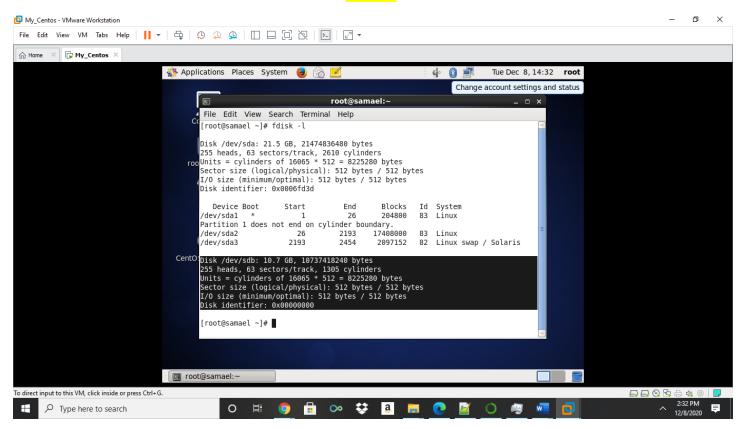
ASSIGNMENT DAY-5

Question 1:

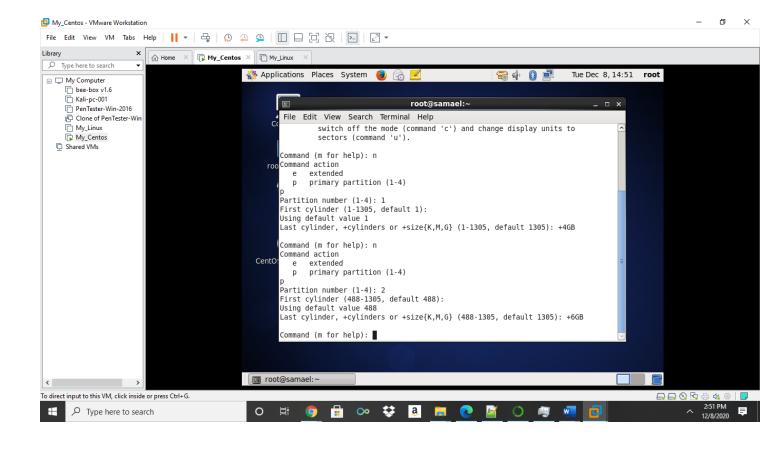
1. Add a 10GB disk to the CentOS.

First add a disk in vm edit section then type fdisk -I you can see the 10.7 GB extra disk



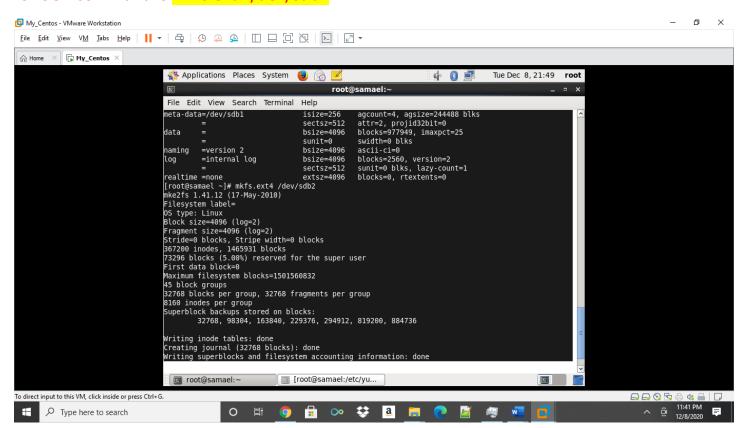
2. Create 2 Partitions 4GB and 6GB of Space respectively.

Use this command fdisk /dev/sdb then you will get command lines then press n for making the partition of new disk. then add 4gb and 6gb with respectively by continuing the process and then save it by pressing w.



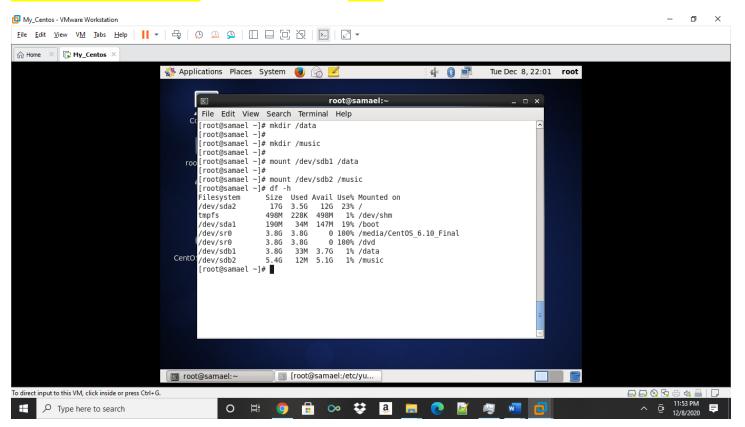
3. Format 4GB with xfs and 6GB with ext4 file system.

First we install xfs then execute the command mkfs.xfs /dev/sdb1 for formatting 4GB and for 6GB command is mkfs.ext4 /dev/sdb2.



