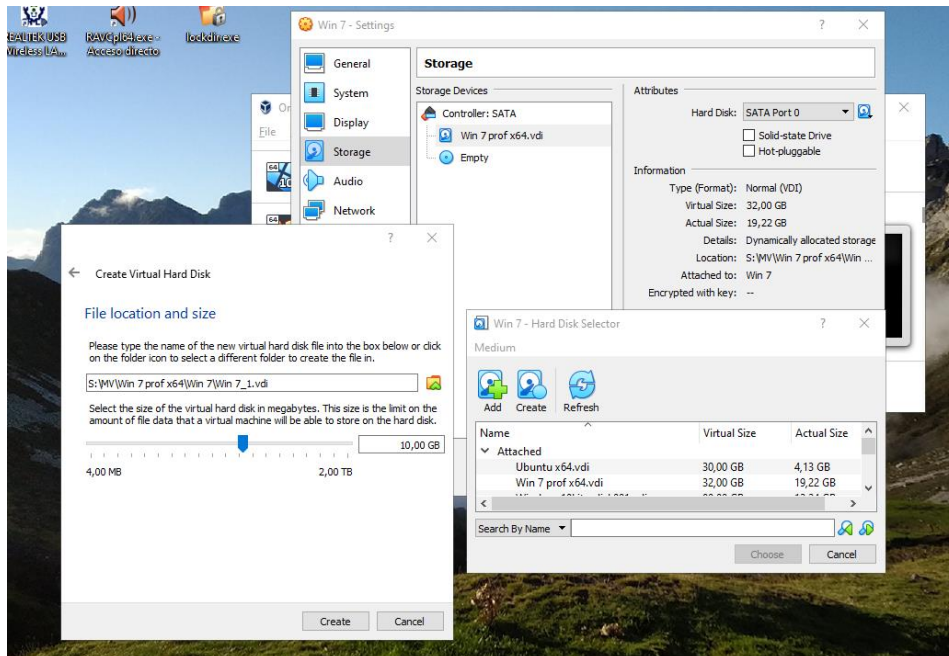


First, let us create a new hard disk for the virtual machine. Then, we are going to create the following partitions:

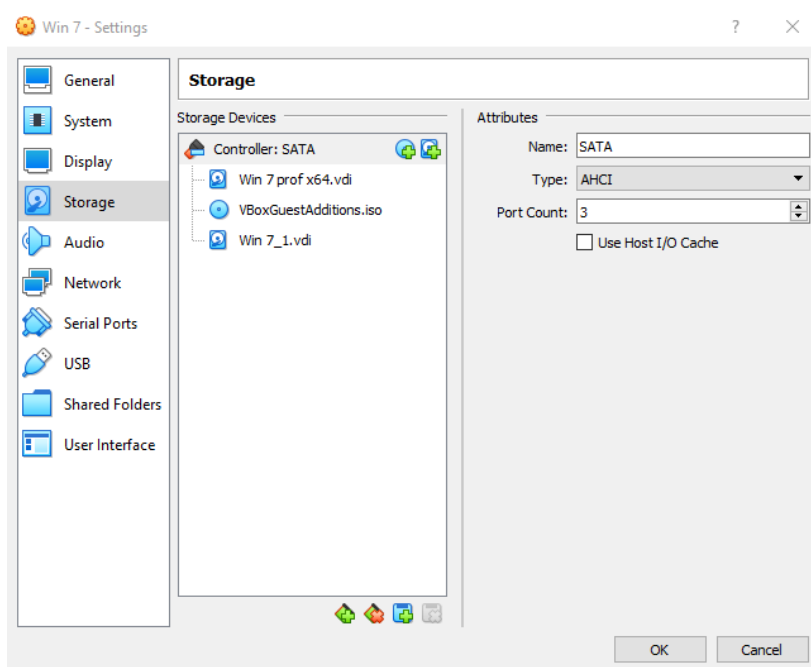
- A NTFS primary partition of 2GB called PNTFS.
- An EXT4 primary partition of 2GB called PEXT4.
- An extended partition of 4GB.
- A logical partition of 2GB called PFAT32.

Now open Disk Management in Windows. You should have a configuration just like in the picture below.

