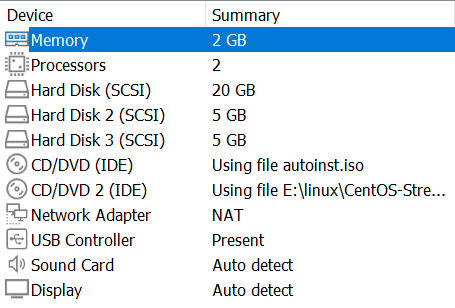
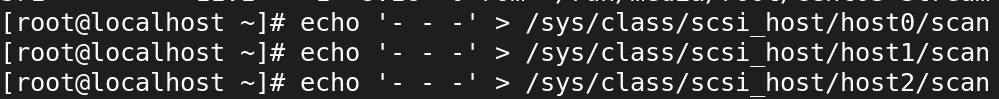
**DISK MANAGEMENT – TASK**

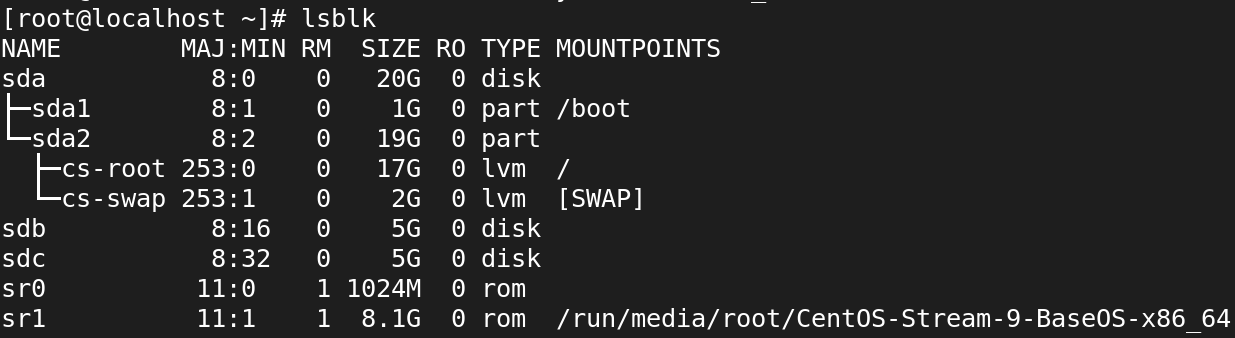
**Create a new two hard disk name as sdb and sdc:**

