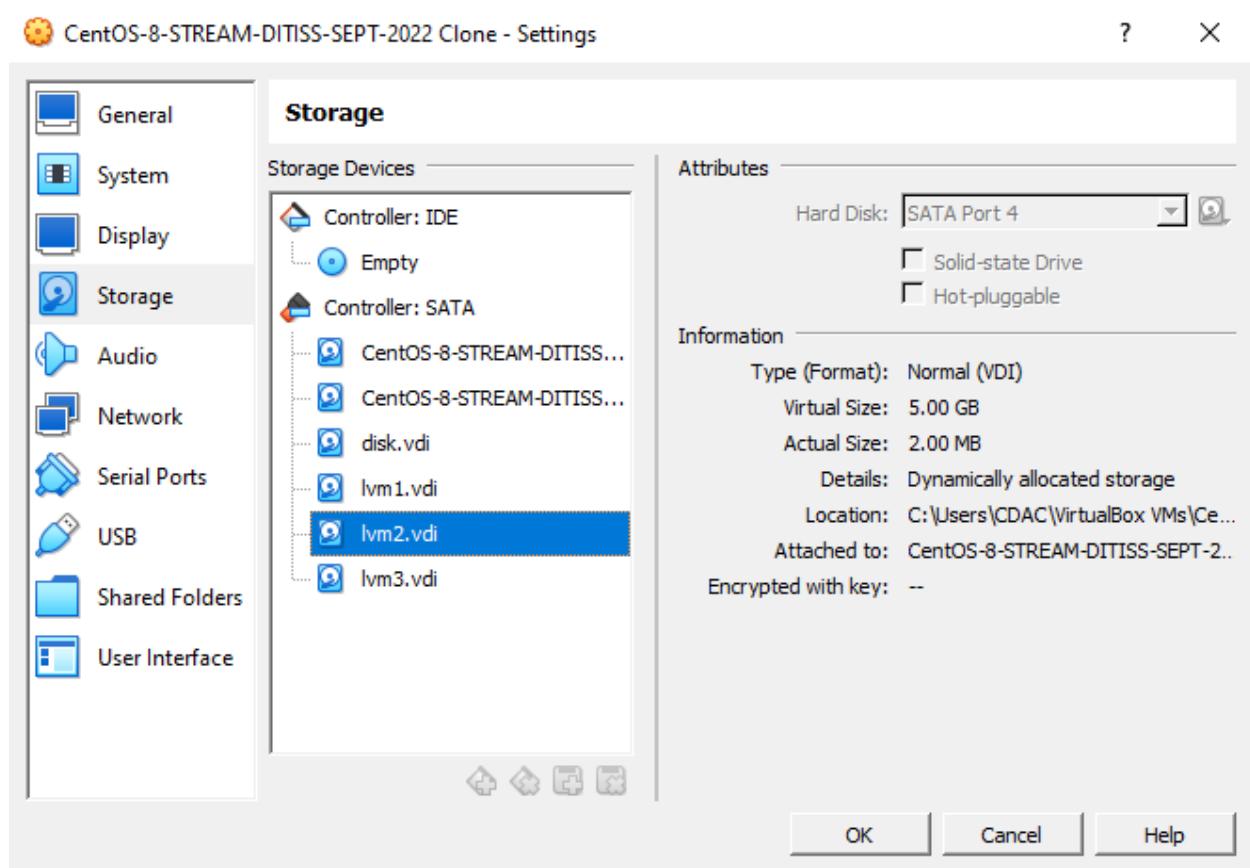
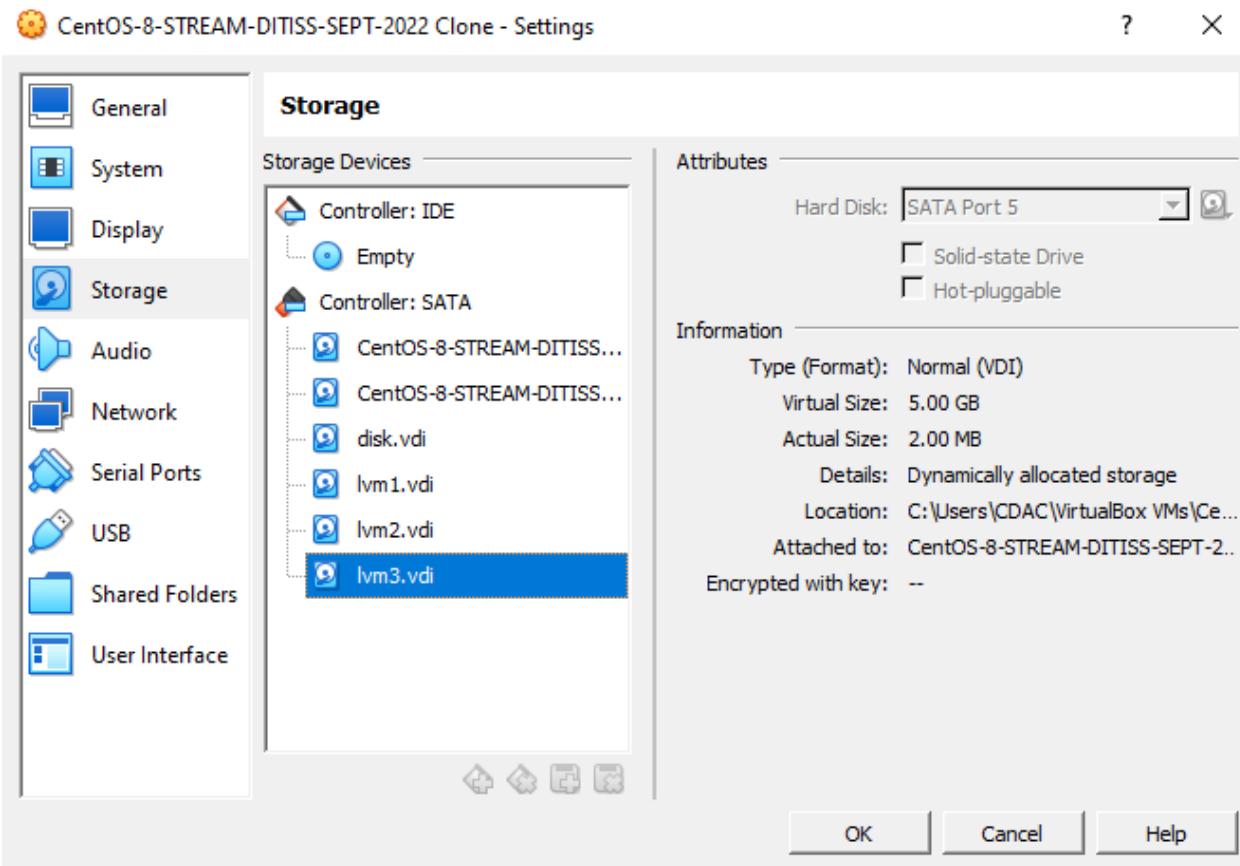


