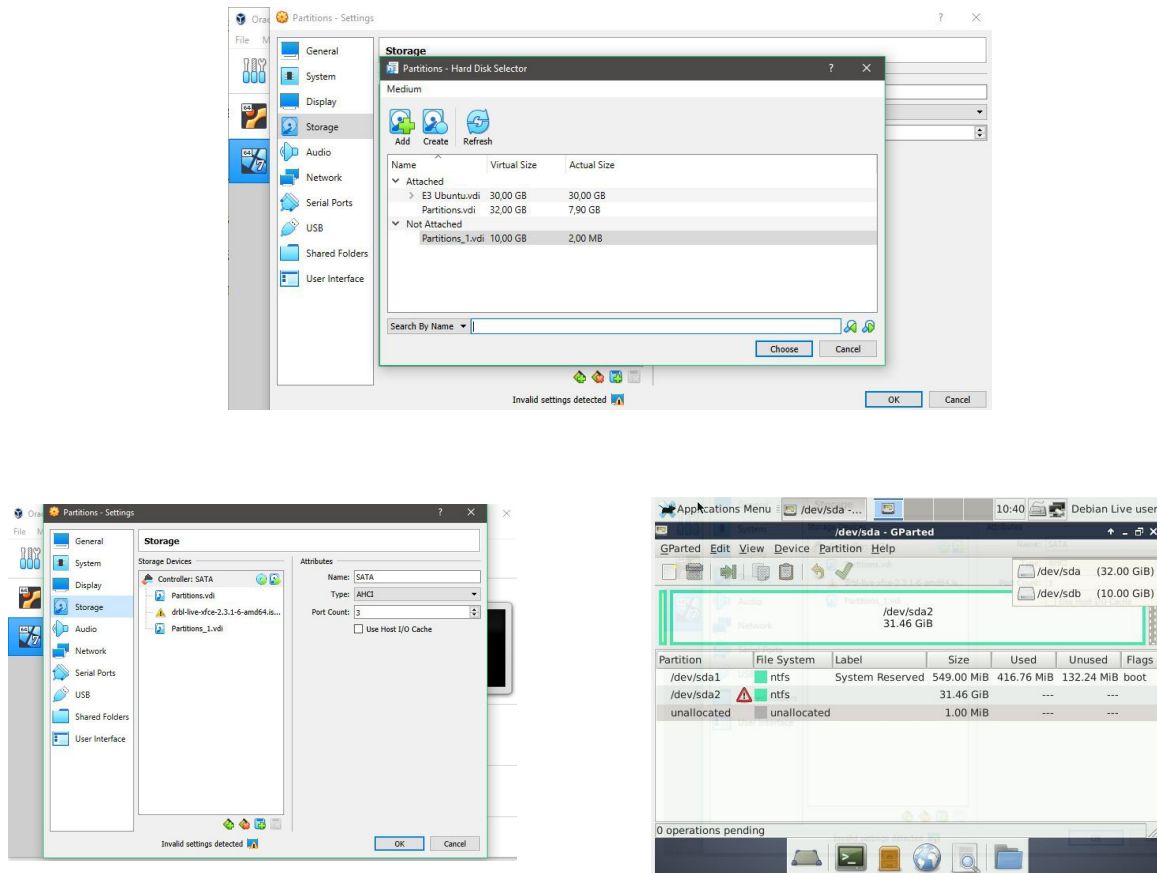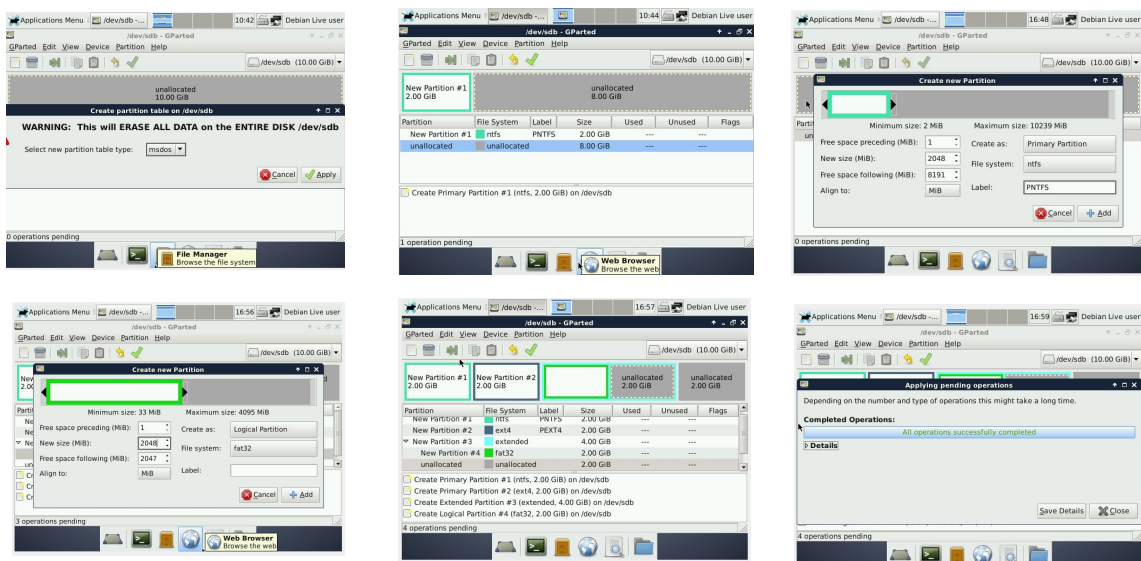# G-PARTED
EXCERCISE 1.-