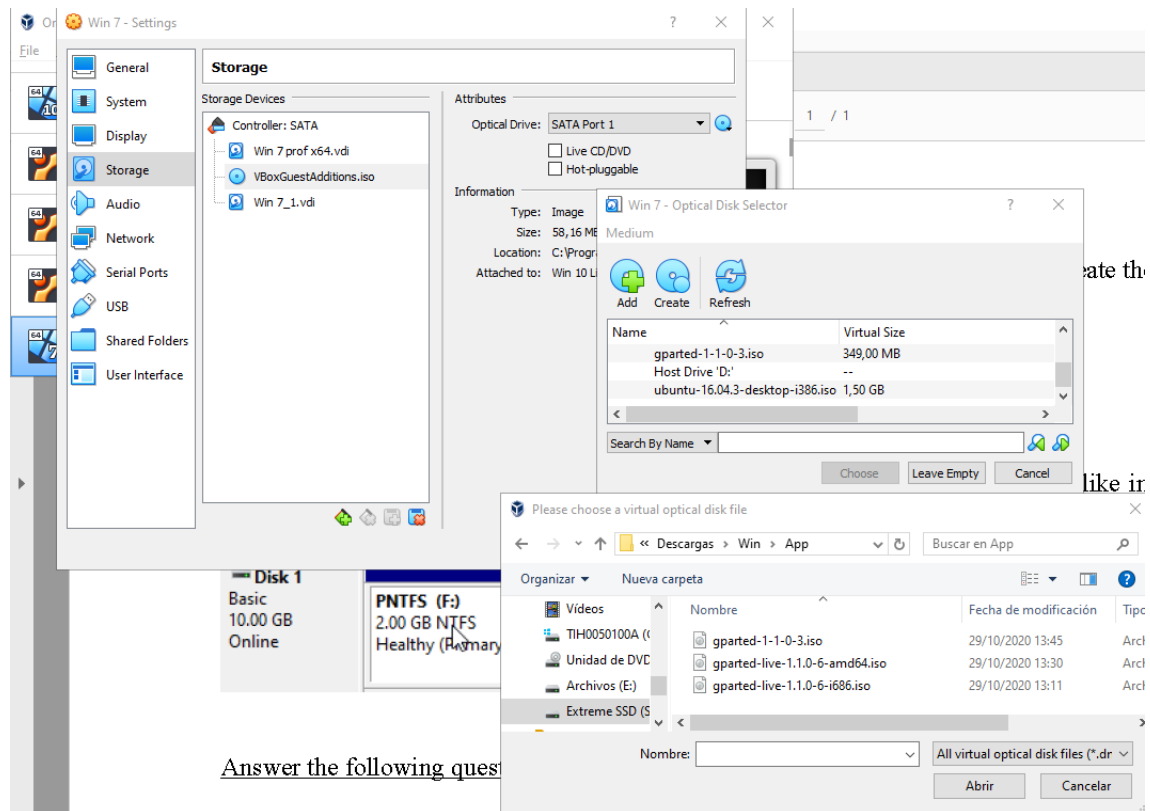
Creating a new virtual disk (vdi) on my already existing Win 7 virtual machine



