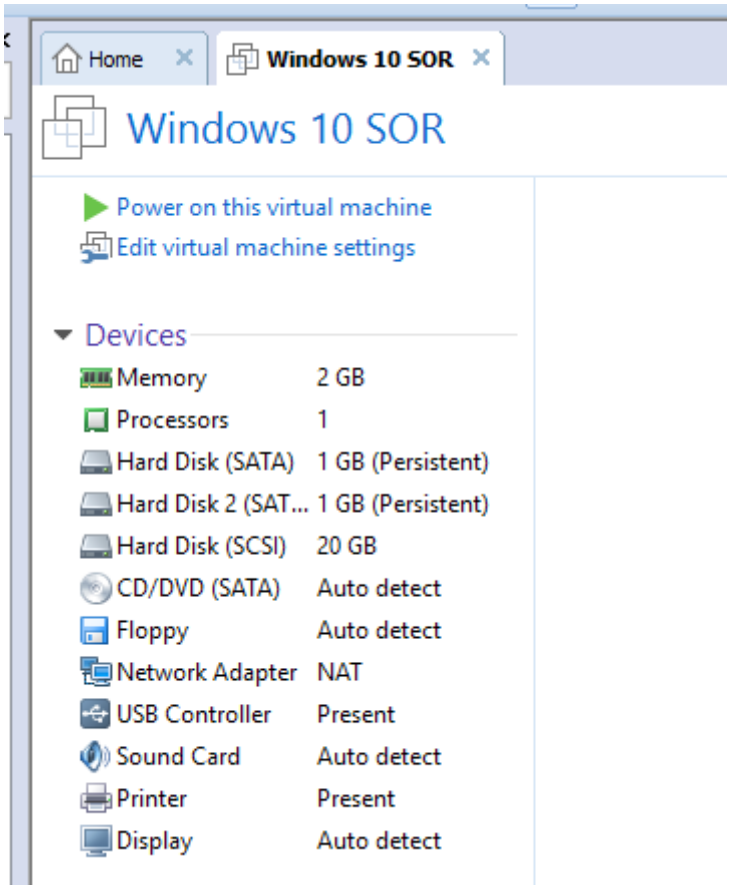
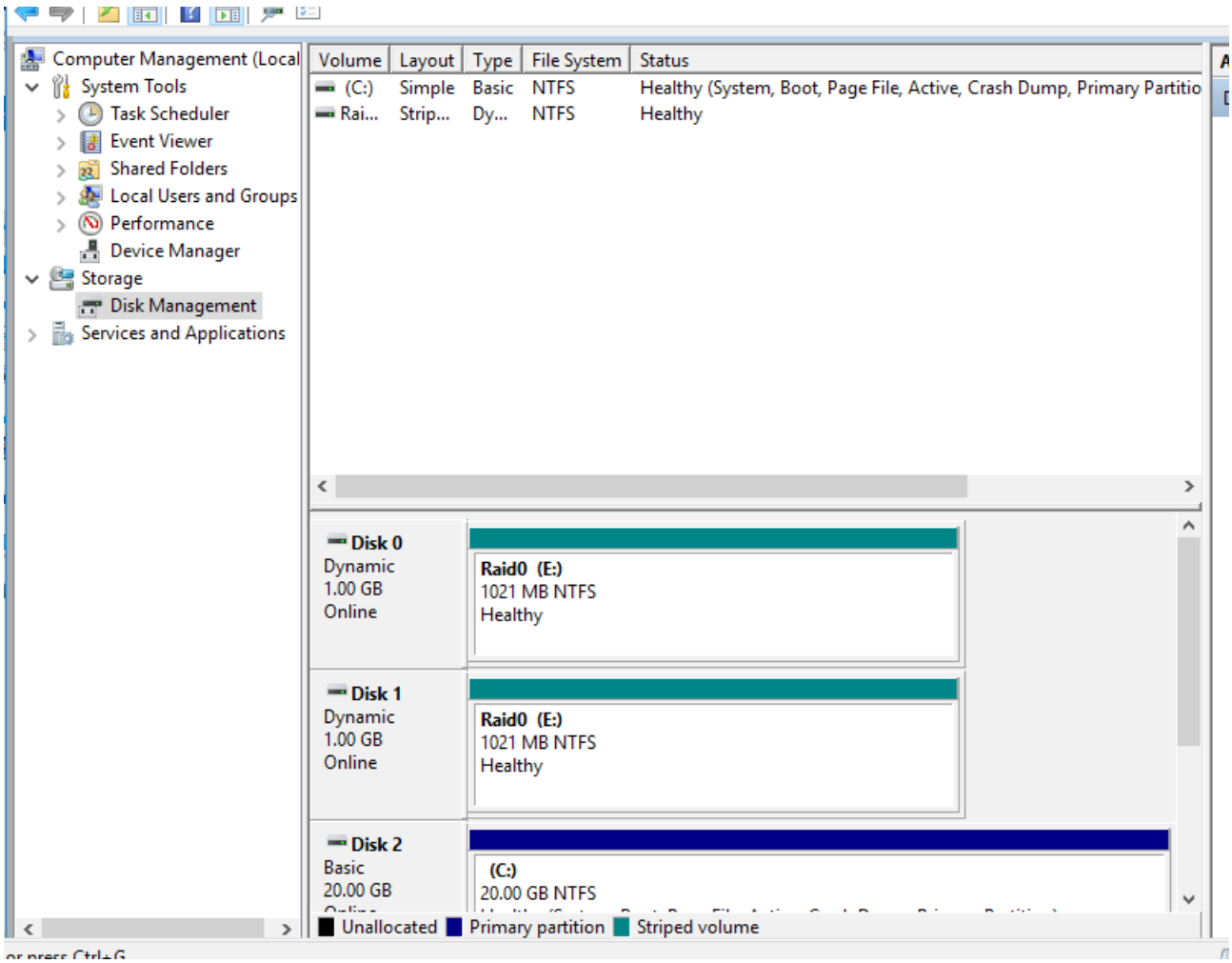
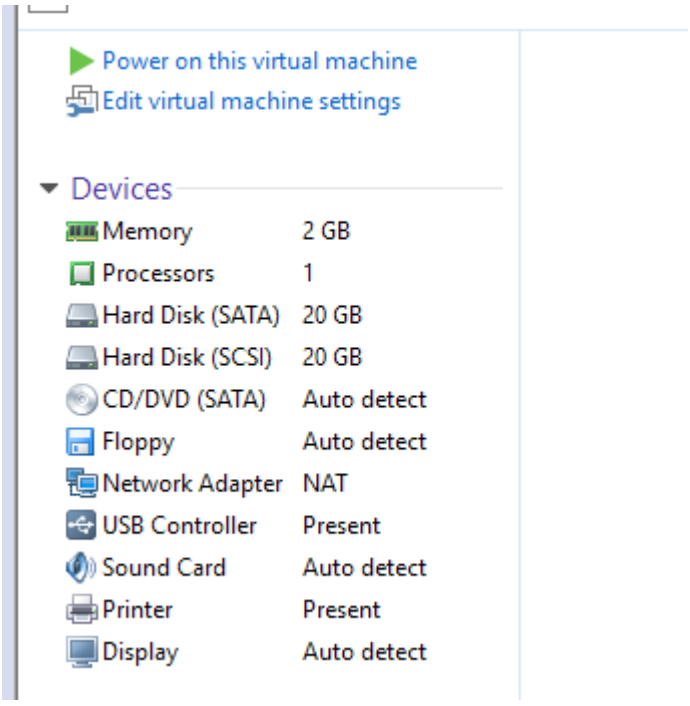
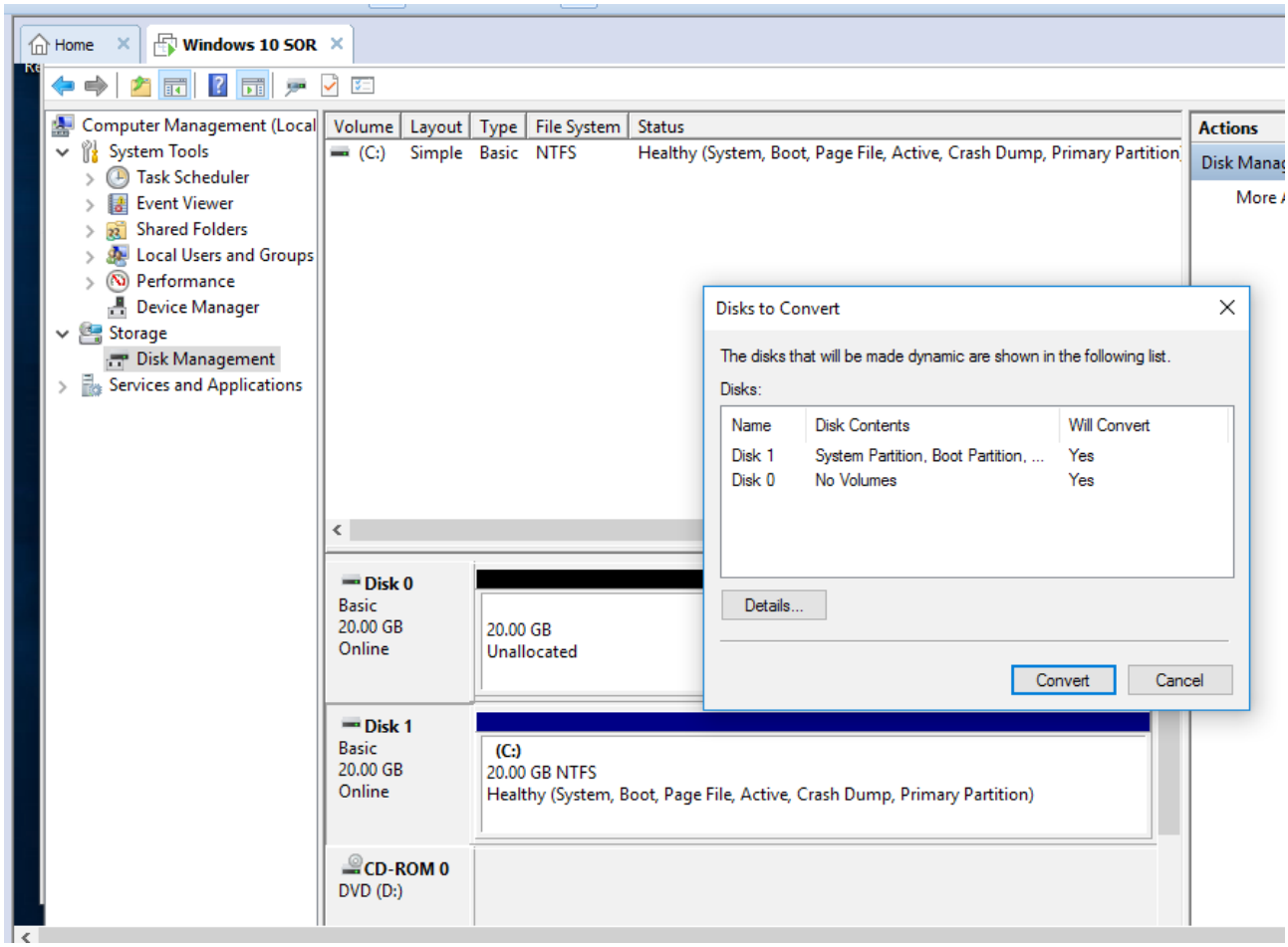
RAID 0


Home
Windows 10 SOR
Windows 10 SOR
Power on this virtual machine