First, let us create a new hard disk for the virtual machine.
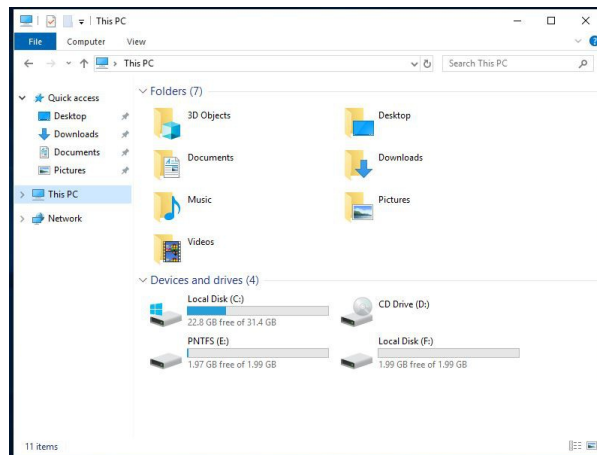

Then, we are going to create the following partitions:

• A NTFS primary partition of 2GB called PNTFS.
• An EXT4 primary partition of 2GB called PEXT4.
 • An extended partition of 4GB.
• A logical partition of 2GB called PFAT32.

Now open Disk Management in Windows.

1. **Why is the file system not showed in the second partition?**

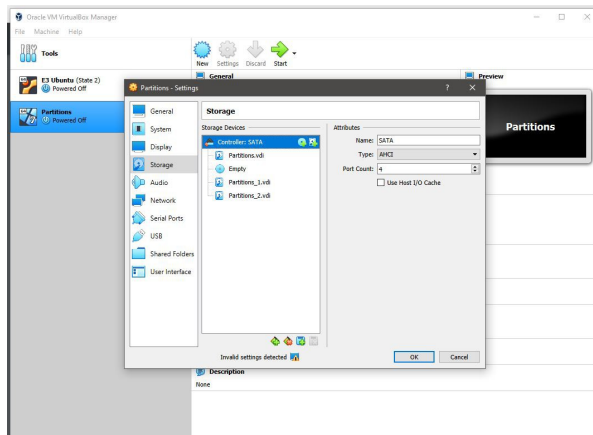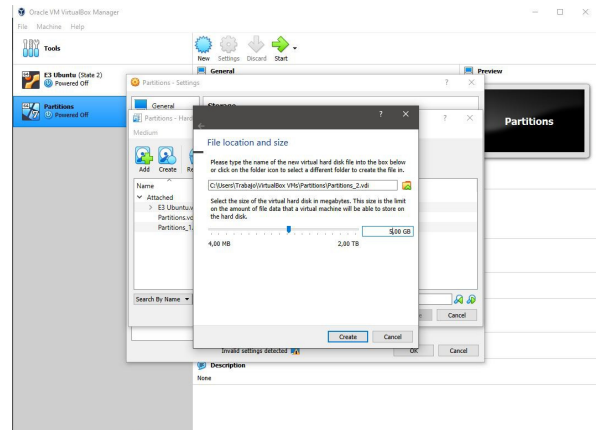   Because it is a file system not recognised by Windows.

2. **If you had to create a new partition to store 2 GB data, where would you put the partition in? Which file system should you use? Justify your answer**

   I would use any of the "Unalocated" or "Free space" spaces.
   For using it in Windows, I would use NTFS file system
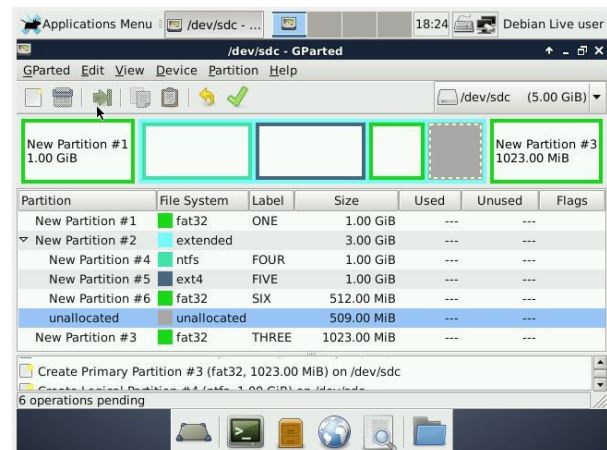
EXCERCISE 2

Create a new disk of 5GB in the same Windows virtual machine. Now, configure the partitions with GParted to get the result in the excercise

CREATING NEW 5GB HARD DISK →

← HERE, IT SHOWS THE DIFFERENT DISKS AND THEIR NAMES

I DIDN´T TAKE SCREENSHOTS OF THE PROCCESS OF MAKING THE PARTITIONS, SINCE IT´S SHOWED IN THE PREVIOS EXCERCISE →

Answer the following questions

1. **How does GParted name the new hard disk?**

    /dev/sdc (we already have /dev/sdb in the last exercise)

2. List all the partitions you have created, indicating type and file system

1 – ONE – Primary partition – FAT32

2 – TWO – Extended partition – (file system in logical partitions)

2.1 – FOUR – Logical partition – NTFS
2.2 – FIVE – Logical partition – EXT4
2.3 – SIX – Logical partition – FAT32

3 – THREE- Primary partition – FAT 32