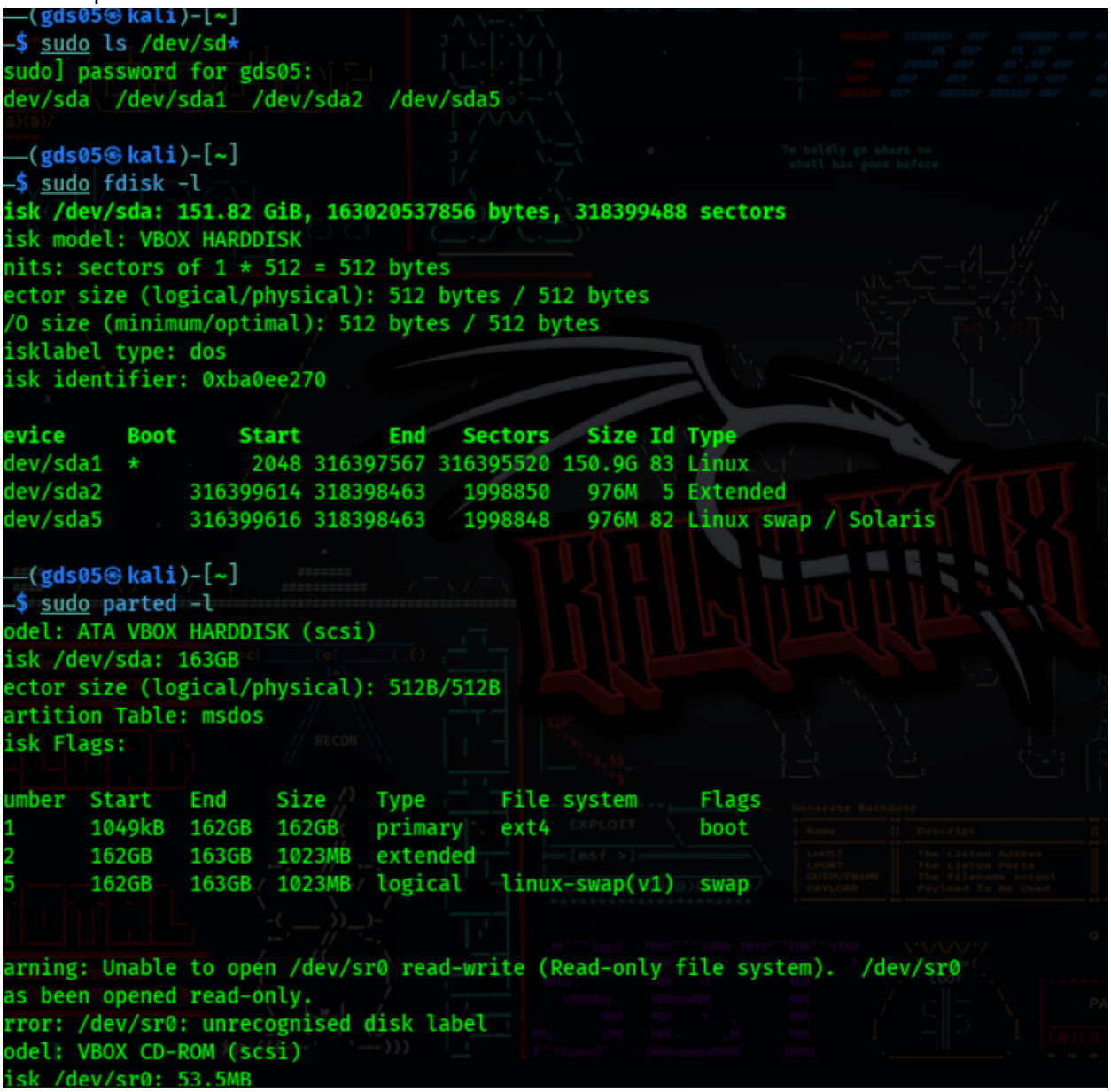
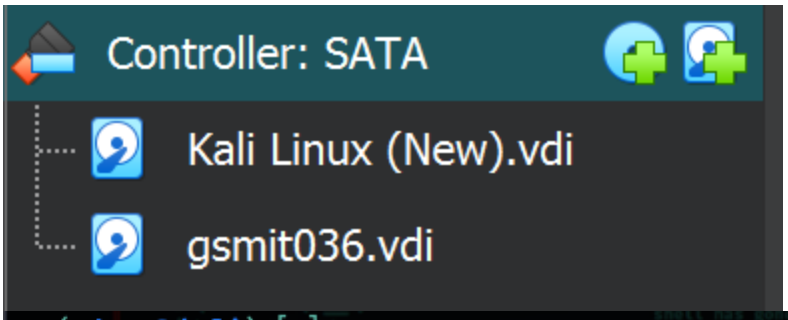
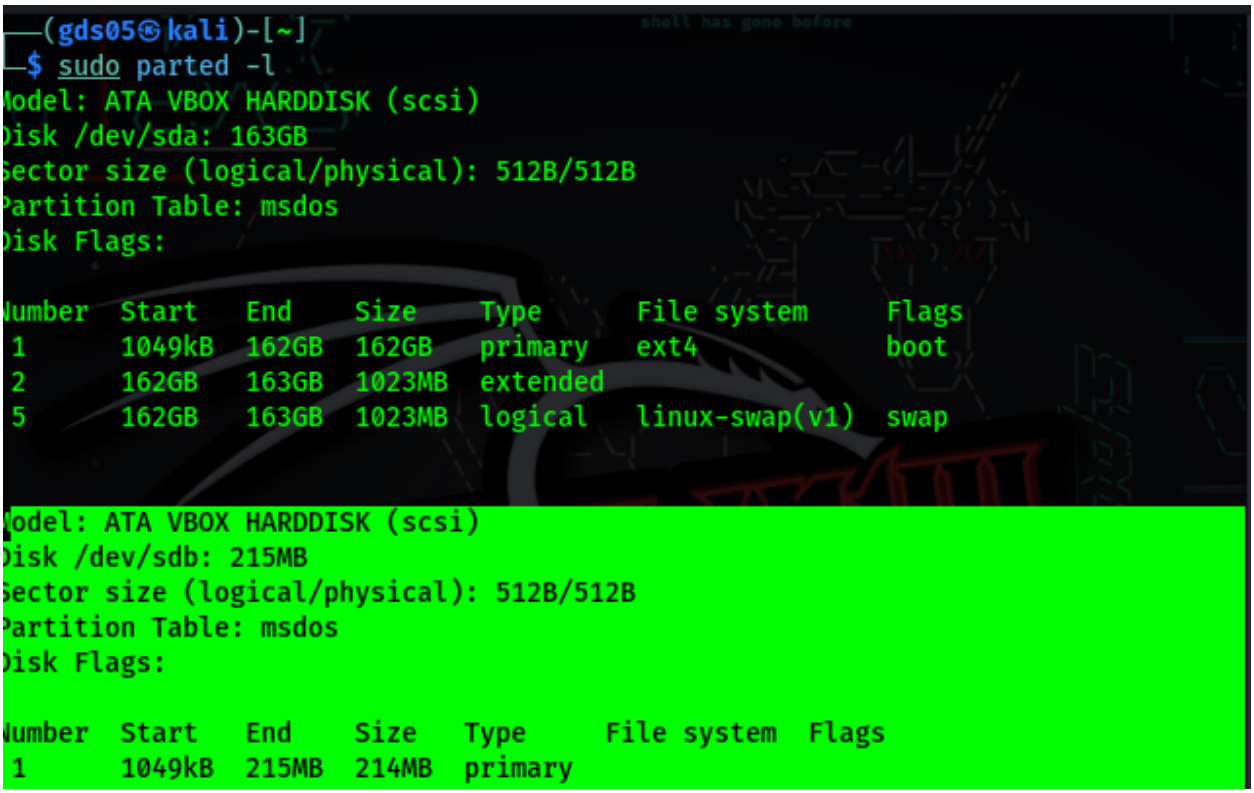
Start of part 1



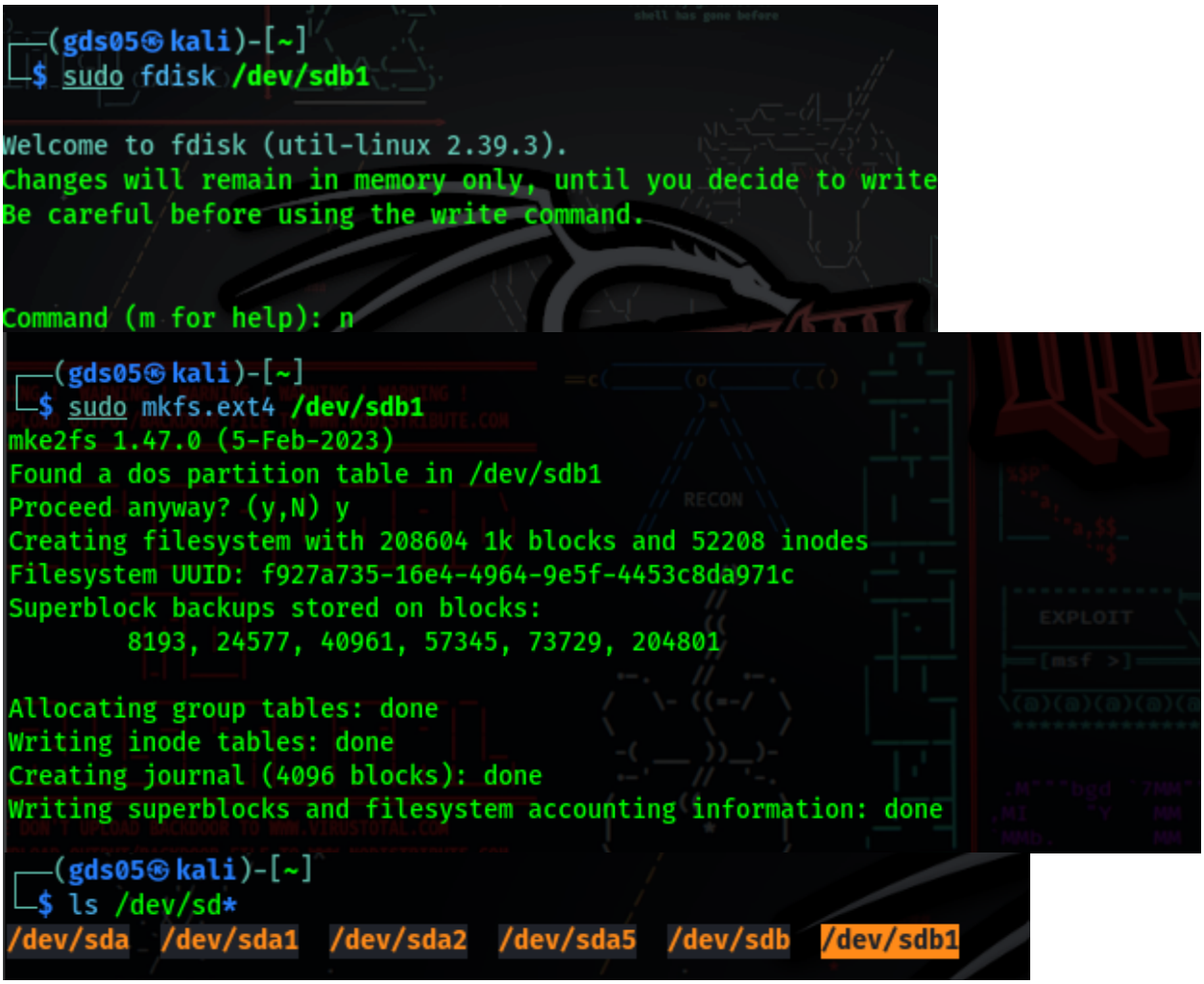
Start of part 2

