

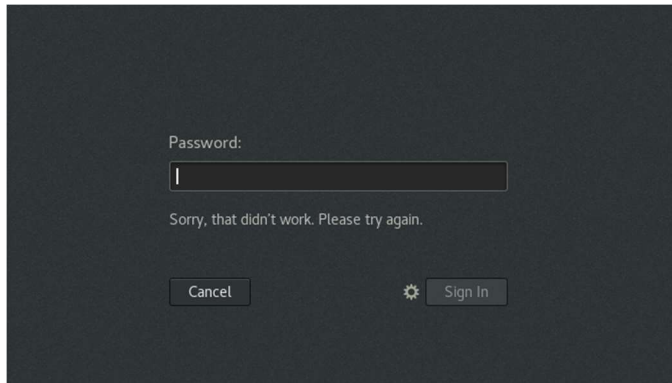
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Assignment-1

Connect and disconnect with login Access

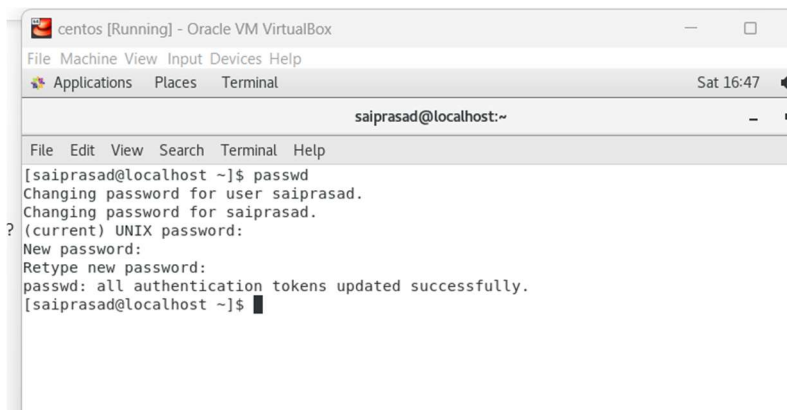
When tried to login as a non existing user, we are not allowed to login.



Assignment-2

Password changing

Password successfully changes to IneuR0n#42.



When password is changed to a 12345678, it is not considering as it is getting failed in dictionary check

```

[saiprasad@localhost ~]$ passwd
Changing password for user saiprasad.
Changing password for saiprasad.
(current) UNIX password:
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
[saiprasad@localhost ~]$ passwd
Changing password for user saiprasad.
Changing password for saiprasad.
(current) UNIX password:
New password:
BAD PASSWORD: The password fails the dictionary check - it is too simplistic/systematic
New password: █

```

When clicked on enter without giving password , it is getting failed.

```

[saiprasad@localhost ~]$ passwd
Changing password for user saiprasad.
Changing password for saiprasad.
(current) UNIX password:
New password:
BAD PASSWORD: No password supplied
New password: █

```

Assignment-3

Working with Directories

Cd command is used to change the directory but as we have no mentioned any directory the ls command which shows all content inside a directory is showing content in the computer

```

centos [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Applications Places Terminal

saiprasad@localhost:/

File Edit View Search Terminal Help
[saiprasad@localhost /]$ cd /
[saiprasad@localhost /]$ ls
bin  dev  home  lib64  mnt  proc  run  srv  tmp  var
boot  etc  lib  media  opt  root  sbin  sys  usr
[saiprasad@localhost /]$ █

```

With command cd /home we have entered home directory and using ls shows files and directories in home directory

```

root etc lib media opt root run s
[saiprasad@localhost /]$ cd /home
[saiprasad@localhost home]$ ls
saiprasad
[saiprasad@localhost home]$

```

Cd .. command is used for move up one level of directory tree.

```

-----
[saiprasad@localhost home]$ cd ..
[saiprasad@localhost /]$ █

```

cd /var/www/html cannot be executed since var directory is not present.

```

-----
[saiprasad@localhost /]$ cd /var/www/html
bash: cd: /var/www/html: No such file or directory
[saiprasad@localhost /]$ cd
[saiprasad@localhost ~]$ █

```

```

-----
[saiprasad@localhost ~]$ cd /root
bash: cd: /root: Permission denied
[saiprasad@localhost ~]$ ls
Desktop Documents Downloads Music Pictures Public Templates Videos
[saiprasad@localhost ~]$ █

