

Q 3. Connect your USB device to CentOS VM, and mount it under "/pendrive" folder. Reboot your Linux system and check whether USB device is still mounted on your system?

1. Make directory of /pendrive

```
[root@localhost ~]# mkdir /pendrive
```

2. Check the location of the file

```
[root@localhost ~]# lsblk
```

NAME	MAJ:MIN	RM	SIZE	RO	TYPE	MOUNTPOINTS
sda	8:0	0	30.2G	0	disk	
└─sda1	8:1	0	1G	0	part	/boot
└─sda2	8:2	0	29.2G	0	part	
└─┬─cs-root	253:0	0	26.2G	0	lvm	/
└─└─cs-swap	253:1	0	3G	0	lvm	[SWAP]
sdb	8:16	1	57.7G	0	disk	
└─sdb1	8:17	1	57.7G	0	part	/run/media/chetan/vikash
sr0	11:0	1	1024M	0	rom	

3. Mount the device to the pendrive folder

```
[root@localhost ~]# mount /dev/sdb1 /pendrive
[root@localhost ~]# df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
devtmpfs	4.0M	0	4.0M	0%	/dev
tmpfs	1.8G	0	1.8G	0%	/dev/shm
tmpfs	732M	9.3M	723M	2%	/run
/dev/mapper/cs-root	27G	5.8G	21G	22%	/
/dev/sda1	960M	368M	593M	39%	/boot
tmpfs	366M	100K	366M	1%	/run/user/1000
/dev/sdb1	58G	64K	58G	1%	/pendrive

4. Check the file location it is located in pendrive folder

```
[root@localhost /]# man lsblk
```

[1]+ Stopped man lsblk

```
[root@localhost /]# lsblk
```

NAME	MAJ:MIN	RM	SIZE	RO	TYPE	MOUNTPOINTS
sda	8:0	0	30.2G	0	disk	
└─sda1	8:1	0	1G	0	part	/boot
└─sda2	8:2	0	29.2G	0	part	
└─cs-root	253:0	0	26.2G	0	lvm	/
└─cs-swap	253:1	0	3G	0	lvm	[SWAP]
sdb	8:16	1	57.7G	0	disk	
└─sdb1	8:17	1	57.7G	0	part	/pendrive
						/run/media/chetan/vikash
sr0	11:0	1	1024M	0	rom	

5. Command to mount -t fat32/dev/sdb1/pendrive and the location will be set

```
[root@localhost ~]# mount -t fat32/dev/sdb1/pendrive
[root@localhost ~]# ls
afs  bin  chetan  dev  home  lib64  mnt  pendrive  root  sbin  sys  usr
assin  boot  demo  etc  lib  media  opt  proc  run  srv  tmp  var
[root@localhost ~]# lsblk
NAME        MAJ:MIN RM  SIZE RO TYPE MOUNTPOINTS
sda          8:0    0 30.2G  0 disk
├─sda1       8:1    0   1G   0 part /boot
├─sda2       8:2    0 29.2G  0 part
│   └─cs-root 253:0   0 26.2G  0 lvm  /
│       └─cs-swap 253:1   0   3G   0 lvm  [SWAP]
└─sdb        8:16   1 57.7G  0 disk
   └─sdb1     8:17   1 57.7G  0 part /pendrive
                                   /run/media/chetan/vikash
sr0         11:0    1 1024M  0 rom
```

6. After rebooting the system the device is still mounted