New disk (7.1) is here



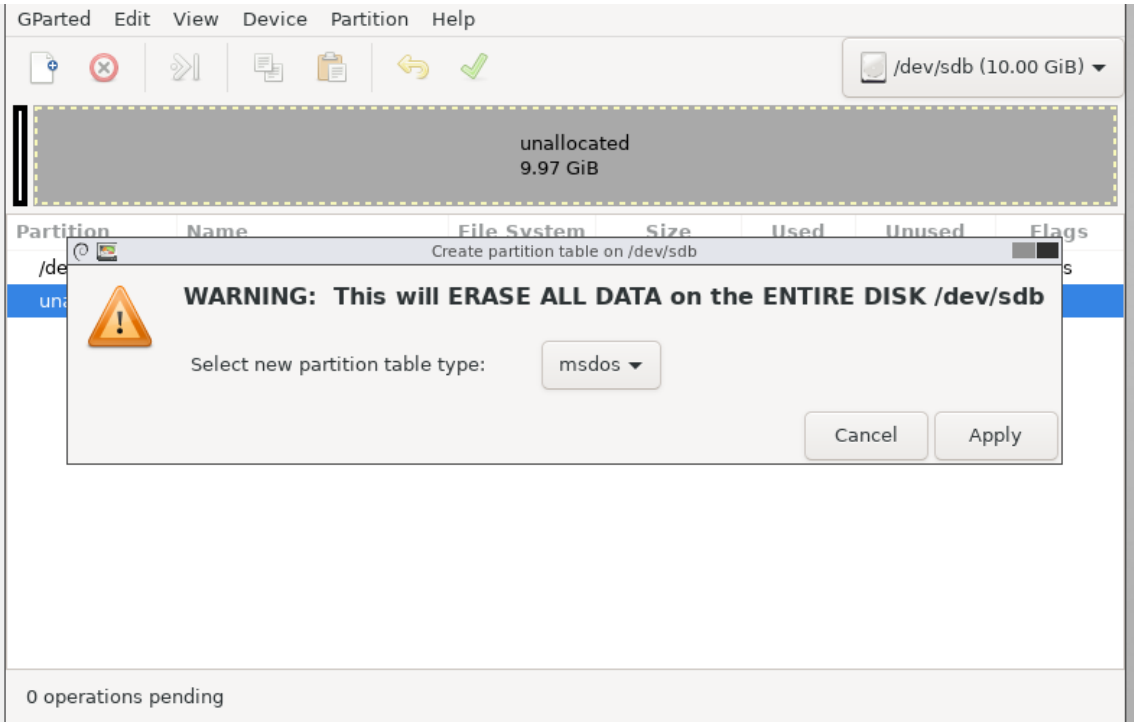
Adding Gparted as a new virtual optical drive



