Assignments:07

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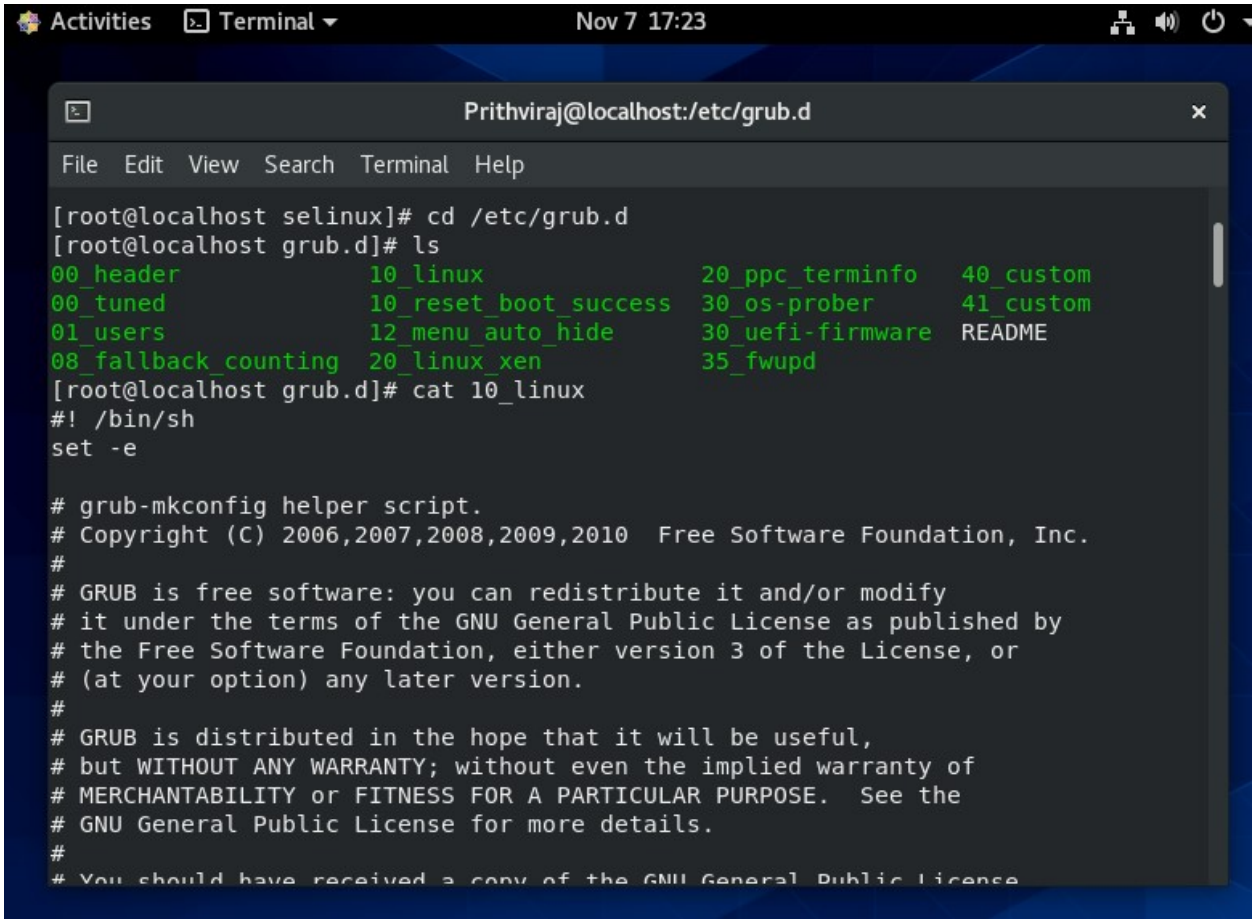
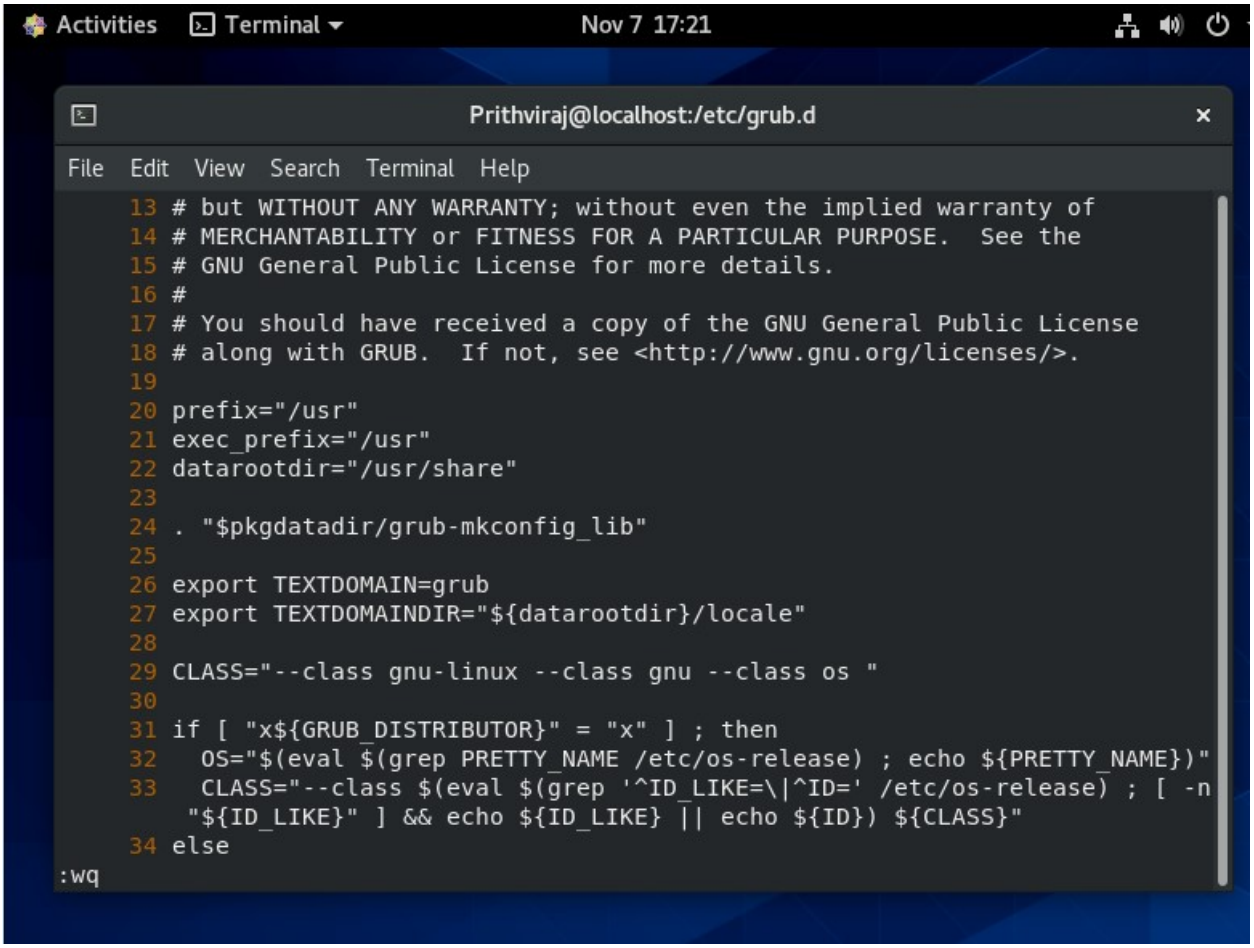
Lab Assignment :-

