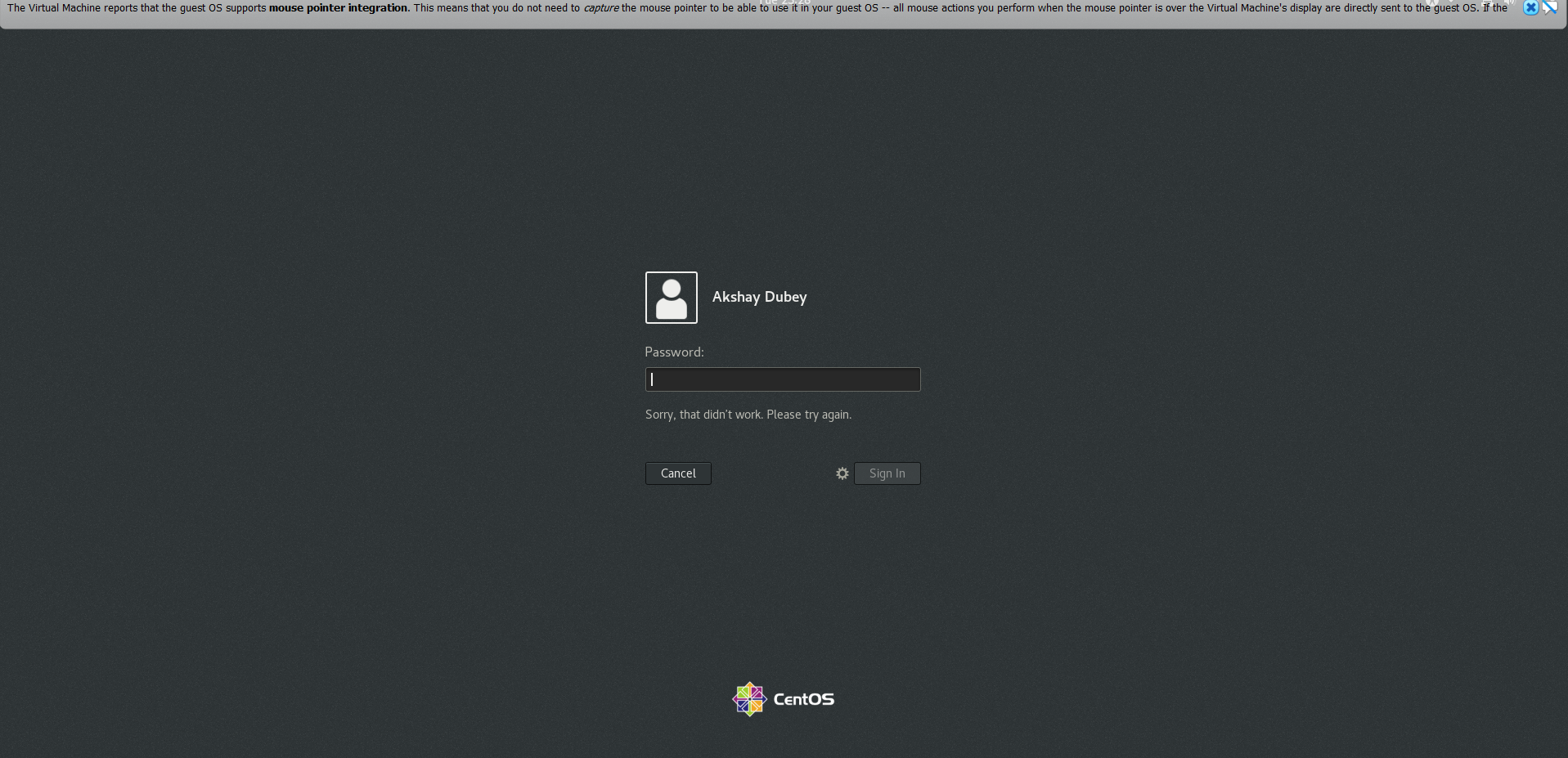
* Login into your account and then change password?
  + Change your password into ***IneuR0n#42*** and hit the **Enter** key
    - Explain what happen and give screenshot?

Solution

On changing the password to **IneuROn#42** password changed successfully.



After that when logging into the system it requires new password for authorization and if I am giving the old password then I am getting the output as shown below with message “Sorry, that didn’t work. Please try again”



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

Solution:

Unable to change the password to 1234 or abcd Graphical user interface

Description automatically generated

Password is not filling the required constraints like length, numbers and punctuation. And hence unable to change the password

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

Solution

Nothing happens

Graphical user interface

Description automatically generated

But If I am clicking the icon, it is creating a default one for me as shown in below image

Graphical user interface

Description automatically generated

**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?**

Solution

Graphical user interface, text, application, email

Description automatically generated

I am getting the content inside the root directory /. Basically, it is showing all the directories available under the hierarchy of /.

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

Solution :

The home directory is used as working area for the users present in the system except for root.