Edit virtual machine settings
Devices
Memory 2 GB
Processors 1
Hard Disk (SATA) 1 GB (Persistent)
Hard Disk 2 (SAT... 1 GB (Persistent)
Hard Disk (SCSI) 20 GB
CD/DVD (SATA) Auto detect
Floppy Auto detect
Network Adapter NAT
USB Controller Present
Sound Card Auto detect
Printer Present
Display Auto detect

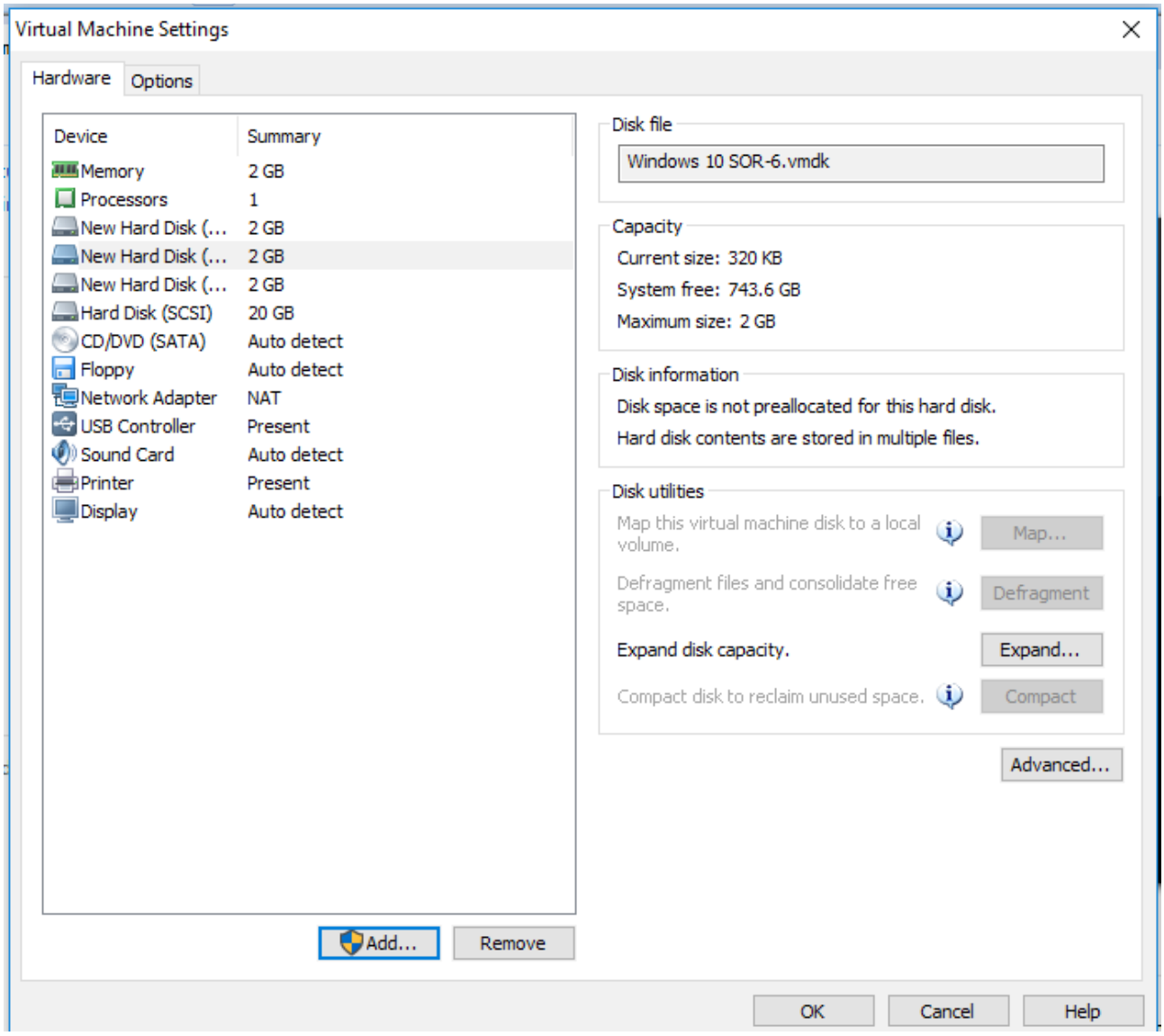

Computer Management (Local
System Tools
Task Scheduler
Event Viewer
Shared Folders
Local Users and Groups
Performance
Device Manager
Storage
Disk Management
Services and Applications
Volume
Layout
Type
File System
Status
(C:)
Simple
Basic
NTFS
Healthy (System, Boot, Page File, Active, Crash Dump, Primary Partitio
Rai...
