

## Dual boot

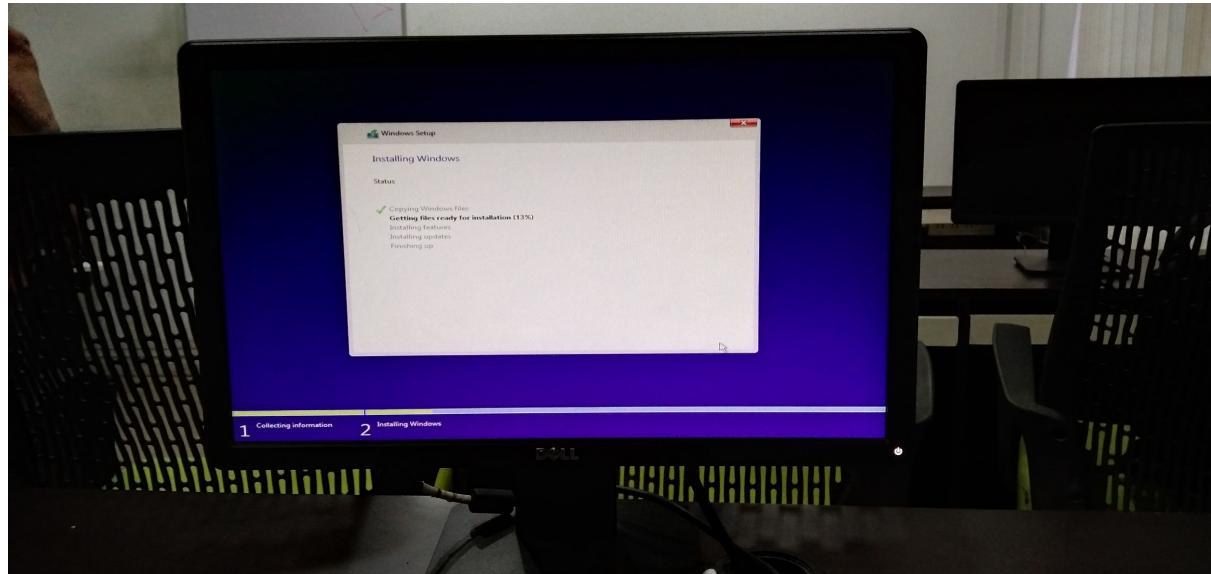
### 1.Windows

For the installation of windows first we need to bootable device ( windows os) ,restart the system and enter bios and select the boot device where the os have been saved.



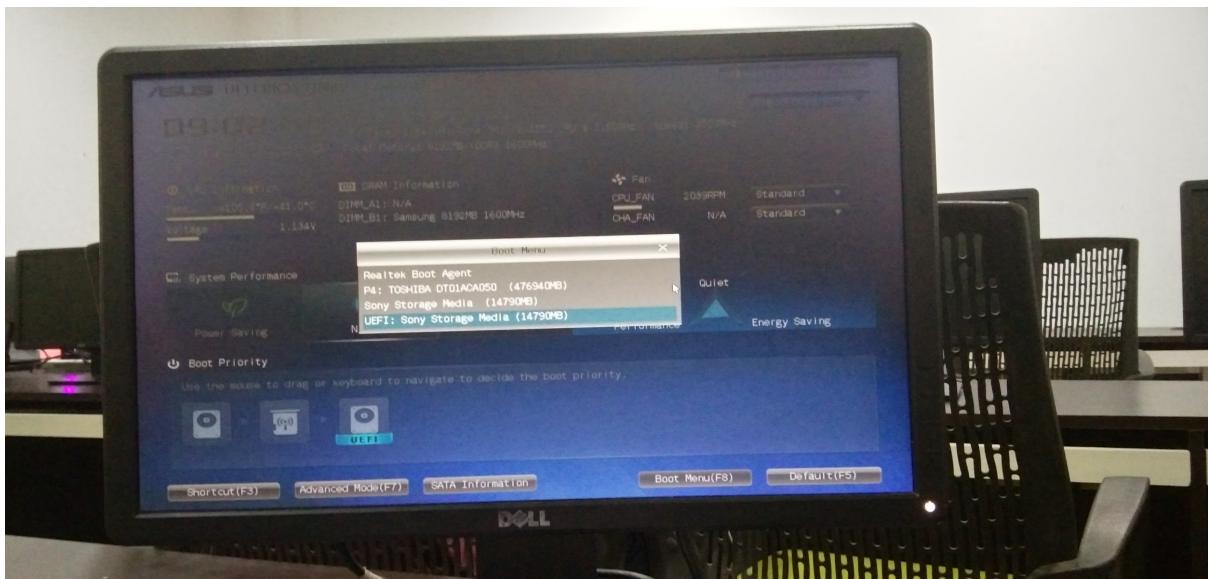
Select device and press "enter"

