

Question: Please provide an example of how to create a mount point in Linux?

Answer: Let us say you have enough space on sdb drive to create a partition from cylinder 106302 to 109360 as 14th partition on /dev/sdb (/dev/sdb14). Your task is to create mount point called /u79 and map it to /dev/sdb14. Let us see how we do this.

1. Create partition using fdisk

```
fdisk /dev/sdb  
n  
106302  
109360  
w
```

2. Verify partition is created.

```
fdisk -l /dev/sdb  
/dev/sdb14
```

3. Create directory on /

```
mkdir /u79
```

4. Format disk with ext3 filesystem on the partition you have created.

```
mkfs -t ext3 /dev/sdb14  
  
--to format the disk with the xfs file system  
#mkfs.xfs -d su=64k,sw=4 /dev/sdc1
```

5. Label Directory to partition

```
e2label /dev/sdb14 /u79
```

6. Add Labels to /etc/fstab

<pre>vi /etc/fstab ESC shift+g o LABEL=/u79 /u79 ext3 defaults 1 2</pre>	<ul style="list-style-type: none">→ to open the file.→ to go to ESC mode→ to go to last line.→ to open a new line below last line in insert mode and paste
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7. Mount the partition

```
mount /dev/sdb14 /u79
```

Note: To unmount the partition, you can use "umount" like below.

```
umount /u79
```