Strip...
Dy...
NTFS
Healthy
Disk 0
Dynamic
1.00 GB
Online
Raid0 (E:)
1021 MB NTFS
Healthy
Disk 1
Dynamic
1.00 GB
Online
Raid0 (E:)
1021 MB NTFS
Healthy
Disk 2
Basic
20.00 GB
(C:)
20.00 GB NTFS
Unallocated
Primary partition
Striped volume

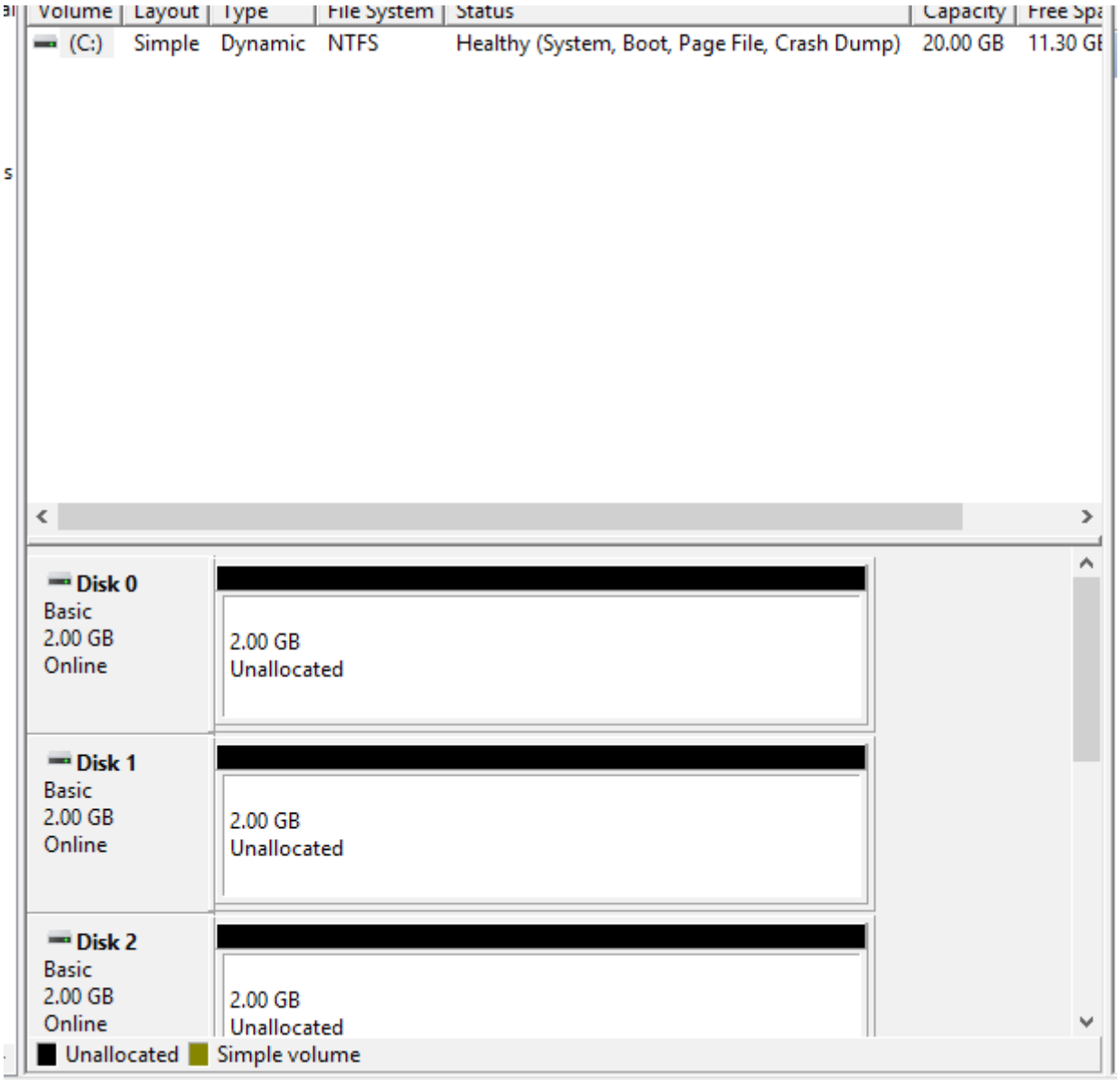
RAID 1


Power on this virtual machine
Edit virtual machine settings
Devices
Memory 2 GB
Processors 1
Hard Disk (SATA) 20 GB
Hard Disk (SCSI) 20 GB
CD/DVD (SATA) Auto detect
Floppy Auto detect
Network Adapter NAT
USB Controller Present
Sound Card Auto detect
Printer Present
Display Auto detect


Home
Windows 10 SOR
Computer Management (Local
System Tools
Task Scheduler
Event Viewer
Shared Folders
Local Users and Groups
Performance
Device Manager
Storage
Disk Management
Services and Applications
Volume
Layout
Type
File System
Status
(C:)
Simple
Basic
NTFS
Healthy (System, Boot, Page File, Active, Crash Dump, Primary Partition)
Actions
Disk Manag
More A
Disks to Convert
The disks that will be made dynamic are shown in the following list.
Disks:
Name
Disk Contents
Will Convert
Disk 1
System Partition, Boot Partition, ...
Yes
Disk 0
No Volumes