Select install for installing window

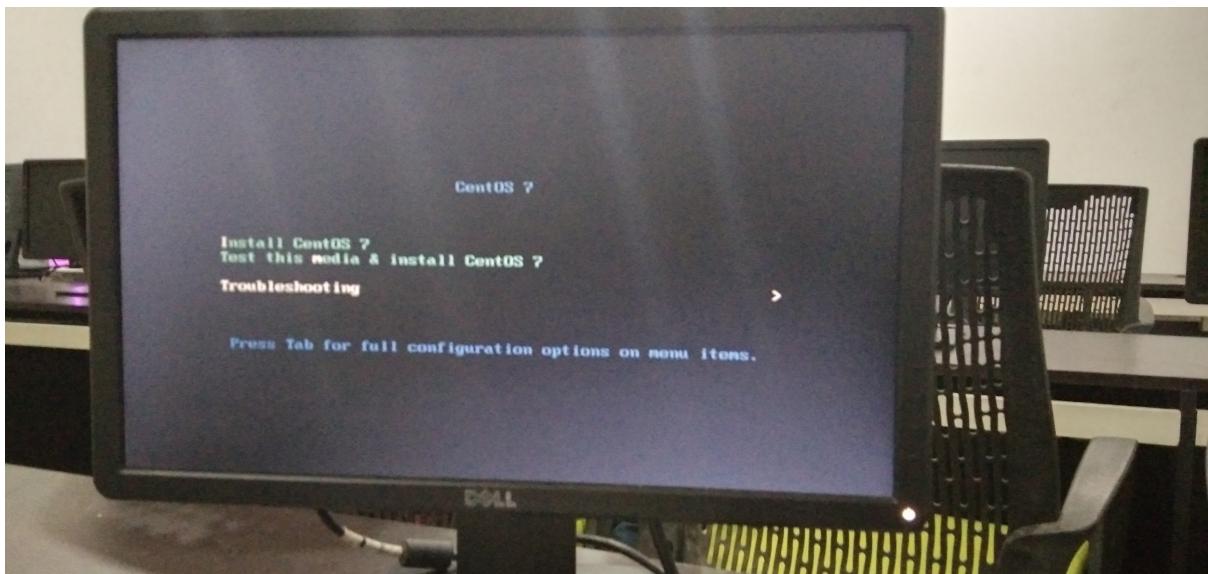


### 2.Centos (minimal mode)

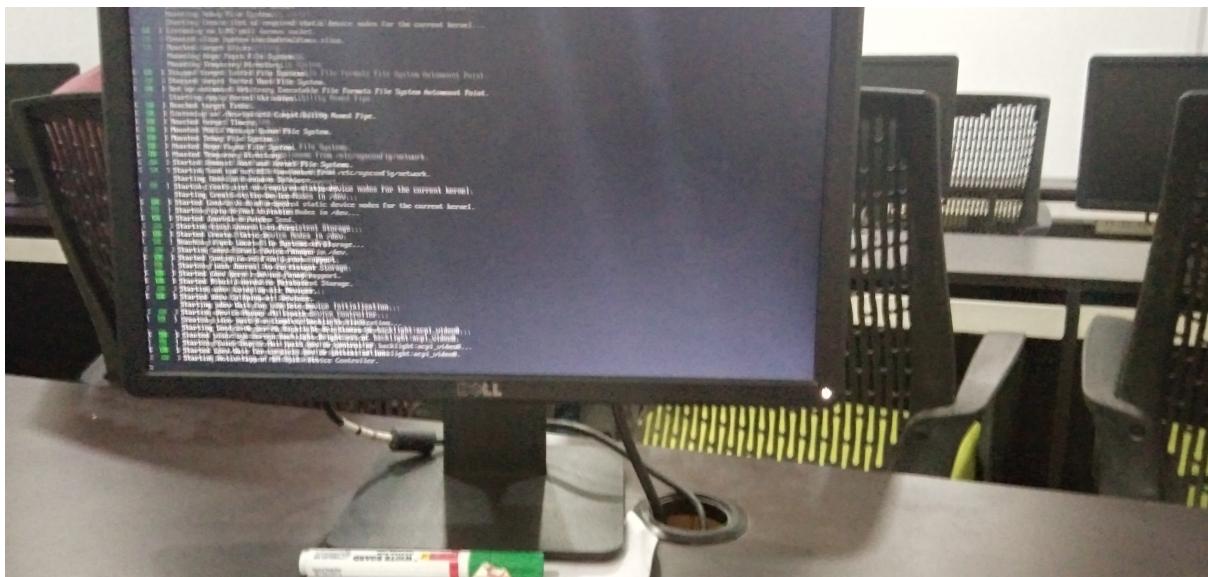
For the installation of centos we need to bootable device (Centos) ,restart the system and enter bios and select the boot device where the os have been saved



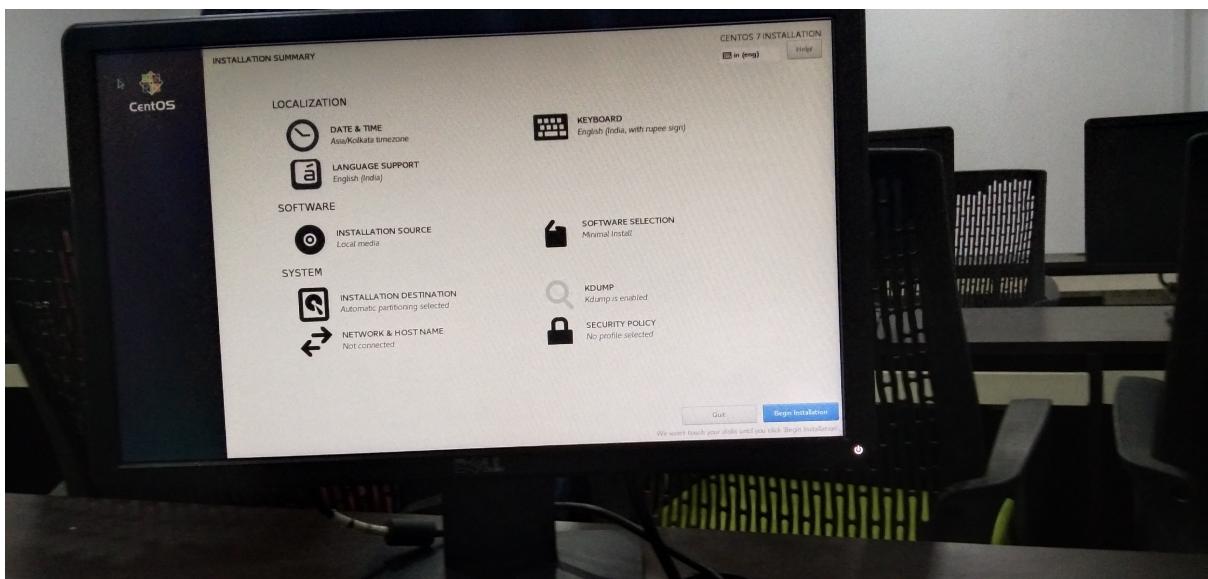
Select boot device.



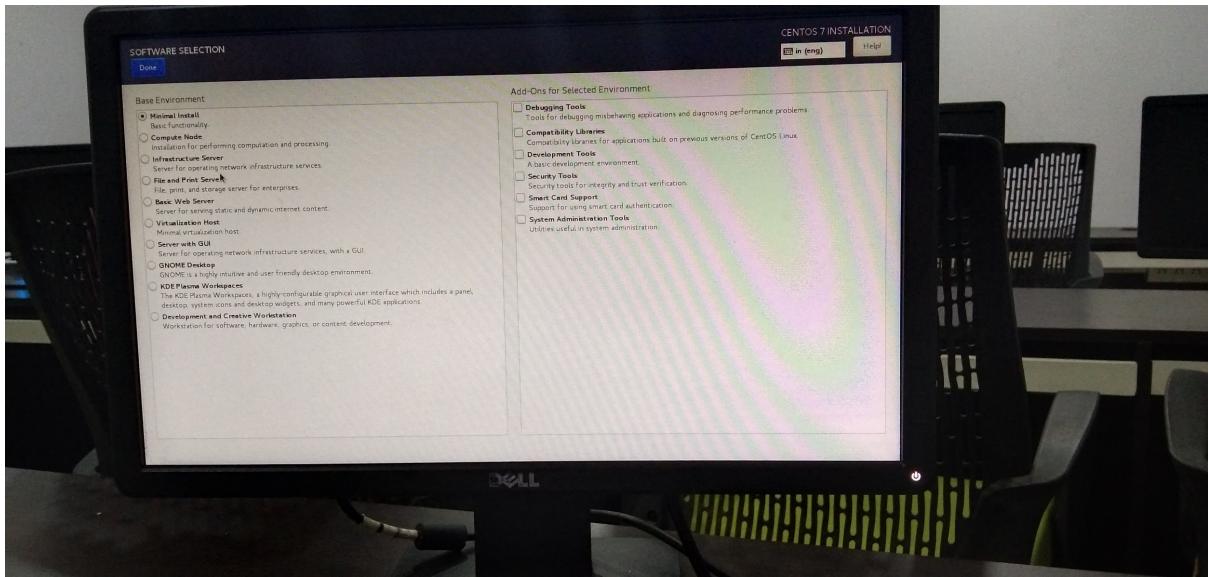
Use 'Tab' for configuration.



Installation menu will occur.