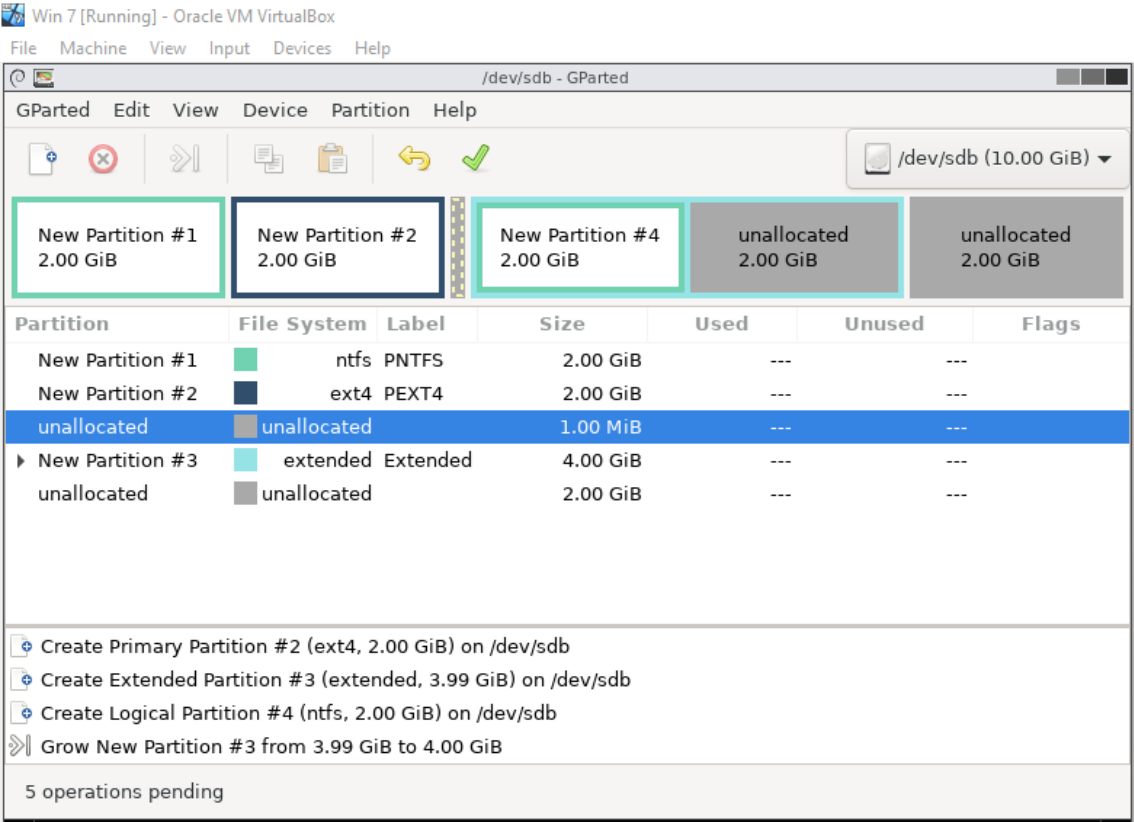
Installing Gparted



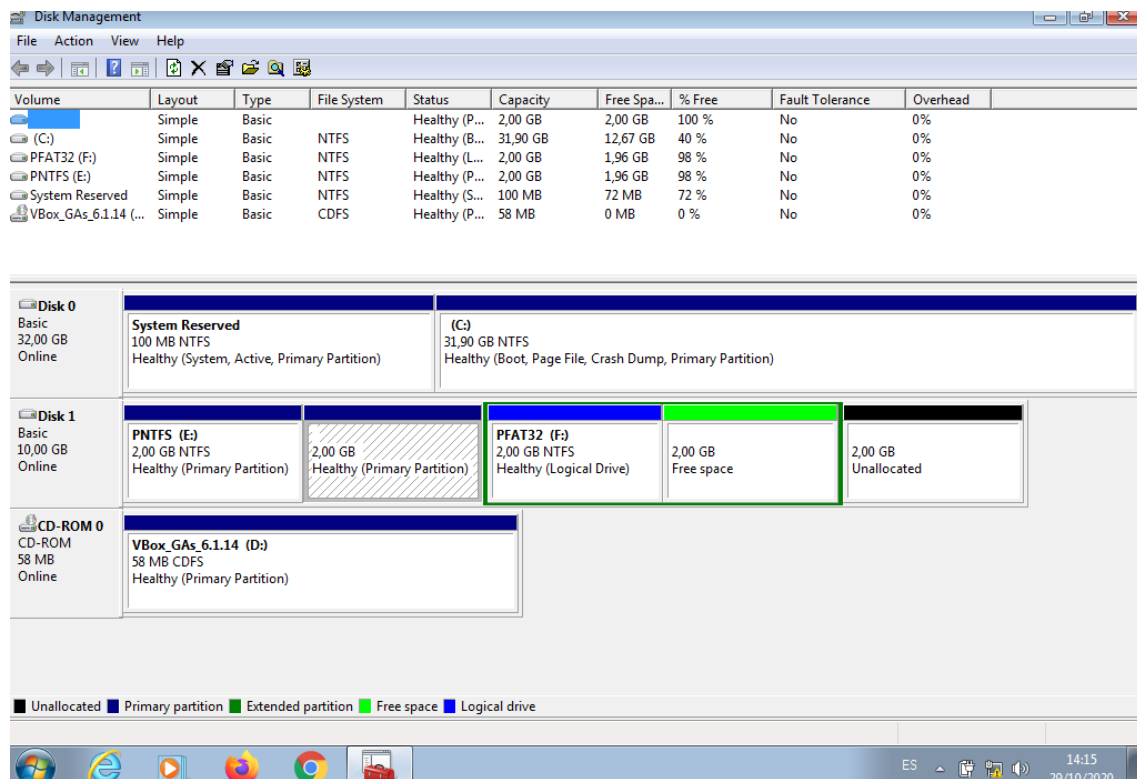
Creating a partition table



All set before applying operation



Final results on Windows display



Answer the following questions

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

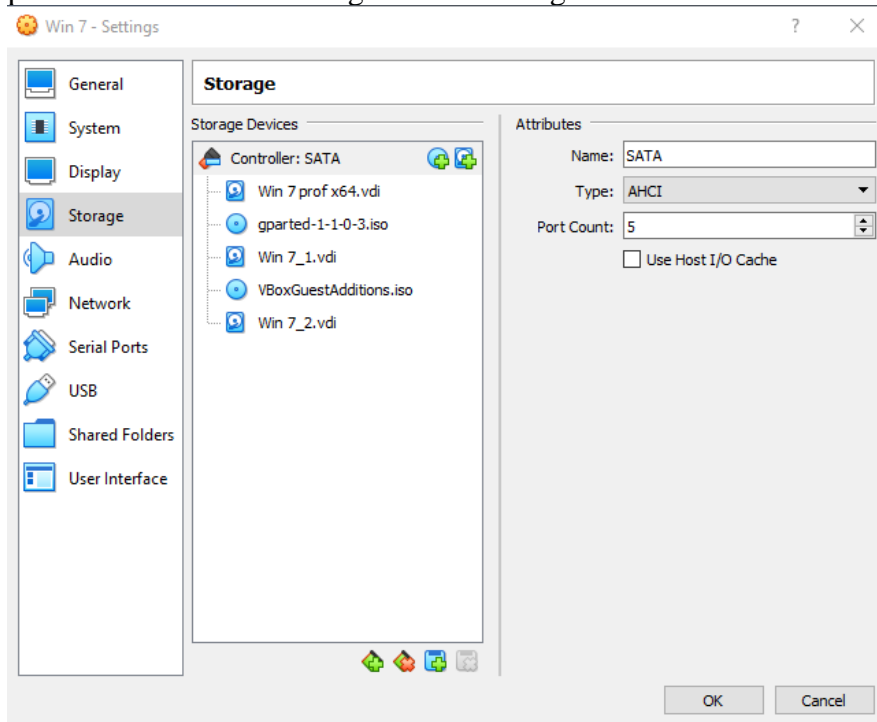
Because Windows cannot recognize it since its type is EXT4 (commonly used for Linux OS).