Graphical user interface, application

Description automatically generated

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

Solution

Graphical user interface, text, application

Description automatically generated

It is used to go one directory back from present working directory

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

**Solution:**

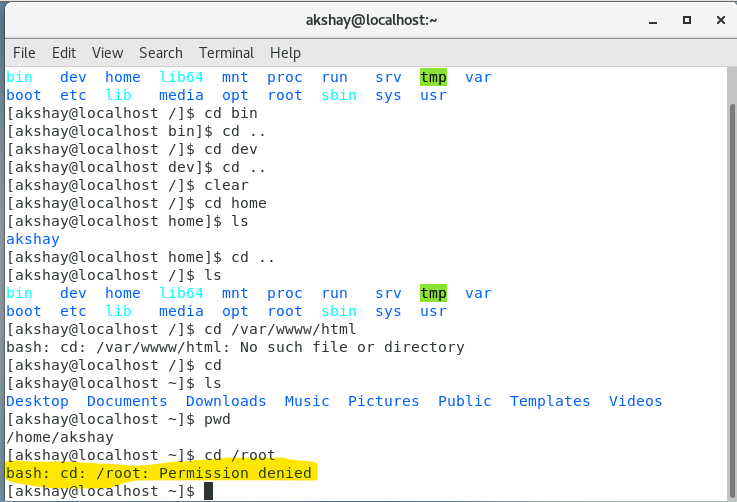
**Graphical user interface, text, application, email

Description automatically generated**

On typing cd /var/www/html – I am getting No such file or directory found but when I do cd and then enter it basically takes me to /home/akshay directory.

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

Solution:



Getting Permission Denied.