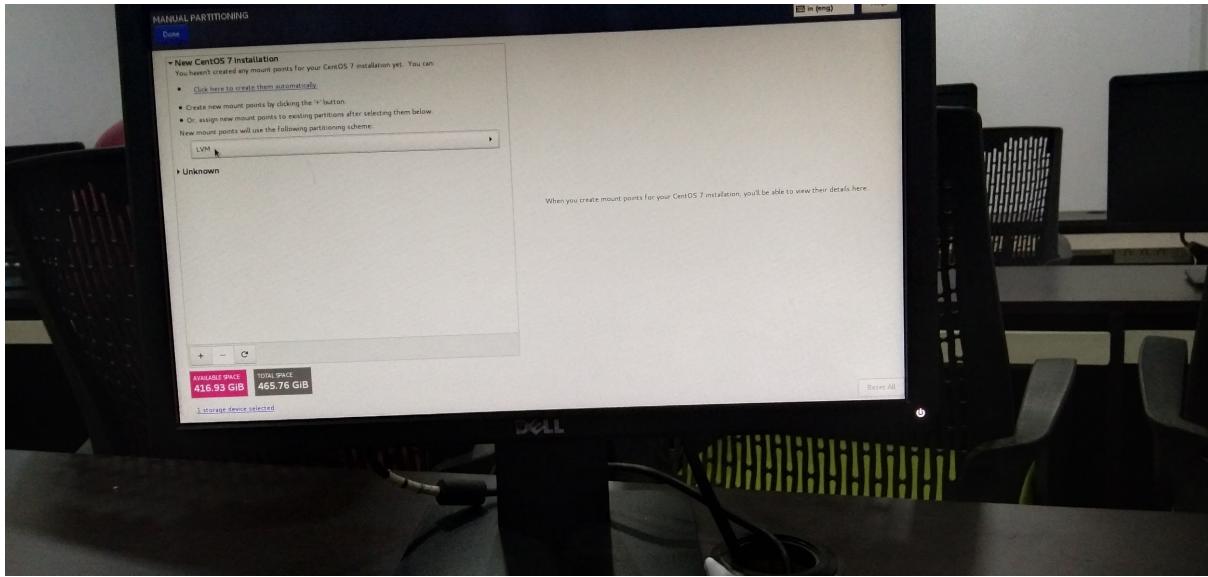


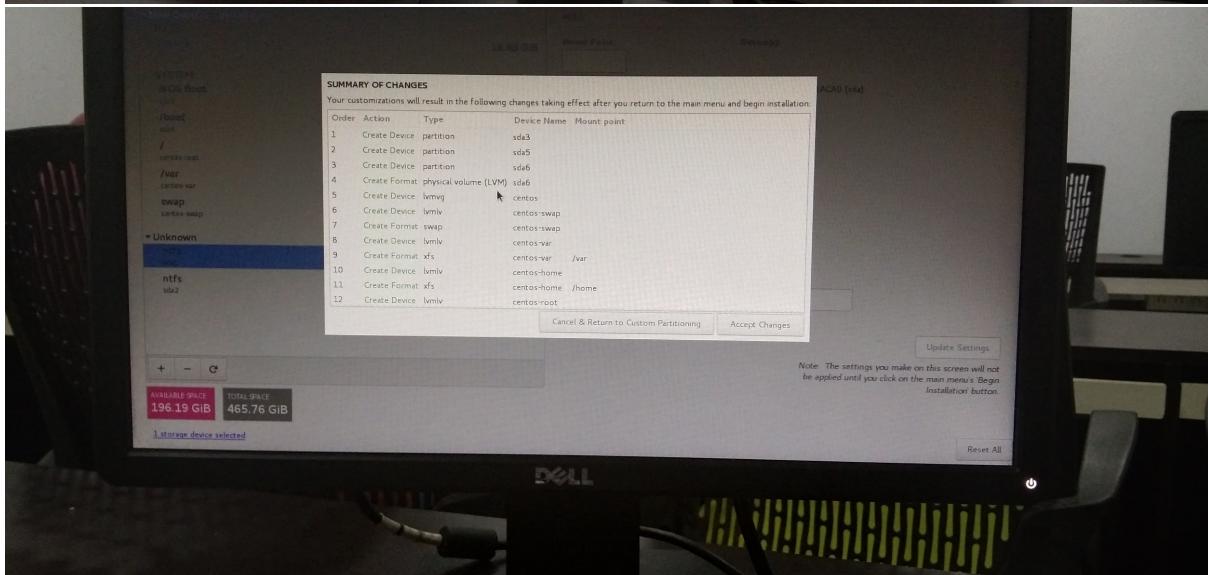
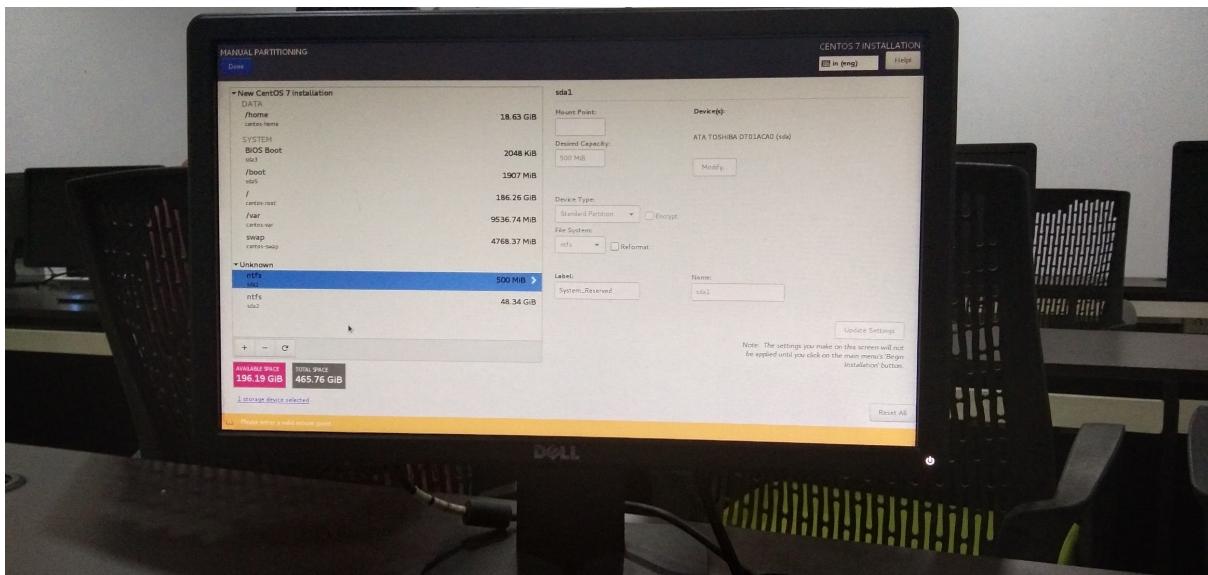
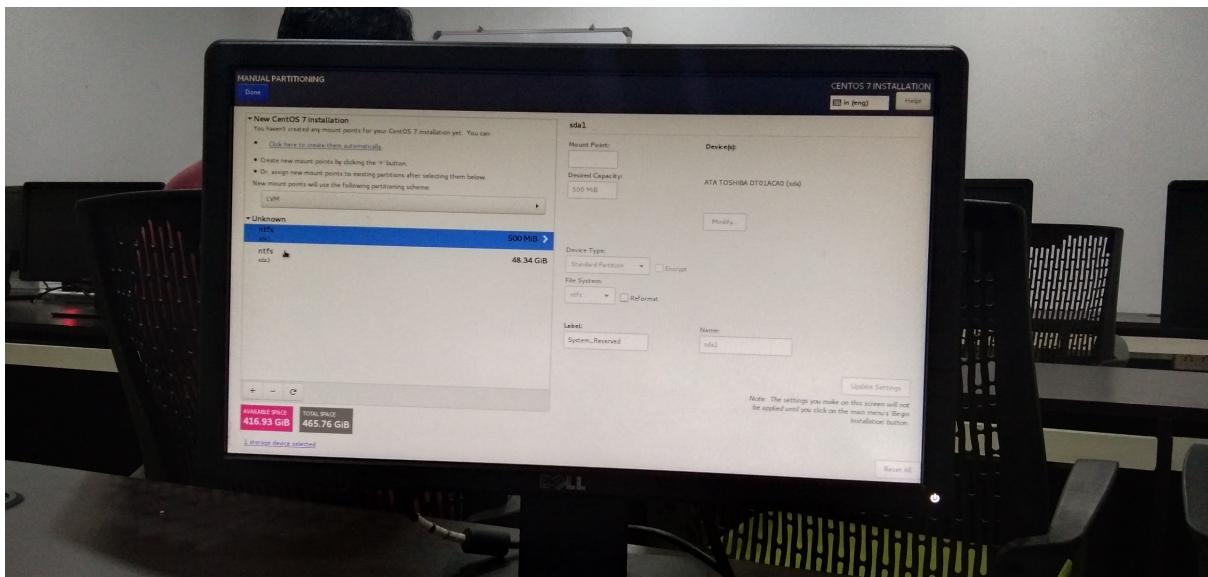
Installation of the centos is in the minimal mode.



