

```
Command (m for help): n
Partition type
   p   primary (0 primary, 0 extended, 4 free)
   e   extended (container for logical partitions)
Select (default p): p
Partition number (1-4, default 1):
First sector (2048-21888543, default 2048):
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-21888543, default 21888543): +4G

Created a new partition 1 of type 'Linux' and of size 4 GiB.
```

```
Command (m for help): n
Partition type
   p   primary (1 primary, 0 extended, 3 free)
   e   extended (container for logical partitions)
Select (default p): p
Partition number (2-4, default 2):
First sector (8390656-21888543, default 8390656):
Last sector, +/-sectors or +/-size{K,M,G,T,P} (8390656-21888543, default 21888543): +6G

Created a new partition 2 of type 'Linux' and of size 6 GiB.
```

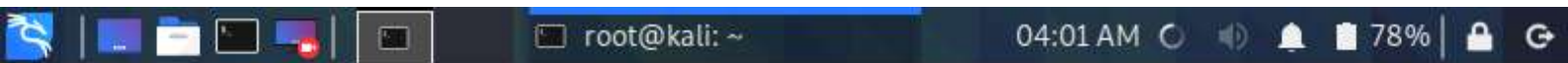
Device	Boot	Start	End	Sectors	Size	Id	Type
/dev/sdb1		2048	8390655	8388608	4G	83	Linux
/dev/sdb2		8390656	20973567	12582912	6G	83	Linux

```
(root@kali)-[~]  
# mkfs .ext4 -j /dev/sdb1  
mke2fs 1.45.6 (20-Mar-2020)  
Creating filesystem with 1048576 4k blocks and 262144 inodes  
Filesystem UUID: bc8ad11e-a457-4637-a11d-77a467e58aa5  
Superblock backups stored on blocks:  
    32768, 98304, 163840, 229376, 294912, 819200, 884736  
  
Allocating group tables: done  
Writing inode tables: done  
Creating journal (16384 blocks): done  
Writing superblocks and filesystem accounting information: done
```

```
(root@kali)-[~]  
# mkfs.ext4 -j /dev/sdb2  
mke2fs 1.45.6 (20-Mar-2020)  
Creating filesystem with 1572864 4k blocks and 393216 inodes  
Filesystem UUID: 861c8b33-9759-444b-800a-66bda2f3e9cb  
Superblock backups stored on blocks:  
    32768, 98304, 163840, 229376, 294912, 819200, 884736  
  
Allocating group tables: done  
Writing inode tables: done  
Creating journal (16384 blocks): done  
Writing superblocks and filesystem accounting information: done
```

6.4 GB

(root@kali)-[~]



root@kali: ~

04:01 AM 78%

root@kali: ~

File Actions Edit View Help

```
(root@kali)-[~]
# mkfs.ext4 -j /dev/sdb1
mke2fs 1.45.6 (20-Mar-2020)
Creating filesystem with 1048576 4k blocks and 262144 inodes
Filesystem UUID: bc8ad11e-a457-4637-a11d-77a467e58aa5
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736

Allocating group tables: done
Writing inode tables: done
Creating journal (16384 blocks): done
Writing superblocks and filesystem accounting information: done

(root@kali)-[~]
# mkfs.ext4 -j /dev/sdb2
mke2fs 1.45.6 (20-Mar-2020)
Creating filesystem with 1572864 4k blocks and 393216 inodes
Filesystem UUID: 861c8b33-9759-444b-800a-66bda2f3e9cb
Superblock backups stored on blocks:
    32768, 98304, 163840, 229376, 294912, 819200, 884736

Allocating group tables: done
Writing inode tables: done
Creating journal (16384 blocks): done
Writing superblocks and filesystem accounting information: done
```

```
(root@kali)-[~]
#
```