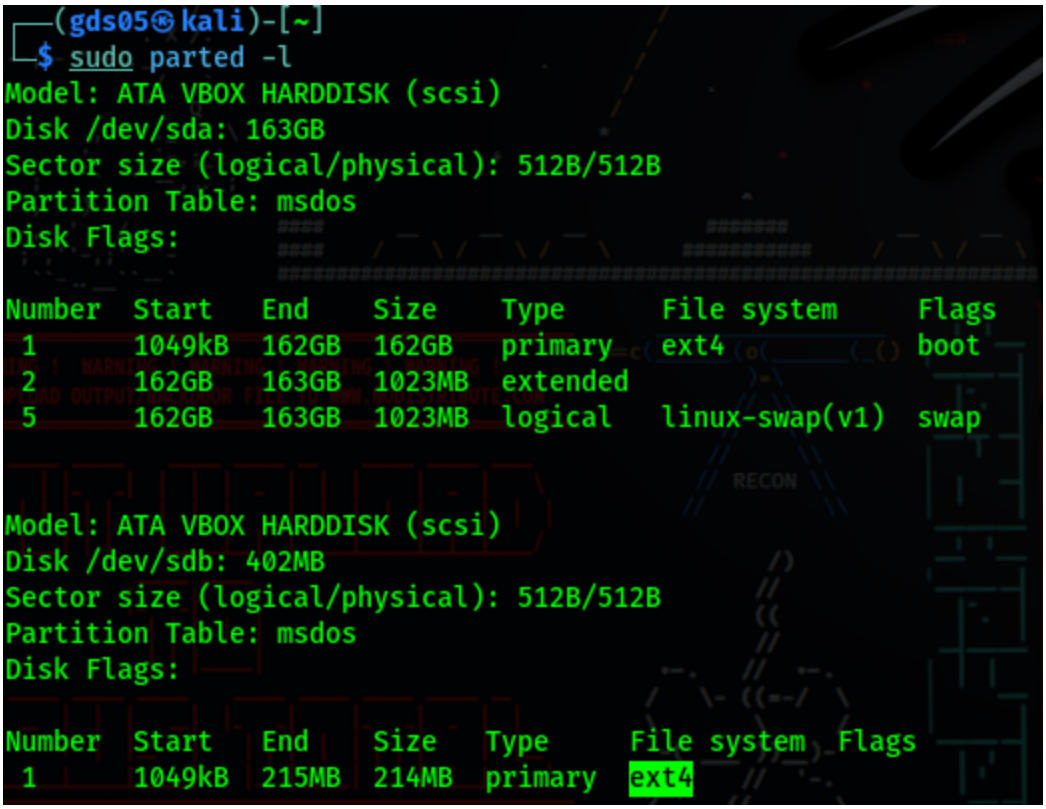


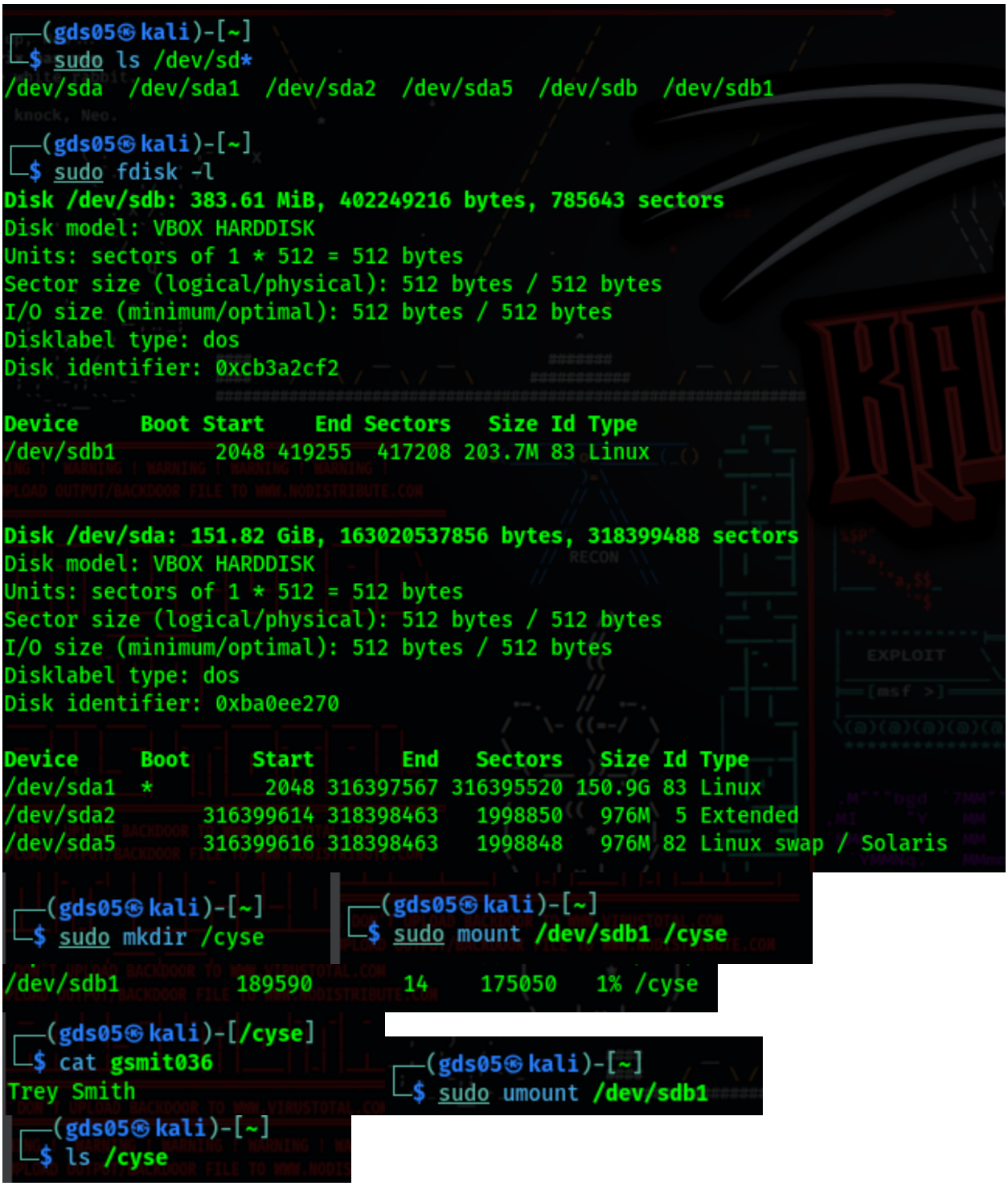

```
┌──(gds05㉿kali)-[~]
└─$ sudo fdisk /dev/sdb
[sudo] password for gds05:

Welcome to fdisk (util-linux 2.39.3).
Changes will remain in memory only, until you decide to write them.
Be careful before using the write command.

Device does not contain a recognized partition table.
Created a new DOS (MBR) disklabel with disk identifier 0xcb3a2cf2.

Command (m for help): n
Partition type
   p   primary (0 primary, 0 extended, 4 free)
   e   extended (container for logical partitions)
Select (default p):

Using default response p.
Partition number (1-4, default 1):
First sector (2048-419255, default 2048):
Last sector, +/-sectors or +/-size{K,M,G,T,P} (2048-419255, default 419255):

Created a new partition 1 of type 'Linux' and of size 203.7 MiB.