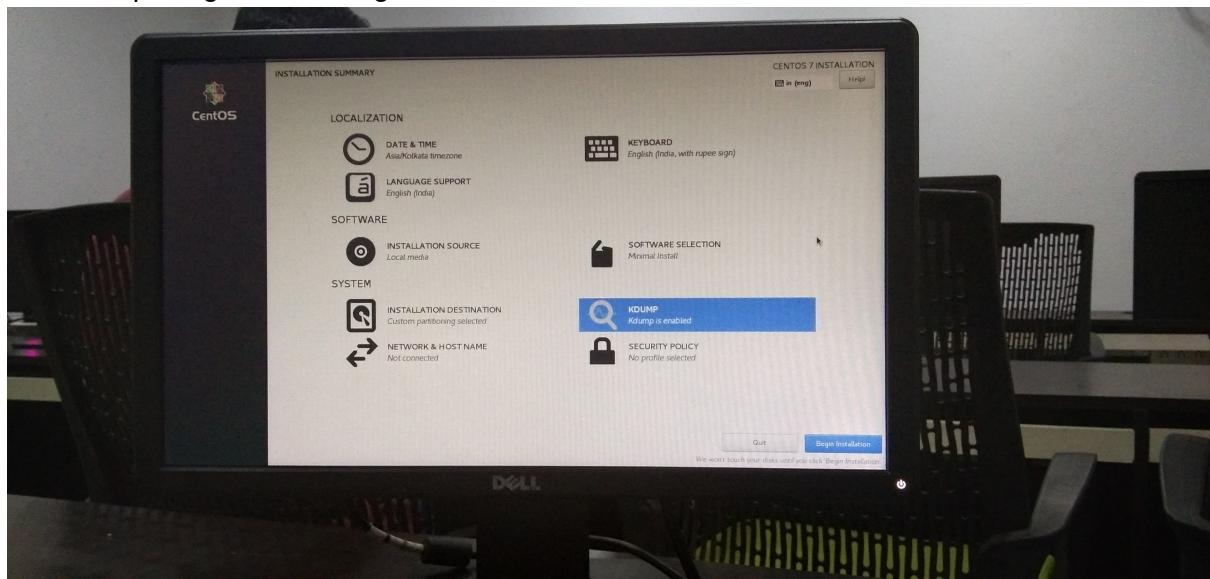
## Partition

Partition is taken in the lvm and formated in the ext4 format





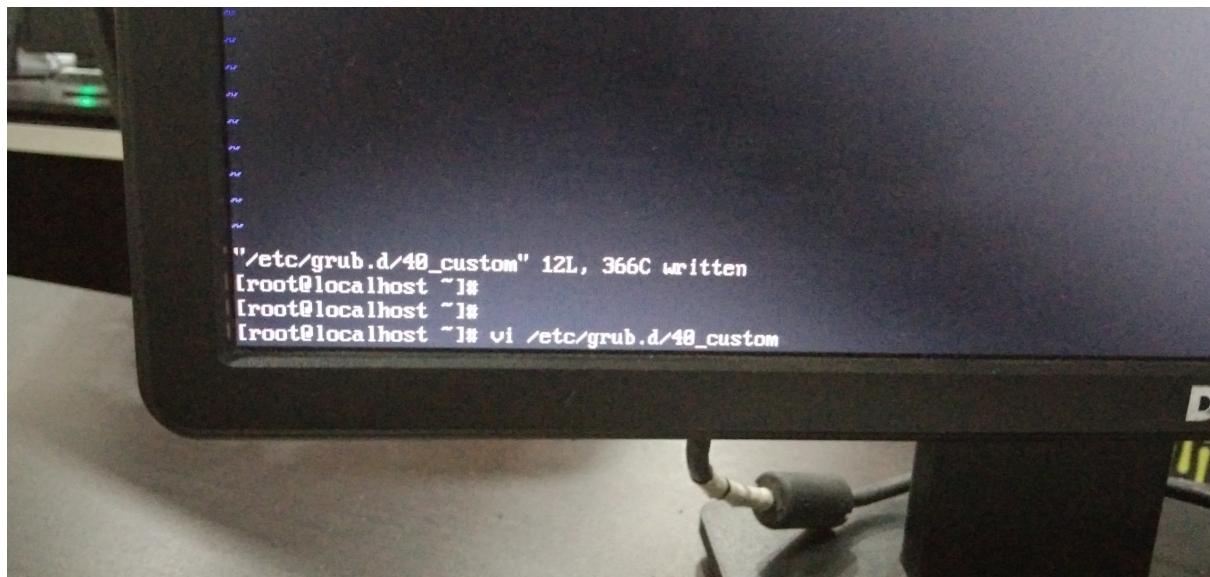
After completing it select 'begin installation'.



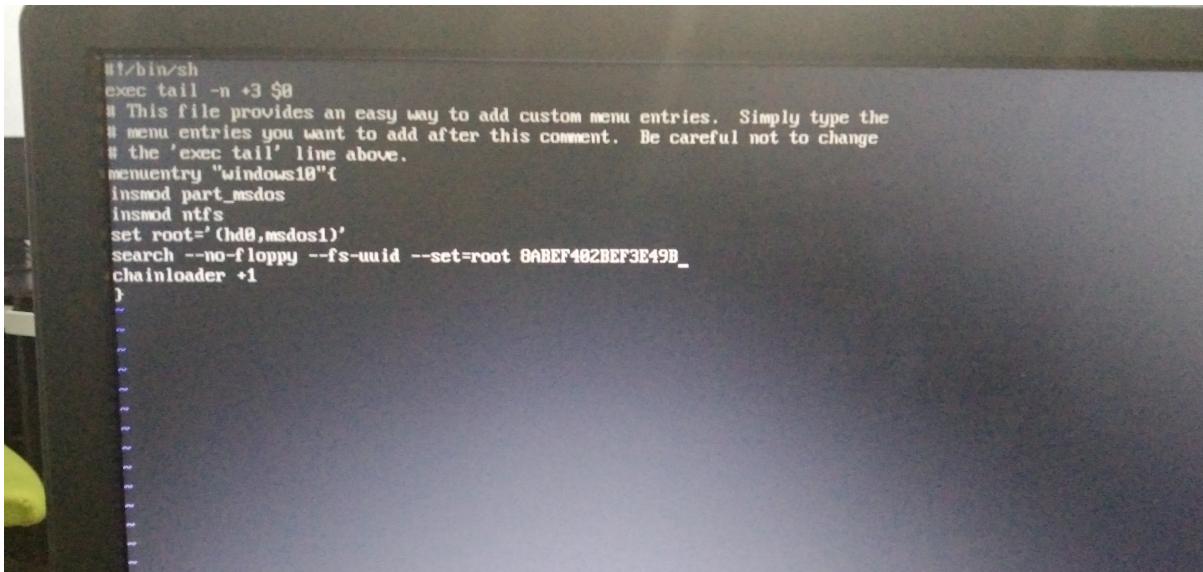
After installation reboot

In the next reboot in the boot menu interface the window will not be their in the option (automatical centos is taken).