1.Set the password in GRUB

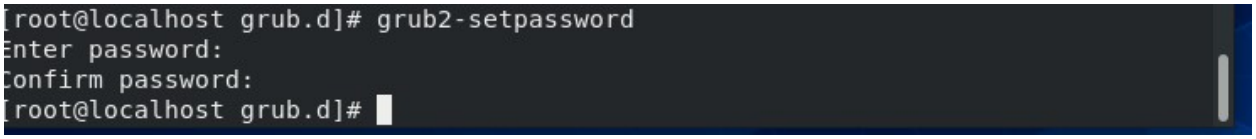
Step-1:- Go to vi Editor
Cmd:- # vi /etc/grub.d/10_Linux
—->Go to Line no.29 and
“remove – – unrestricted “
Then save it





Step-2:- Now Set Grub password

Cmd:- # grub-setpassword



Step-3:- Password where saved

Cmd:- # cat /boot/grub2/user.cfg

```
[root@localhost grub.d]# cat /boot/grub2/user.cfg
GRUB2_PASSWORD=grub.pbkdf2.sha512.10000.070D717E641254ABF093A80922D79057495B3A34
F85A18BE69F734BE35789B6AA50ECDCDA0B655BF05FA034114439BBE1368DBE65A827A81DA2FD0D4
819FE2A1.CE9E563837A70F71AAC17C837F56D63ABCEDD6A5934736A2D44CD806260E00855E60D85
F8EF099F71C1B44828DACA067033295B0394C4CFB3B2A0FEAFF90AC59
[root@localhost grub.d]#
```