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.

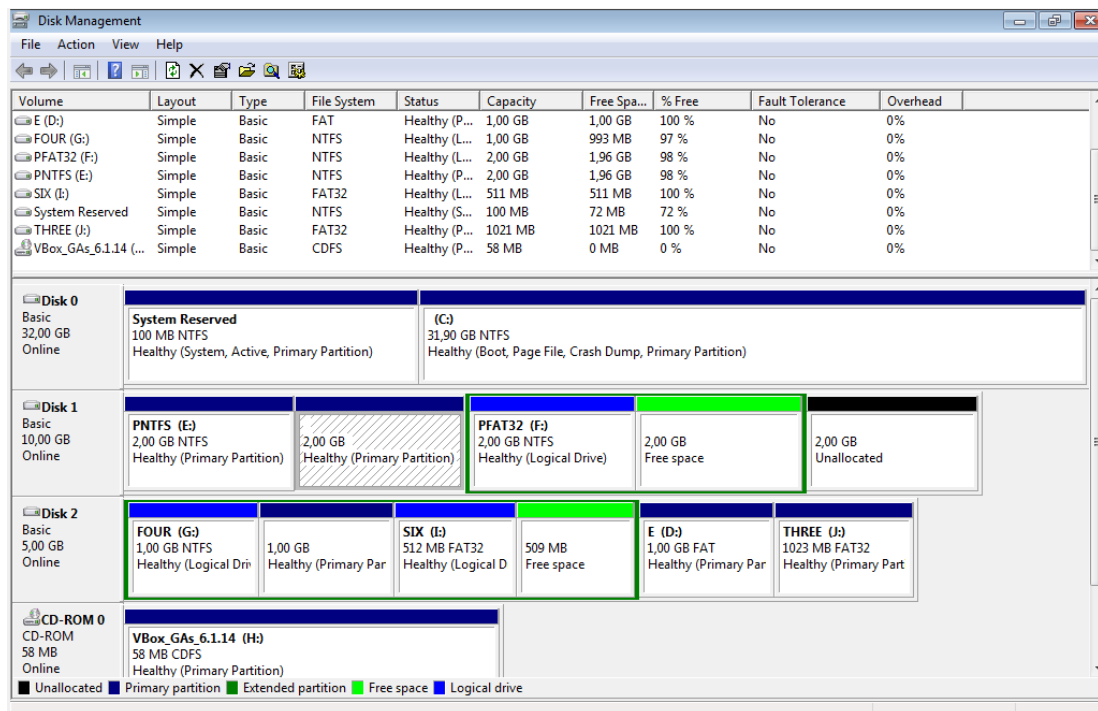
At the end, in the unallocated 2GB space. Main reason is because it is empty.

Exercise 2

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



Final result on Windows display



Answer the following questions

1. How does GParted name the new hard disk?

Disk 2.

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

Please, kindly check the picture above (disk 2).