So for that dual mode, one configuration file is being edited in centos "vi /etc/grub.d/40\_custom"

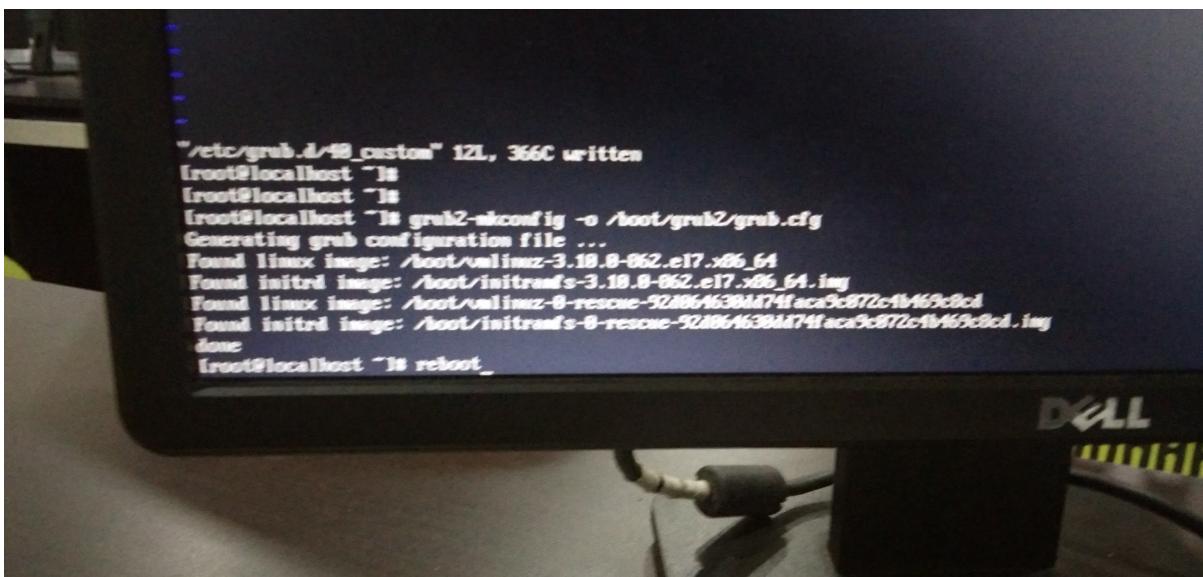


Contents are added .



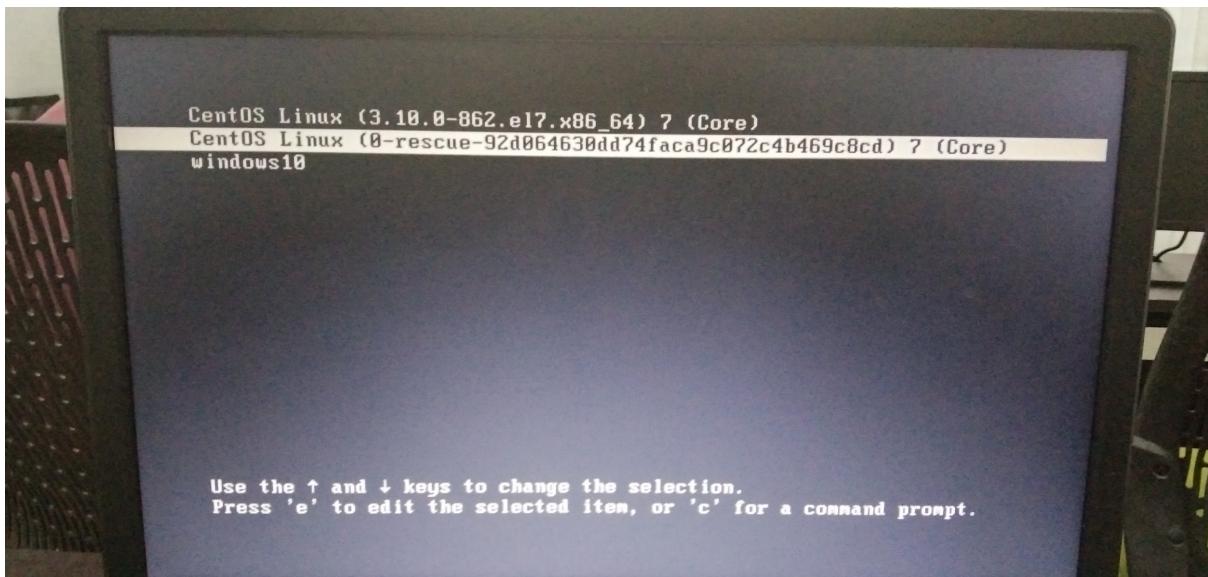
```
#!/bin/sh
exec tail -n +3 $0
# This file provides an easy way to add custom menu entries. Simply type the
# menu entries you want to add after this comment. Be careful not to change
# the 'exec tail' line above.
menuentry "windows10"{
insmod part_msdos
insmod ntfs
set root='(hd0,msdos1)'
search --no-floppy --fs-uuid --set=root 8ABEF402BEF3E49B
chainloader +1
}
~
```

After saving file system is reboot.



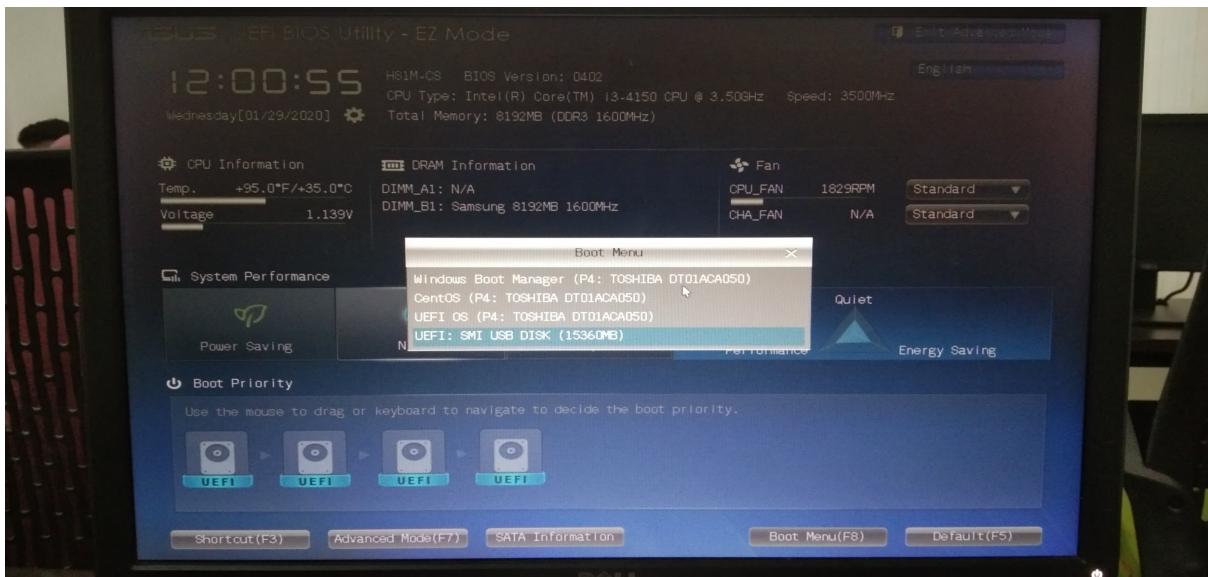
```
/etc/grub.d/10_custom" 12L, 366C written
[root@localhost ~]
[root@localhost ~]
[root@localhost ~]# grub2-mkconfig -o /boot/grub2/grub.cfg
Generating grub configuration file ...
Found linux image: /boot/vmlinuz-3.10.0-862.el7.x86_64
Found initrd image: /boot/initrands-3.10.0-862.el7.x86_64.img
Found linux image: /boot/vmlinuz-0-rescue-52d8646384474fac9c872c1b469c8cd
Found initrd image: /boot/initrands-0-rescue-52d8646384474fac9c872c1b469c8cd.img
done
[root@localhost ~]# reboot
```