```

Assignment-4

Working with File Listing

With command cd /etc we have entered etc directory and using ls command gives files inside etc directory

```

saiprasad@localhost /]$ cd /etc
saiprasad@localhost etc]$ ls
brt                hosts.deny          protocols
djtime             hp                  pulse
liases             idmapd.conf         purple
liases.db          init.d              python
lsa                inittab             qemu-ga
lternatives        inputrc             qemu-kvm
nacrontab          iproute2            radvd.conf
sound.conf         ipsec.conf          ras
t.deny             ipsec.d             rc0.d
udisp              ipsec.secrets       rc1.d
udit               iscsi               rc2.d
vahi               issue               rc3.d

```

Ls -al command gives all the permissions that files in that directory has

```

osts.allow                                profile.d
saiprasad@localhost etc]$ ls -al
total 1372
lrwxr-xr-x. 139 root root      8192 Nov 19 16:55 .
lr-xr-xr-x. 17 root root      224 Nov 17 23:38 ..
lrwxr-xr-x. 3 root root       101 Nov 17 23:29 abrt
rw-r--r--. 1 root root        16 Nov 17 23:38 adjtime
rw-r--r--. 1 root root     1529 Apr 1 2020 aliases
rw-r--r--. 1 root root    12288 Nov 17 23:40 aliases.db
lrwxr-xr-x. 3 root root        65 Nov 17 23:31 alsa
lrwxr-xr-x. 2 root root     4096 Nov 18 09:00 alternatives
rw-----. 1 root root        541 Jan 13 2022 anacrontab
rw-r--r--. 1 root root        55 Aug 8 2019 asound.conf
rw-r--r--. 1 root root         1 May 18 2022 at.denv

```

Ls -l is used to show the files list in long list format

```

[saiprasad@localhost etc]$ ls -li
34524216 abrt                2743590 mcelog
17345286 adjtime            17173065 mke2fs.conf
16777386 aliases            17277137 modprobe.d
18058920 aliases.db         1024200 modules-load.d
1478866 alsa                16777400 motd
33595954 alternatives        16777284 mtab
17456603 anacrontab          16919865 mtools.conf
17170511 asound.conf          17612465 multipath
17526828 at.deny              17253200 my.cnf
51041622 audit                17253201 my.cnf.d
17520949 audit                18062080 nanorc

```

```

[saiprasad@localhost /]$ ls --help
Usage: ls [OPTION]... [FILE]...
List information about the FILES (the current directory by default).
Sort entries alphabetically if none of -cftuvSUX nor --sort is specified.

Mandatory arguments to long options are mandatory for short options too.
-a, --all                        do not ignore entries starting with .
-A, --almost-all                do not list implied . and ..
--author                        with -l, print the author of each file
-b, --escape                     print C-style escapes for nongraphic characters
--block-size=SIZE                scale sizes by SIZE before printing them; e.g.,
                                '--block-size=M' prints sizes in units of
                                1,048,576 bytes; see SIZE format below
-B, --ignore-backups             do not list implied entries ending with ~
-c                               with -lt: sort by, and show, ctime (time of last
                                modification of file status information);
                                with -l: show ctime and sort by name;
                                otherwise: sort by ctime, newest first
-C                               list entries by columns
--color[=WHEN]                  colorize the output; WHEN can be 'never', 'auto',
                                or 'always' (the default); more info below
-d, --directory                 list directories themselves, not their contents
-D, --dired                     generate output designed for Emacs' dired mode
-f                               do not sort; enable -aU, disable -ls --color
-F, --classify                  append indicator (one of */=>@|) to entries

```

Assignment-5

Know where you are and where you working

```
Applications  Places  Terminal  500 172.17.0.1
saiprasad@localhost:/var
File Edit View Search Terminal Help
saiprasad@localhost /]$ pwd

saiprasad@localhost /]$ cd /car
ash: cd: /car: No such file or directory
saiprasad@localhost /]$ cd /var
saiprasad@localhost var]$ ls
ccount  cache  db      games  kerberos  local  log  nis  preserve  spool  yp
dm      crash  empty  gopher  lib      lock  mail  opt  run      tmp
saiprasad@localhost var]$
```