2. Creating Partitions With Parted

Parted

Pros	Cons
Newer	not installed in distros by default
User Friendly	can increase attack surface
support more partitions (GPT,MBR,...)	

How to use it?

```
sudo parted
        > print devices # Shows all Storage Devices
        > print free # Lists all partitions + free size
        > print all # Lists all devices and partitions
```

Create a partition:

- Select the storage device

```
select /dev/sda
```

- If the device doesn't have a partition table, first you should create one.

```
mklabel
        > gpt/mbr
```

- Now we can create the partition.

```
# 1
mkpart
        > gpt
        > ext4
        First Sector > 1
        Last Sector > 1000
```

```
# 2
mkpart gpt ext4 1 1000
```

Remove a partition:

- Select the storage device

```
select /dev/sda
```

- Remove a partition with `rm` with its number

```
rm 4 # Remove partition 4
```