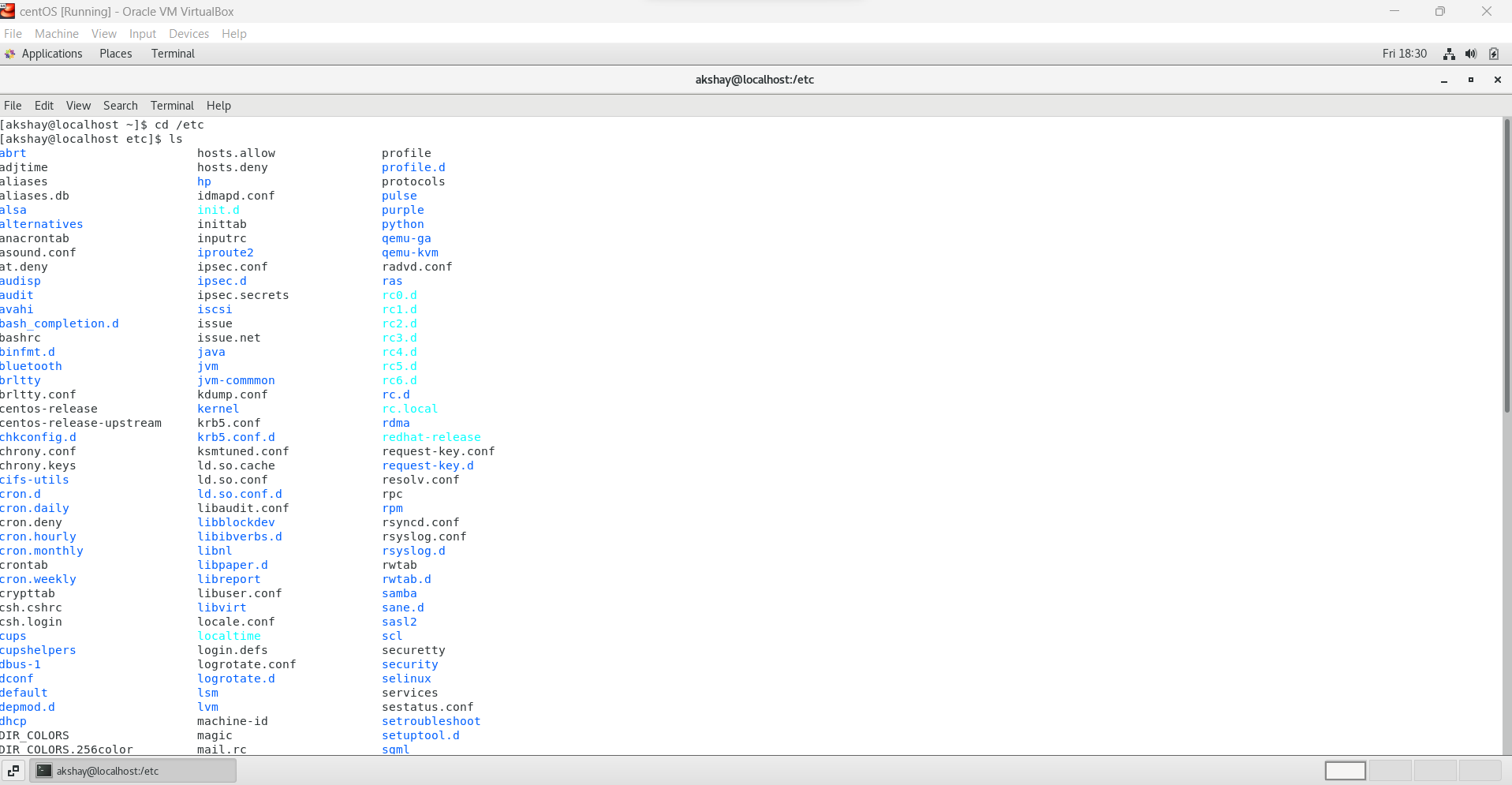
**Assignment-4**

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?**

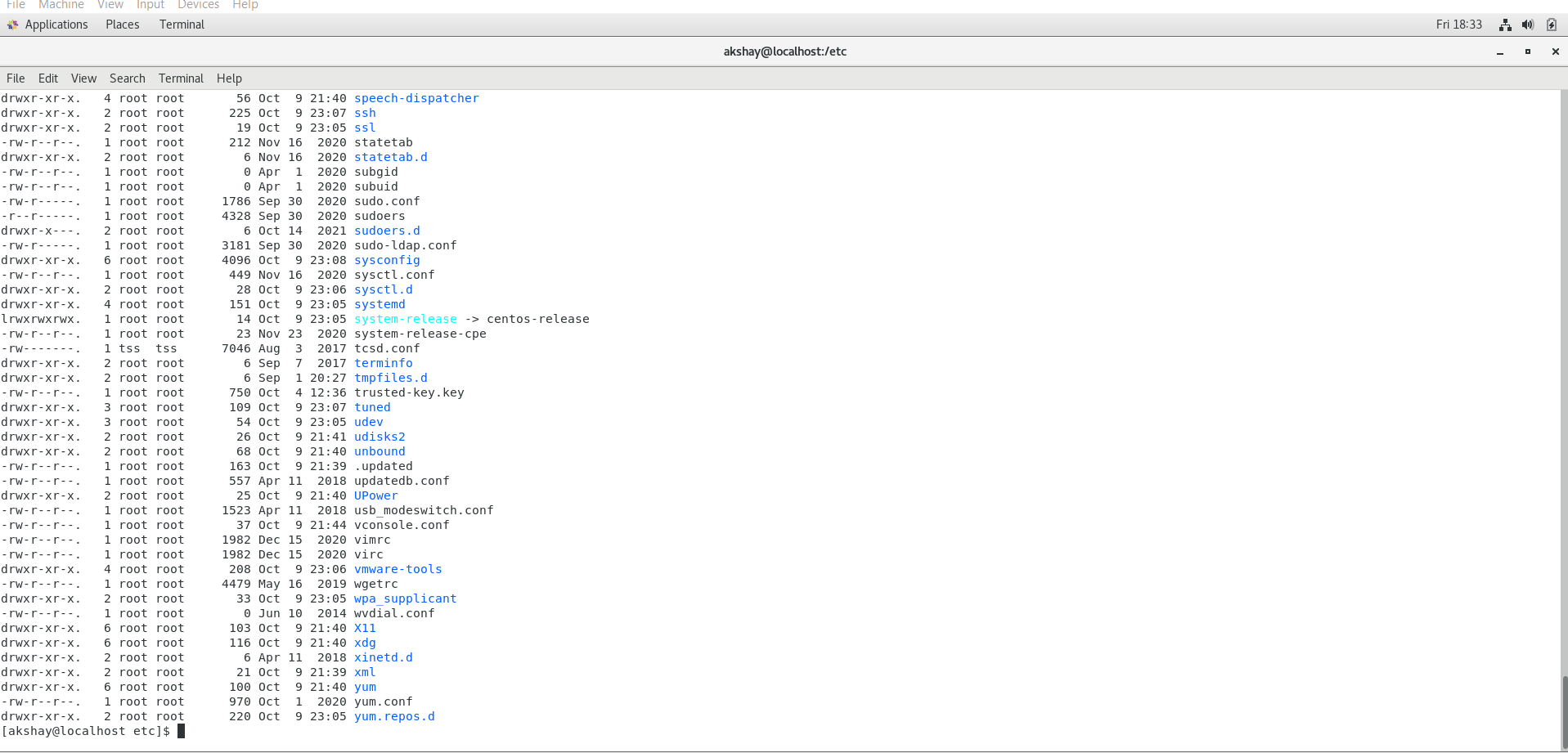
Solution :

Getting the information related to system configuration.



Seeing many lists of files and directories

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

****

Getting the data back this time with more details like (file permission etc.)

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

Solution:

Graphical user interface, application, table

Description automatically generated

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

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

Solution :

Graphical user interface, text, application

Description automatically generated

**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.*

* **Open terminal after restart the linux**
  + **Check which location you working, type pwd and take screenshot**

Solution

Graphical user interface, application

Description automatically generated

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

Solution

Graphical user interface, text, application, email

Description automatically generated

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

Solution

ls -l // shows the file in long format

ls -a//shows hidden file as well

ls -la // shows files in long format as well as hidden files in the same way

ls -R //lists file Recursively

ls /etc //list the file in specified directory (here in etc directory)