Yes
Details...
Convert
Cancel
Disk 0
Basic
20.00 GB
Online
20.00 GB
Unallocated
Disk 1
Basic
20.00 GB
Online
(C:)
20.00 GB NTFS
Healthy (System, Boot, Page File, Active, Crash Dump, Primary Partition)
CD-ROM 0
DVD (D:)

RAID 5


Virtual Machine Settings
Hardware
Options
Device
Summary
Memory
2 GB
Processors
1
New Hard Disk (...
2 GB
New Hard Disk (...
2 GB
New Hard Disk (...
2 GB
Hard Disk (SCSI)
20 GB
CD/DVD (SATA)
Auto detect
Floppy
Auto detect
Network Adapter
NAT
USB Controller
Present
Sound Card
Auto detect
Printer
Present
Display
Auto detect
Add...
Remove
Disk file
Windows 10 SOR-6.vmdk
Capacity
Current size: 320 KB
System free: 743.6 GB
Maximum size: 2 GB
Disk information
Disk space is not preallocated for this hard disk.
Hard disk contents are stored in multiple files.
Disk utilities
Map this virtual machine disk to a local volume.
Map...
Defragment files and consolidate free space.
Defragment
Expand disk capacity.
Expand...
Compact disk to reclaim unused space.
Compact
Advanced...
OK
Cancel
Help



He tenido problemas para hacer el Raid 1 y Raid 5, por eso no he podido enseñarte los ultimos pasos.