If any error in configuration file after saving done will not be displayed and also at the time of next reboot in boot menu windos will not be displayed.



### By gpt partition

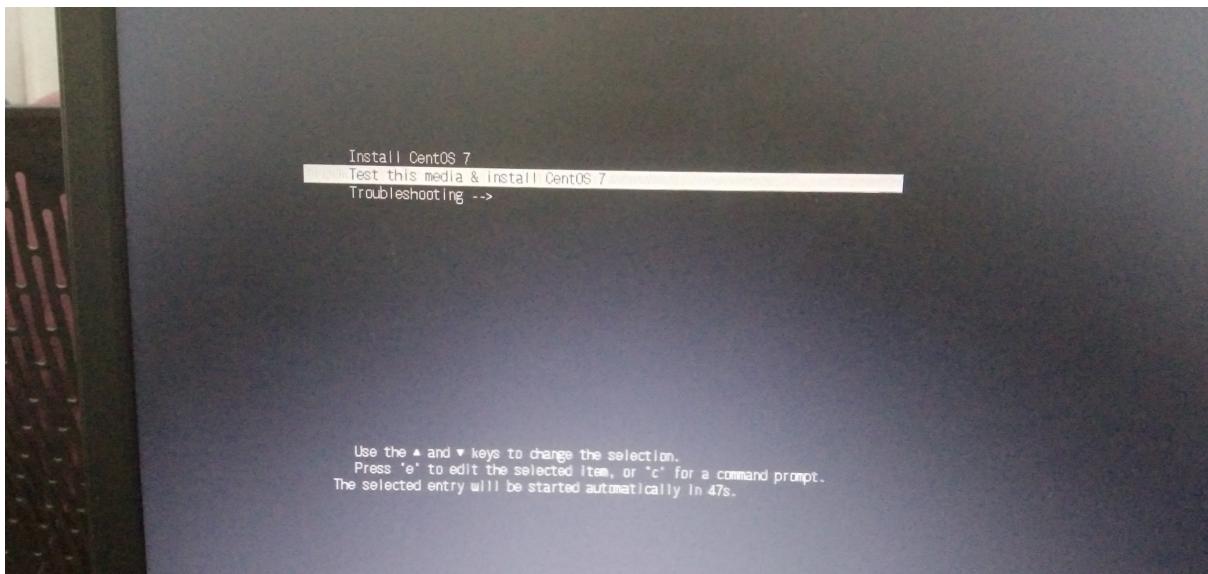
For the gpt partition first at the time of boot device selection select the device with 'UEFI : '



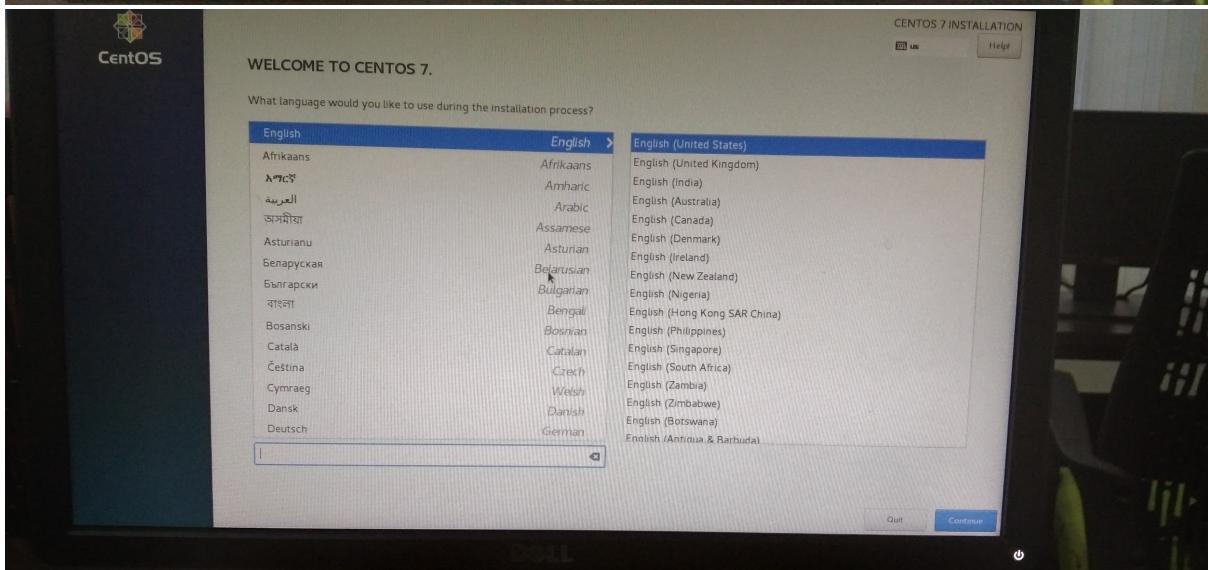
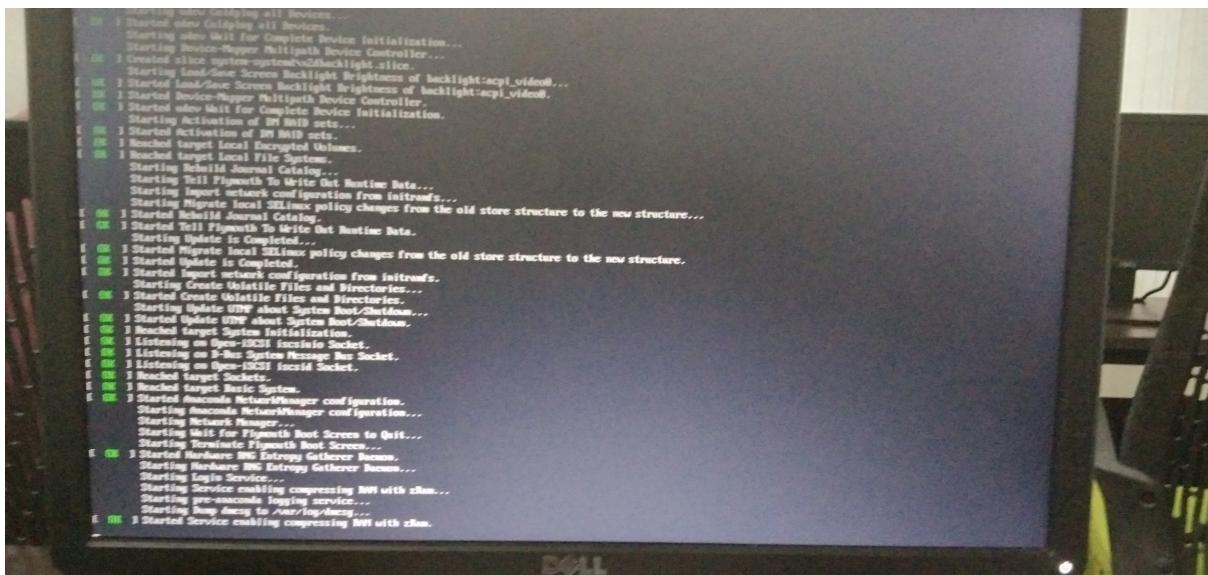
Select the boot device which have the os.