┌──(gds05㉿kali)-[~]
└─$ sudo ls /dev/sd*
/dev/sda  /dev/sda1  /dev/sda2  /dev/sda5  /dev/sdb  /dev/sdb1

Disk /dev/sdb: 204.71 MiB, 214659072 bytes, 419256 sectors
Disk model: VBOX HARDDISK
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0xcb3a2cf2

Device     Boot Start    End Sectors   Size Id Type
/dev/sdb1        2048 419255  417208 203.7M 83 Linux

┌──(gds05㉿kali)-[~]
└─$
```



Start of part 3


┌──(gds05㉿kali)-[~]
└─$ sudo fdisk /dev/sdb1
Welcome to fdisk (util-linux 2.39.3).
Changes will remain in memory only, until you decide to write
Be careful before using the write command.
Command (m for help): n
┌──(gds05㉿kali)-[~]
└─$ sudo mkfs.ext4 /dev/sdb1
mke2fs 1.47.0 (5-Feb-2023)
Found a dos partition table in /dev/sdb1
Proceed anyway? (y,N) y
Creating filesystem with 208604 1k blocks and 52208 inodes
Filesystem UUID: f927a735-16e4-4964-9e5f-4453c8da971c
Superblock backups stored on blocks:
8193, 24577, 40961, 57345, 73729, 204801
Allocating group tables: done
Writing inode tables: done
Creating journal (4096 blocks): done
Writing superblocks and filesystem accounting information: done
┌──(gds05㉿kali)-[~]
└─$ ls /dev/sd*
/dev/sda /dev/sda1 /dev/sda2 /dev/sda5 /dev/sdb /dev/sdb1


(gds05㉿kali)-[~]
$ sudo parted -l
Model: ATA VBOX HARDDISK (scsi)
Disk /dev/sda: 163GB
Sector size (logical/physical): 512B/512B
Partition Table: msdos
Disk Flags:
Number Start End Size Type File system Flags
1 1049kB 162GB 162GB primary ext4 boot
2 162GB 163GB 1023MB extended
5 162GB 163GB 1023MB logical linux-swap(v1) swap
Model: ATA VBOX HARDDISK (scsi)
Disk /dev/sdb: 402MB
Sector size (logical/physical): 512B/512B
Partition Table: msdos
Disk Flags:
Number Start End Size Type File system Flags
1 1049kB 215MB 214MB primary ext4


┌──(gds05㉿kali)-[~]
└─$ sudo ls /dev/sd*
/dev/sda /dev/sda1 /dev/sda2 /dev/sda5 /dev/sdb /dev/sdb1
┌──(gds05㉿kali)-[~]
└─$ sudo fdisk -l
Disk /dev/sdb: 383.61 MiB, 402249216 bytes, 785643 sectors
Disk model: VBOX HARDDISK
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0xcb3a2cf2
Device   Boot Start   End Sectors   Size Id Type
/dev/sdb1   2048 419255 417208 203.7M 83 Linux
Disk /dev/sda: 151.82 GiB, 163020537856 bytes, 318399488 sectors
Disk model: VBOX HARDDISK
Units: sectors of 1 * 512 = 512 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disklabel type: dos
Disk identifier: 0xba0ee270
Device   Boot   Start   End   Sectors   Size Id Type
/dev/sda1 *   2048 316397567 316395520 150.9G 83 Linux
/dev/sda2   316399614 318398463   1998850   976M 5 Extended
/dev/sda5   316399616 318398463   1998848   976M 82 Linux swap / Solaris
┌──(gds05㉿kali)-[~]
└─$ sudo mkdir /cyse
┌──(gds05㉿kali)-[~]
└─$ sudo mount /dev/sdb1 /cyse
/dev/sdb1   189590   14   175050   1% /cyse
┌──(gds05㉿kali)-[/cyse]
└─$ cat gsmit036
Trey Smith
┌──(gds05㉿kali)-[~]
└─$ sudo umount /dev/sdb1
┌──(gds05㉿kali)-[~]
└─$ ls /cyse