File Actions Edit View Help

```
(root@kali)-[~]  
# mkdir /data  
mkdir: cannot create directory '/data': File exists
```

```
(root@kali)-[~]  
# mkdir /music
```

```
(root@kali)-[~]  
# mount /dev/sdb1 /data
```

```
(root@kali)-[~]  
# df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	918M	0	918M	0%	/dev
tmpfs	191M	956K	190M	1%	/run
/dev/sda1	78G	9.2G	65G	13%	/
tmpfs	951M	0	951M	0%	/dev/shm
tmpfs	5.0M	0	5.0M	0%	/run/lock
tmpfs	4.0M	0	4.0M	0%	/sys/fs/cgroup
tmpfs	191M	52K	191M	1%	/run/user/1000
/dev/sdb1	3.9G	8.1M	3.7G	1%	/data

```
(root@kali)-[~]  
# mount /dev/sdb2 /music
```

```
(root@kali)-[~]  
# df -h
```

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	918M	0	918M	0%	/dev

root@kali: ~

File Actions Edit View Help

(root@kali)-[~]

df -h

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	918M	0	918M	0%	/dev
tmpfs	191M	956K	190M	1%	/run
/dev/sda1	78G	9.2G	65G	13%	/
tmpfs	951M	0	951M	0%	/dev/shm
tmpfs	5.0M	0	5.0M	0%	/run/lock
tmpfs	4.0M	0	4.0M	0%	/sys/fs/cgroup
tmpfs	191M	52K	191M	1%	/run/user/1000
/dev/sdb1	3.9G	8.1M	3.7G	1%	/data

(root@kali)-[~]

mount /dev/sdb2 /music

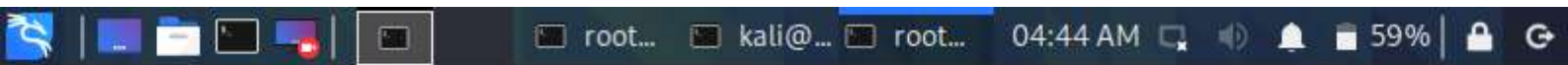
(root@kali)-[~]

df -h

Filesystem	Size	Used	Avail	Use%	Mounted on
udev	918M	0	918M	0%	/dev
tmpfs	191M	956K	190M	1%	/run
/dev/sda1	78G	9.2G	65G	13%	/
tmpfs	951M	0	951M	0%	/dev/shm
tmpfs	5.0M	0	5.0M	0%	/run/lock
tmpfs	4.0M	0	4.0M	0%	/sys/fs/cgroup
tmpfs	191M	52K	191M	1%	/run/user/1000
/dev/sdb1	3.9G	8.1M	3.7G	1%	/data
/dev/sdb2	5.9G	24M	5.6G	1%	/music

(root@kali)-[~]

#



root@kali: /data



File Actions Edit View Help

Be careful before using the write command.

Command (m for help): ^Z

zsh: suspended fdisk /dev/sdb

```
(root@kali)~# cd /data 148 x 1
```

```
(root@kali)/data# dd if=/dev/zero of=Demo1.img bs=1 count=0 seek=1G 1
0+0 records in
0+0 records out
0 bytes copied, 0.000279916 s, 0.0 kB/s
```

```
(root@kali)/data# ls 1
Demo1.img
```

```
(root@kali)/data# cd /music 1
```

```
(root@kali)/music# dd if=/dev/zero of=Demo1.img bs=1 count=0 seek=1G 1
0+0 records in
0+0 records out
0 bytes copied, 0.000525349 s, 0.0 kB/s
```

```
(root@kali)/music# ls 1
Demo1.img
```

```
└─$ df -h
Filesystem      Size  Used Avail Use% Mounted on
udev            918M   0    918M   0% /dev
tmpfs           191M  948K   190M   1% /run
/dev/sda1       78G   9.3G   65G   13% /
tmpfs           951M   0    951M   0% /dev/shm
tmpfs           5.0M   0     5.0M   0% /run/lock
tmpfs           4.0M   0     4.0M   0% /sys/fs/cgroup
tmpfs           191M   52K   191M   1% /run/user/1000
```