Después de probar con varios discos, y haciendo lo que me dijiste, seguía sin dejarme por algun motivo.

RAID 1 EN LINUX

```
LibreOffice Impress
Start      End  Sectors Size Id Type
/dev/sda1   *        2048 37750783 37748736  18G 83 Linux
/dev/sda2        37752830 41940991  4188162   2G  5 Extended
/dev/sda5        37752832 41940991  4188160   2G 82 Linux swap / Solaris
```

```
root@ubuntu:/home/yo# mdadm --create /dev/md0 --raid-devices=2 /dev/sdb /dev/sdc
 --level=raid1
mdadm: Note: this array has metadata at the start and
    may not be suitable as a boot device.  If you plan to
    store '/boot' on this device please ensure that
    your boot-loader understands md/v1.x metadata, or use
    --metadata=0.90
Continue creating array? y
mdadm: Defaulting to version 1.2 metadata
mdadm: array /dev/md0 started.
root@ubuntu:/home/yo#
```

```
Welcome to fdisk (util-linux 2.27.1).
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 disklabel with disk identifier 0xf5622f18.

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): 1
First sector (2048-2095103, default 2048):
Last sector, +sectors or +size{K,M,G,T,P} (2048-2095103, default 2095103):

Created a new partition 1 of type 'Linux' and of size 1022 MiB.

Command (m for help): w
The partition table has been altered.
to re-read partition table.
Ubuntu Software
```

```
root@ubuntu:/home/yo# dd if=/dev/zero of=/mnt/raid1/fichero bs=512 count=100000
100000+0 records in
100000+0 records out
51200000 bytes (51 MB, 49 MiB) copied, 0.441258 s, 116 MB/s
```

```
root@ubuntu:/home/yo# ls -1 /mnt/raid1
fichero
lost+found
```

```
root@ubuntu:/home/yo# mdadm /dev/md0 --fail /dev/sdb
mdadm: set /dev/sdb faulty in /dev/md0
root@ubuntu:/home/yo# cat /proc/mdstat
Personalities : [linear] [multipath] [raid0] [raid1] [raid6] [raid5] [raid4] [ra
id10]
md0 : active raid1 sdc[1] sdb[0](F)
      1047552 blocks super 1.2 [2/1] [_U]

unused devices: <none>
root@ubuntu:/home/yo# mdadm /dev/md0 --remove /dev/sdb
mdadm: hot removed /dev/sdb from /dev/md0
root@ubuntu:/home/yo# cat /proc/mdstat
Personalities : [linear] [multipath] [raid0] [raid1] [raid6] [raid5] [raid4] [ra
id10]
md0 : active raid1 sdc[1]
      1047552 blocks super 1.2 [2/1] [_U]

unused devices: <none>
root@ubuntu:/home/yo#
```

```
root@ubuntu: /home/yo
root@ubuntu:/home/yo# mdadm --zero-superblock /dev/sdb
root@ubuntu:/home/yo# mdadm /dev/md0 --add /dev/sdb
mdadm: added /dev/sdb
root@ubuntu:/home/yo# mdadm /dev/md0 --stop
mdadm: No action given for /dev/md0 in --misc mode
       Action options must come before device names
root@ubuntu:/home/yo# mdadm --assemble --scan
mdadm: No arrays found in config file or automatically
root@ubuntu:/home/yo#
```

RAID 0 EN LINUX

```
root@ubuntu: /home/yo
root@ubuntu:/home/yo# mdadm --create /dev/md0 --raid-devices=2 /dev/sdb /dev/sdc
 --level=raid0
mdadm: Defaulting to version 1.2 metadata
mdadm: array /dev/md0 started.
root@ubuntu:/home/yo#
```

RAID 5 EN LINUX

```
root@ubuntu:/home/yo# mdadm --create /dev/md0 --raid-devices=3 /dev/sdb /dev/sdc
/dev/sdd --level=raid5
```