Step-4:- Regenerate the grub.cfg file after set the password

Cmd:- #cd /boot/grub2/

#ls

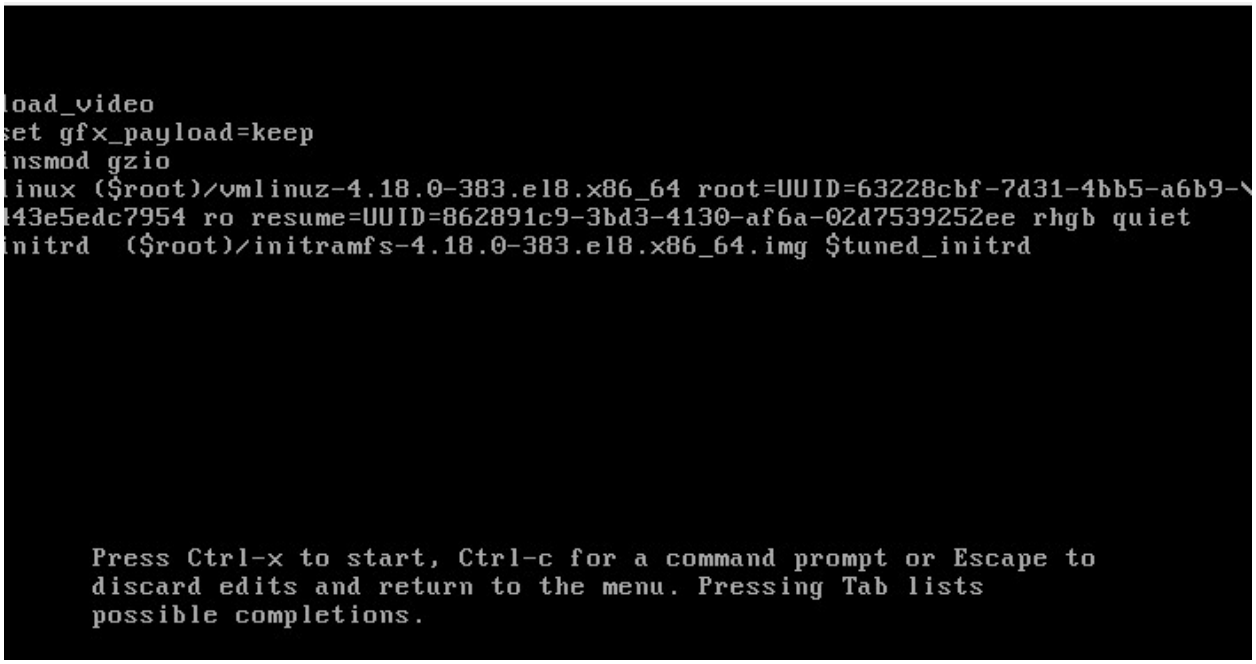
#grub2-mkconfig-0 /boot/grub2/grub.cfg

Then Reboot

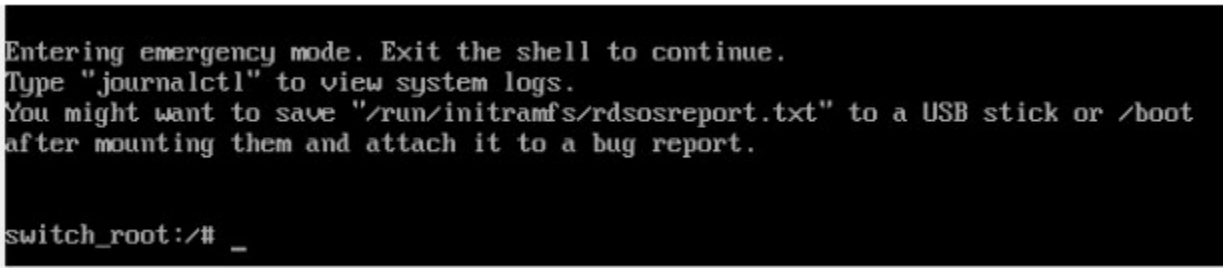
```
[root@localhost grub.d]# cd /boot/grub2/
[root@localhost grub2]# ls
device.map  fonts  grub.cfg  grubenv  i386-pc  user.cfg
[root@localhost grub2]#
```

```
[root@localhost grub2]# grub2-mkconfig -o /boot/grub2/grub.cfg
Generating grub configuration file ...
/etc/grub.d/10_linux: line 1: et!: command not found
done
[root@localhost grub2]#
```

```
Enter username:
root
Enter password:
```



Step-5:- And then boot our machine with these new parameter by pressing “ctrl+x .After booting it goes into single user mode by default we enter into the root use password



Step-6:- root file system mounted on sysroot so that it have read only permission so we need to mount in read and write mode

Cmd:-#mount -o remount,rw /sysroot

#mount |grep sysroot

To changes in the file “chrooting”

##chroot /sysroot

```
Entering emergency mode. Exit the shell to continue.
Type "journalctl" to view system logs.
You might want to save "/run/initramfs/rdsosreport.txt" to a USB stick or /boot
after mounting them and attach it to a bug report.


switch_root:/# mount -o remount,rw /sysroot
```

```
switch_root:/# mount -o remount,rw /sysroot
switch_root:/# mount |grep sysroot
/dev/mapper/cs-root on /sysroot type xfs (rw,relatime,attr2,inode64,logbufs=8,logbsize=32k,noquota)
switch_root:/# chroot /sysroot
sh-4.4# _
```

```
sh-4.4# passwd
Changing password for user root.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
sh-4.4# _
```

Step-7:- SELinux relabeling before rebooting Reset SELinux context Cmd:-#touch /.autorelabel

Then Rebooting

```
sh-4.4# passwd
Changing password for user root.
New password:
Retype new password:
passwd: all authentication tokens updated successfully.
sh-4.4# touch /.autorelabel
sh-4.4# _
```