****

**Scan Disks:**

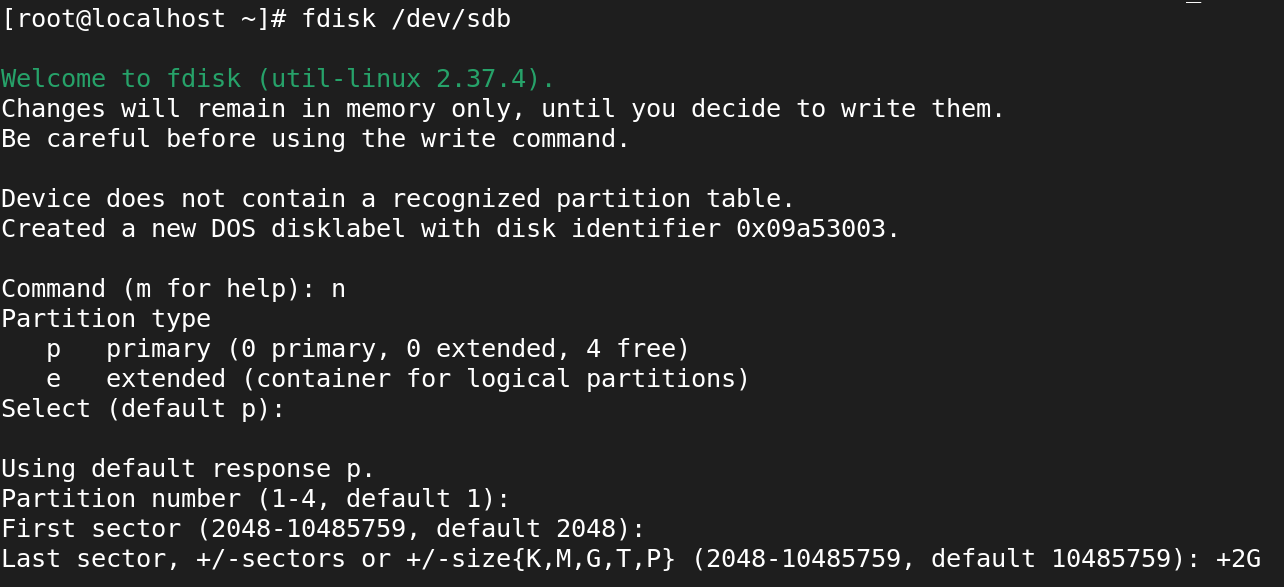
****

**#lsblk**

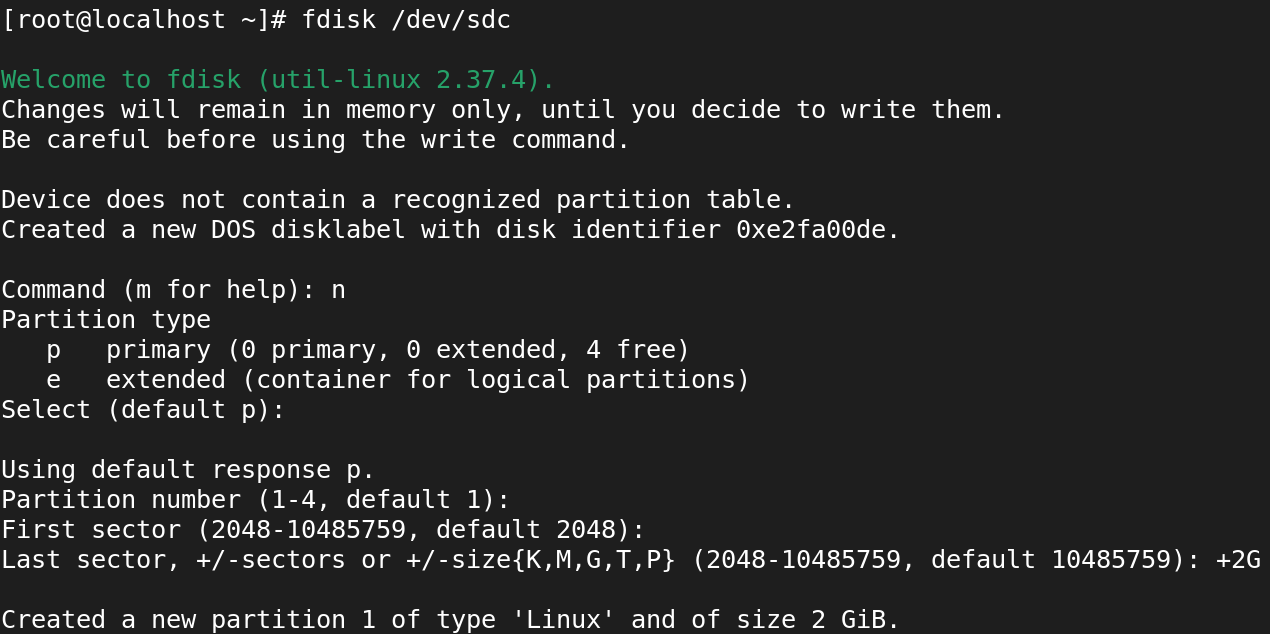
****

**Create partitions:**

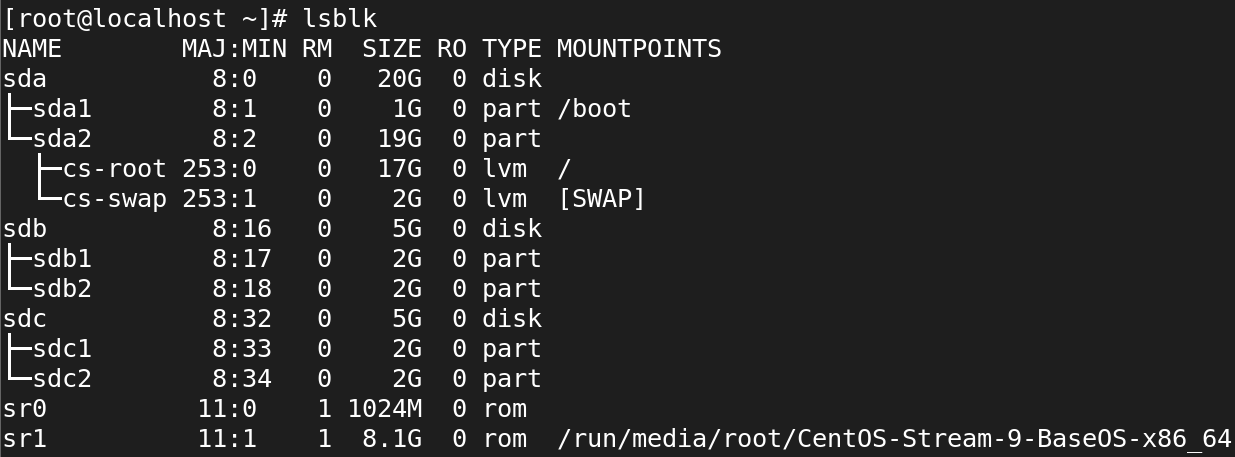
* fdisk /dev/sdb



* fdisk /dev/sdc

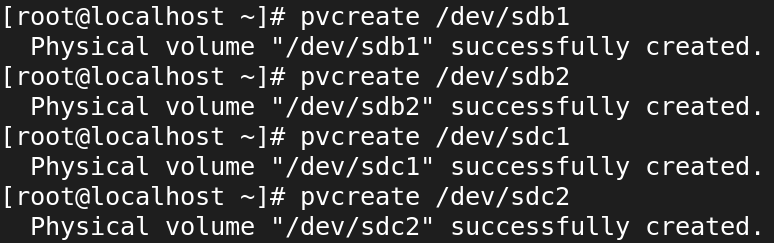


#lsblk

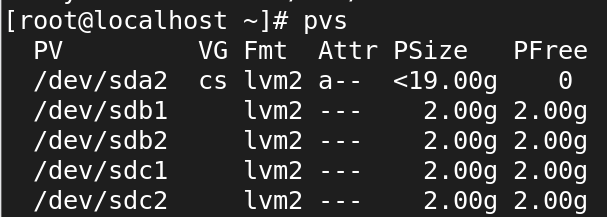


**Create a Physical Volumes for each partition:**

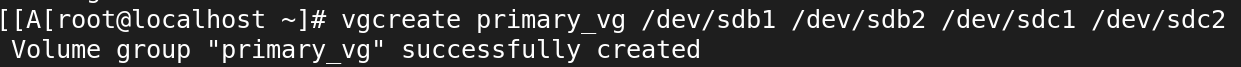
* + pvcreate /dev/sdb1
  + pvcreate /dev/sdb2
  + pvcreate /dev/sdc1
  + pvcreate /dev/sdc2