Install the os

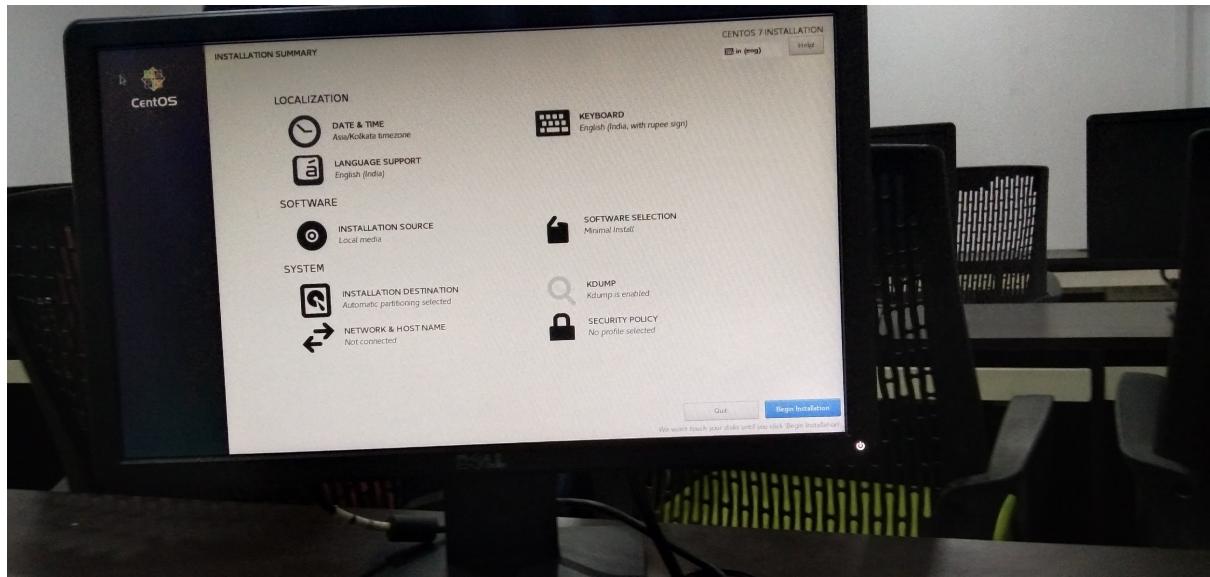
In the case of centos.



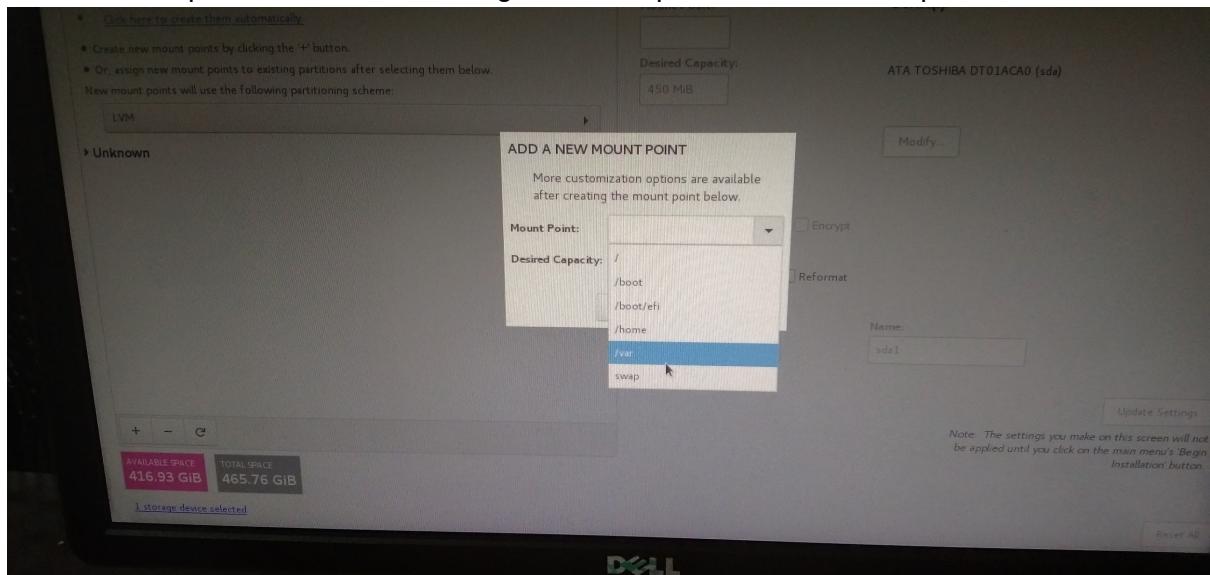
## Install centos 7.

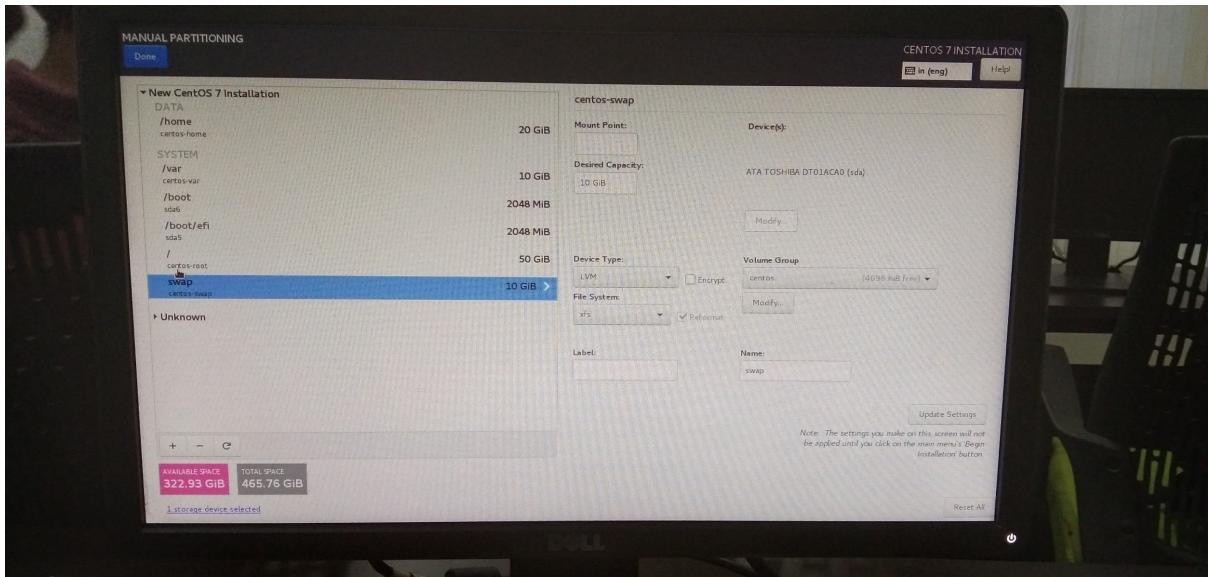


Then follow the procedure and select continue.