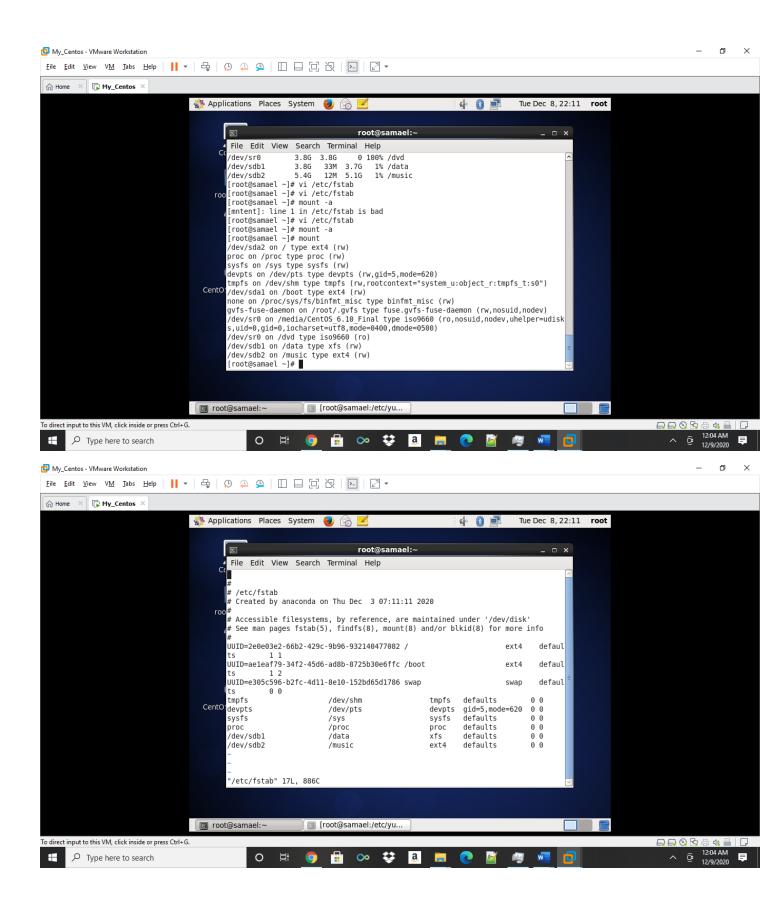
4. Mount 4GB and 6GB in /data and /music directory respectively.

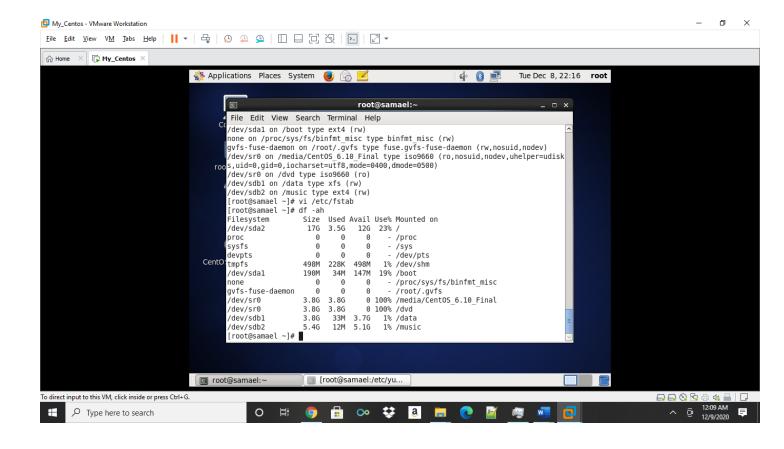
First we make two directories named data and music for two disks command is mkdir/data and mkdir/music. Then we mount them by the command mount/dev/sdb1/data and mount/dev/sdb2/music. Then we check by df-h. this is for temporary



For permanently

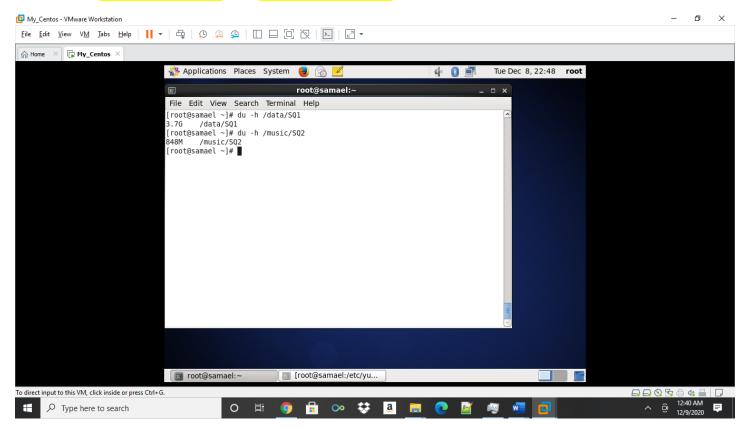
Open vi /etc/fstab then add /dev/sdb1 /data xfs defaults 0 0 and /dev/sdb2 /music ext4 defaults 0 0 then quit insert mode and check for successful mount and the command is mount -a and then use mount command and use df -ah to show directories.





5. Create one file of 1GB in each of the mount point created above.

Use Seq 100000000000 > /data/SQ1 and seq 100000000000 > /music/SQ2 and then check the size by du -h /data/SQ1 and du -h /music/SQ2 .



6. Verify the disk Consumption and disk space free in the mounted partitions.

Type df -h to see the free space in the partition