**#pvs or pvdisplay**

****

**Create single volume group for all physical volumes:**

****

**Create logical volumes:**

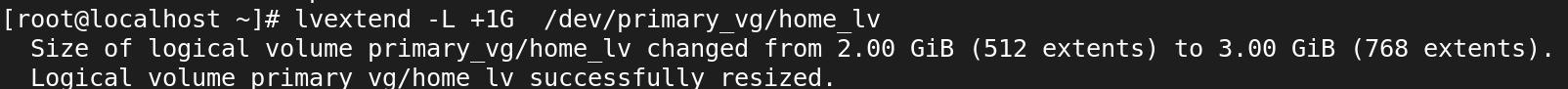
* lvcreate -L +2G -n home\_lv primary\_vg

****

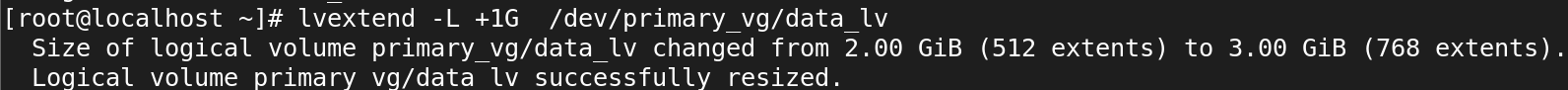
* lvcreate -L +2G -n data\_lv primary\_vg

****

* lvextend-L +1G -n /dev/primary\_vg/home\_lv



* lvextend-L +2G -n /dev/primary\_vg/data\_lv

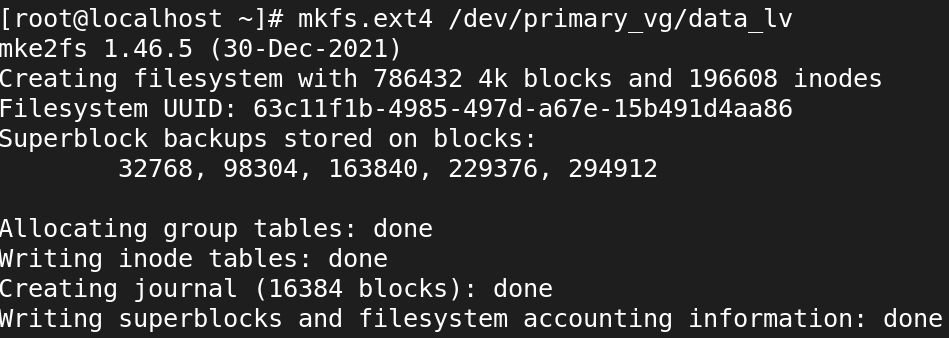


**Create file system for both Logical Volumes:**

* mkfs.xfs /dev/primary\_vg/home\_lv



mkfs.ext4 /dev/primary\_vg/data\_lv

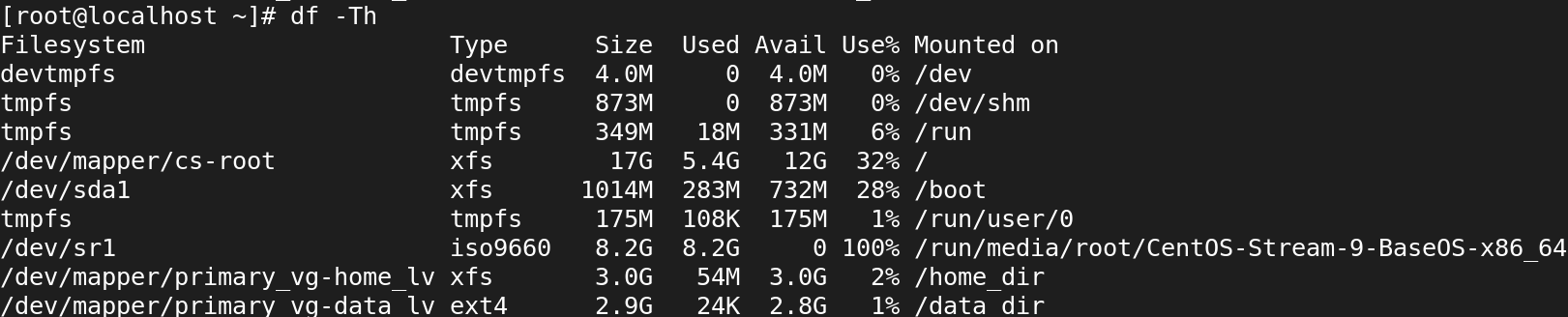


**Mounting the directories to the Logical Volumes:**

* mount /dev/primary\_vg/home\_lv /home/
* mount /dev/primary\_vg/data\_lv sz/data/