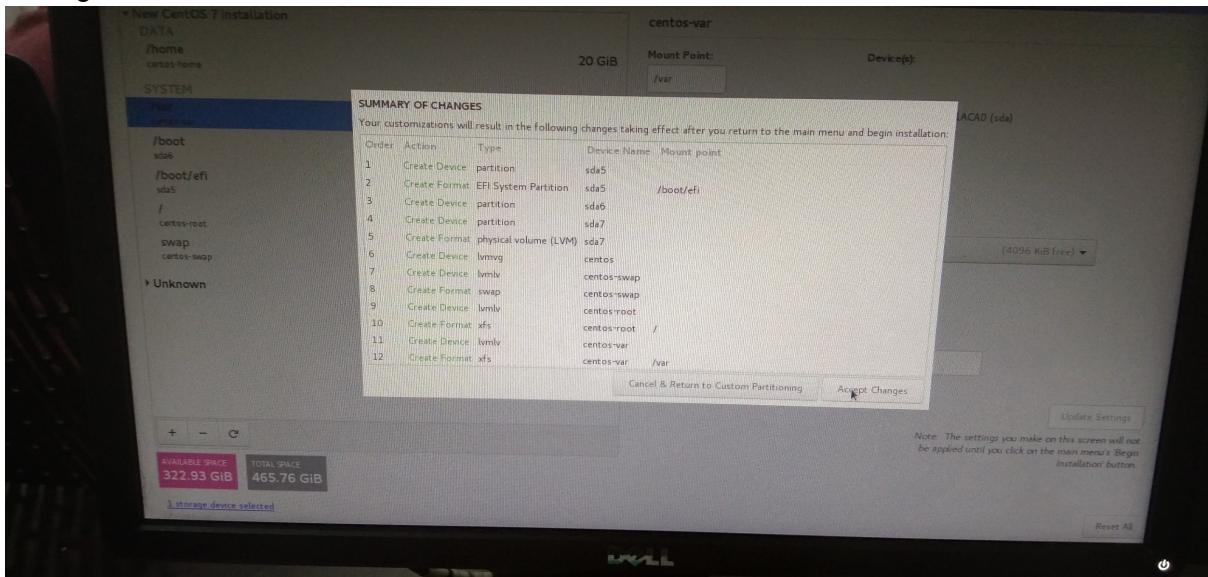


At the time of partition select lvm and give out the partition size for the partitions.

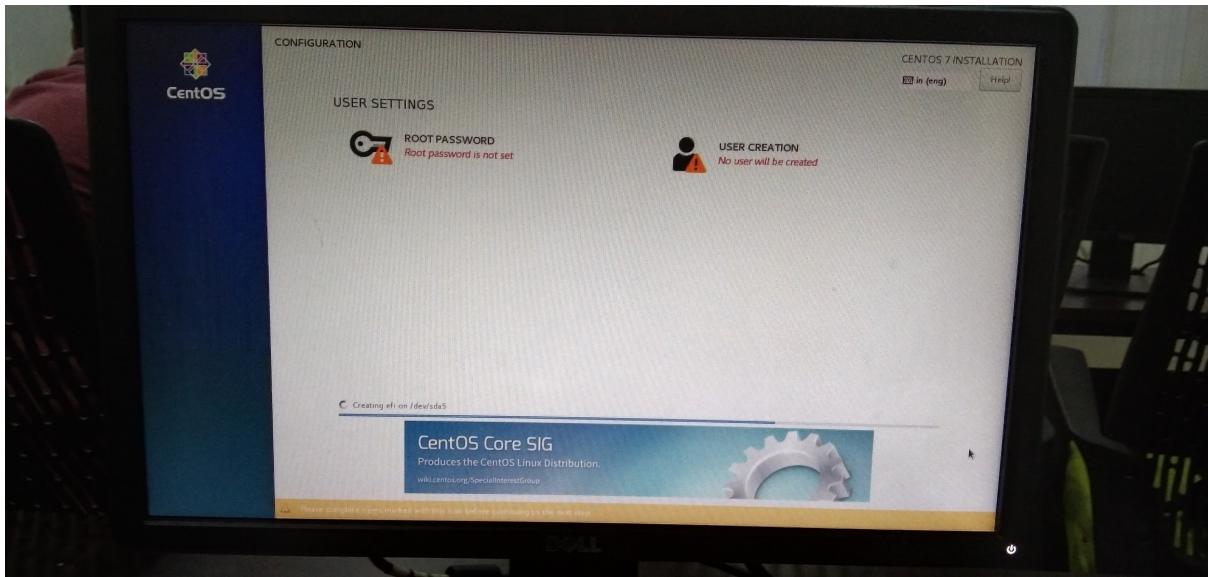




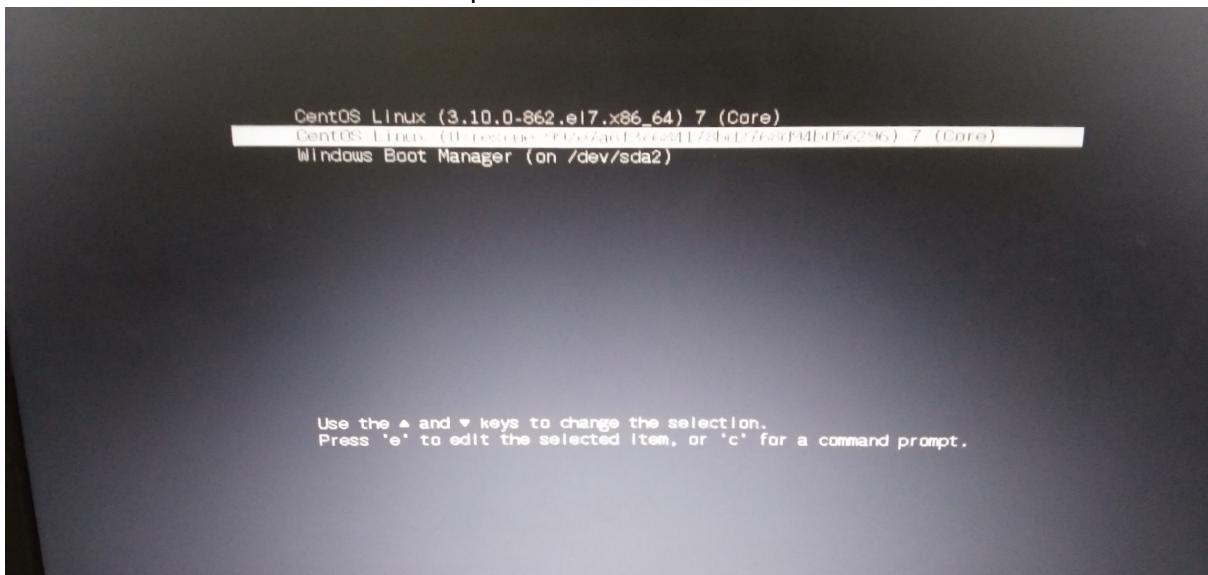
After give the format here it is xfs.



After the process is complete Click begin installation.



Then reboot after installation is complete.



At the next reboot in the boot menu both window and centos will be displayed.