Partition flash drive

1. Open flash drive in gdisk
   sudo gdisk /dev/sdx
2. Create a new partition table
   o
3. Create partitions (4 MiB for FAT, 6 MiB for NTFS)
   n
   <default>
   <default>
   +4M (or +6M)
   <default>
4. Repeat step 3 for desired number of partitions
5. Write new partitions to the drive
   w

Example partition schemes: (output of *gdisk <drive> -l*)

```
GPT fdisk (gdisk) version 1.0.4

Partition table scan:
  MBR: protective
  BSD: not present
  APM: not present
  GPT: present

Found valid GPT with protective MBR; using GPT.
Disk /dev/sde: 62668800 sectors, 29.9 GiB
Model: Flash Drive
Sector size (logical/physical): 512/512 bytes
Disk identifier (GUID): 733B3227-21A1-4A7C-B3DE-06FAD638CC7C
Partition table holds up to 128 entries
Main partition table begins at sector 2 and ends at sector 33
First usable sector is 34, last usable sector is 62668766
Partitions will be aligned on 2048-sector boundaries
Total free space is 62537661 sectors (29.8 GiB)

Number  Start (sector)    End (sector)  Size       Code  Name
   1            2048           10239   4.0 MiB     8300  Linux filesystem
   2           10240           18431   4.0 MiB     8300  Linux filesystem
   3           18432           26623   4.0 MiB     8300  Linux filesystem
   4           26624           34815   4.0 MiB     8300  Linux filesystem
   5           34816           43007   4.0 MiB     8300  Linux filesystem
   6           43008           51199   4.0 MiB     8300  Linux filesystem
   7           51200           59391   4.0 MiB     8300  Linux filesystem
   8           59392           67583   4.0 MiB     8300  Linux filesystem
   9           67584           75775   4.0 MiB     8300  Linux filesystem
  10           75776           83967   4.0 MiB     8300  Linux filesystem
  11           83968           92159   4.0 MiB     8300  Linux filesystem
  12           92160          100351   4.0 MiB     8300  Linux filesystem
  13          100352          108543   4.0 MiB     8300  Linux filesystem
  14          108544          116735   4.0 MiB     8300  Linux filesystem
  15          116736          124927   4.0 MiB     8300  Linux filesystem
  16          124928          133119   4.0 MiB     8300  Linux filesystem
```

```
GPT fdisk (gdisk) version 1.0.4

Partition table scan:
  MBR: protective
  BSD: not present
  APM: not present
  GPT: present

Found valid GPT with protective MBR; using GPT.
Disk /dev/sde: 62668800 sectors, 29.9 GiB
Model: Flash Drive
Sector size (logical/physical): 512/512 bytes
Disk identifier (GUID): 54D3C765-8566-4D95-968B-BBE062B41FDB
Partition table holds up to 128 entries
Main partition table begins at sector 2 and ends at sector 33
First usable sector is 34, last usable sector is 62668766
Partitions will be aligned on 2048-sector boundaries
Total free space is 62508989 sectors (29.8 GiB)

Number  Start (sector)    End (sector)  Size       Code  Name
   1            2048           14335   6.0 MiB     8300  Linux filesystem
   2           14336           26623   6.0 MiB     8300  Linux filesystem
   3           26624           38911   6.0 MiB     8300  Linux filesystem
   4           38912           51199   6.0 MiB     8300  Linux filesystem
   5           51200           63487   6.0 MiB     8300  Linux filesystem
   6           63488           75775   6.0 MiB     8300  Linux filesystem
   7           75776           88063   6.0 MiB     8300  Linux filesystem
   8           88064          100351   6.0 MiB     8300  Linux filesystem
   9          100352          112639   6.0 MiB     8300  Linux filesystem
  10          112640          124927   6.0 MiB     8300  Linux filesystem
  11          124928          137215   6.0 MiB     8300  Linux filesystem
  12          137216          149503   6.0 MiB     8300  Linux filesystem
  13          149504          161791   6.0 MiB     8300  Linux filesystem
```