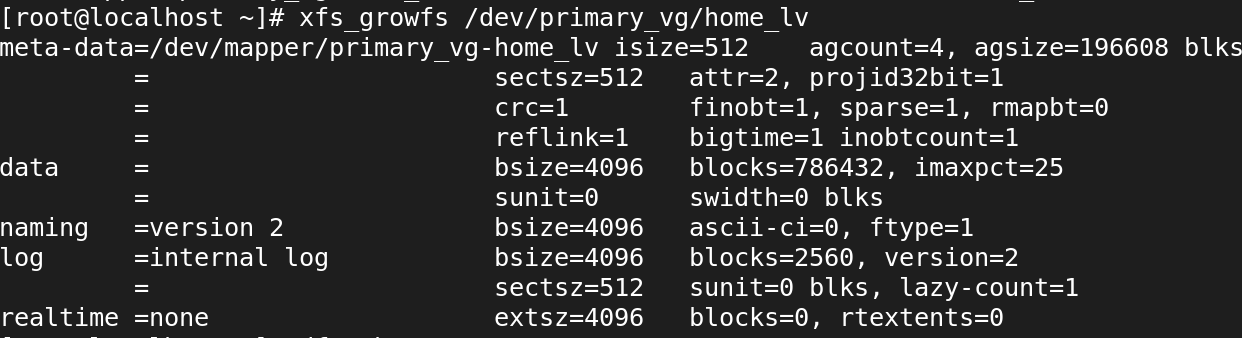


# df -Th



**Creating file system for extended volume:**

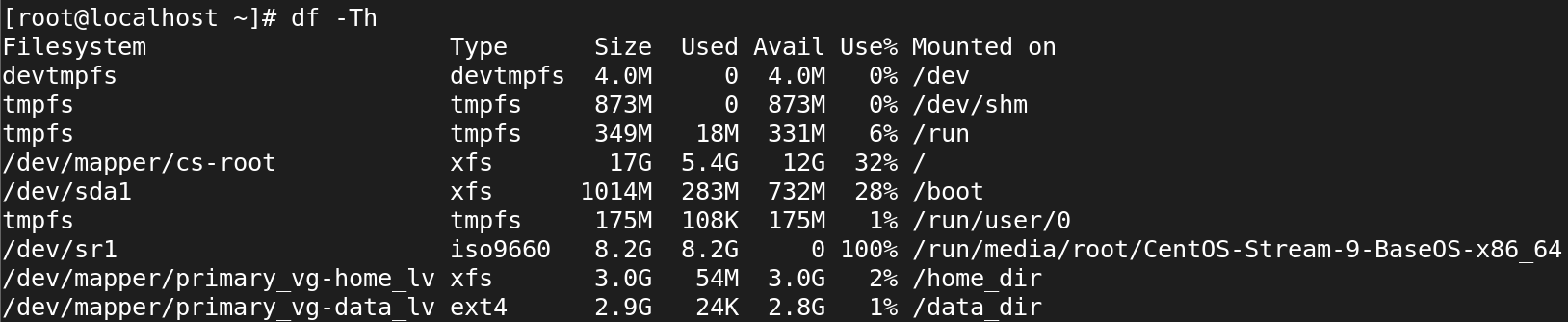
* xfs\_growfs /dev/primary\_vg/home\_lv



* resize2fs /dev/primary\_vg/data\_lv



**#df -Th**

****