Step 1:- Create virtual disk size is 5GB.



Step 2:- Again Create virtual disk size is 5GB.



Step 3:- create logical volume of both two disk

```
[root@localhost ~]# lvmdiskscan
/dev/sda1 [      1.00 GiB]
/dev/sda2 [    <19.00 GiB] LVM physical volume
/dev/sdb1 [      1.00 GiB]
/dev/sdc1 [      2.00 GiB]
/dev/sdc2 [    <3.00 GiB]
/dev/sdd1 [    <5.00 GiB]
/dev/sde [      5.00 GiB]
/dev/sdf [      5.00 GiB]
2 disks
5 partitions
0 LVM physical volume whole disks
1 LVM physical volume
[root@localhost ~]# pvcreate /dev/sde /dev/sdf
Physical volume "/dev/sde" successfully created.
Physical volume "/dev/sdf" successfully created.
[root@localhost ~]# pvs
PV          VG Fmt Attr PSize   PFree
/dev/sda2  cs lvm2 a--  <19.00g     0
/dev/sde    lvm2 ---   5.00g  5.00g
/dev/sdf    lvm2 ---   5.00g  5.00g
[root@localhost ~]#
```

Step 4:- create physical volume sate

```
[root@localhost ~]# pvcreate /dev/sde /dev/sdf
Physical volume "/dev/sde" successfully created.
Physical volume "/dev/sdf" successfully created.
[root@localhost ~]# pvs
PV          VG Fmt Attr PSize  PFree
/dev/sda2   cs lvm2 a--  <19.00g    0
/dev/sde    lvm2 ---  5.00g  5.00g
/dev/sdf    lvm2 ---  5.00g  5.00g
[root@localhost ~]# vgcreate vdisk /dev/sde /dev/sdf
Volume group "vdisk" successfully created
[root@localhost ~]# vgs
VG      #PV #LV #SN Attr   VSize   VFree
cs        1   2   0 wz--n- <19.00g    0
vdisk     2   0   0 wz--n-   9.99g  9.99g
[root@localhost ~]# █
```

Step 5:-

```
Physical volume "/dev/sdf" successfully created.
[root@localhost ~]# pvs
PV          VG Fmt Attr PSize  PFree
/dev/sda2   cs lvm2 a--  <19.00g    0
/dev/sde    lvm2 ---  5.00g  5.00g
/dev/sdf    lvm2 ---  5.00g  5.00g
[root@localhost ~]# vgcreate vdisk /dev/sde /dev/sdf
Volume group "vdisk" successfully created
[root@localhost ~]# vgs
VG      #PV #LV #SN Attr   VSize   VFree
cs        1   2   0 wz--n- <19.00g    0
vdisk     2   0   0 wz--n-   9.99g  9.99g
[root@localhost ~]# lvcreate -L 10G -n drive -1 vdisk
lvcreate: invalid option -- '1'
      Error during parsing of command line.
[root@localhost ~]# lvcreate -L 10G -n drive 1 vdisk
      Volume group "1" not found
      Cannot process volume group 1
[root@localhost ~]# lvcreate -L 10G -n drive-1 vdisk
      Volume group "vdisk" has insufficient free space (2558 extents): 2560 required
.
[root@localhost ~]# lvcreate -L 9G -n drive-1 vdisk
      Logical volume "drive-1" created.
[root@localhost ~]# █
```