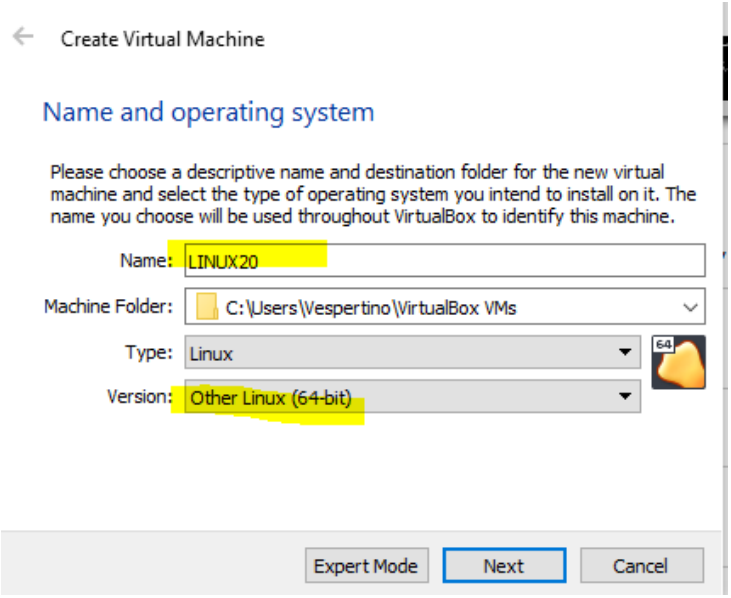
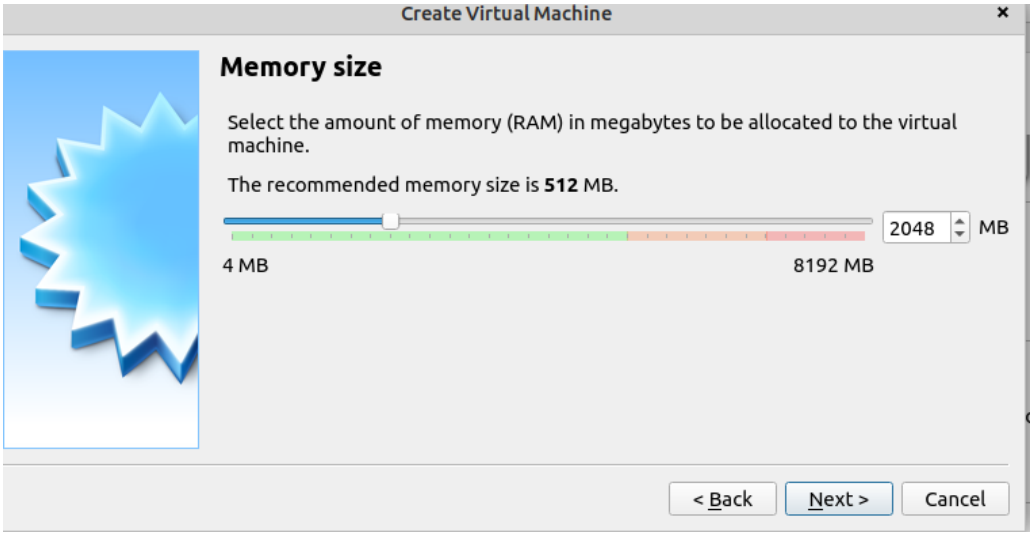
3. Create another 64-bits virtual machine and install Ubuntu 16.04. The virtual machine must meet the following requirements:
• 2 GB of RAM memory.
• Just one disk of 30 GB.
• A shared folder to an external disk.
• Internet connection.
• You will be able to copy and paste from the host to the guest and vice versa.

WE ARE GOING TO CREATE A VIRTUAL MACHINE WHICH WILL HAS INSTALLED UBUNTU 20

1. NAME: LINUX20 AND HAS 64Bit

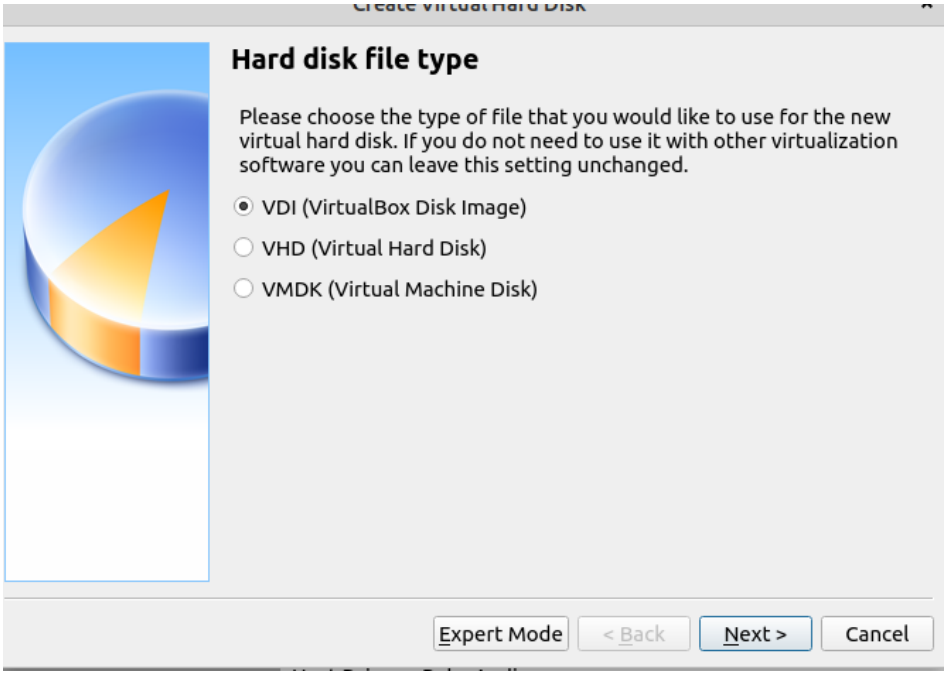


2. HAS THE EXERCISE SAY WE ARE PUTTING 2GB

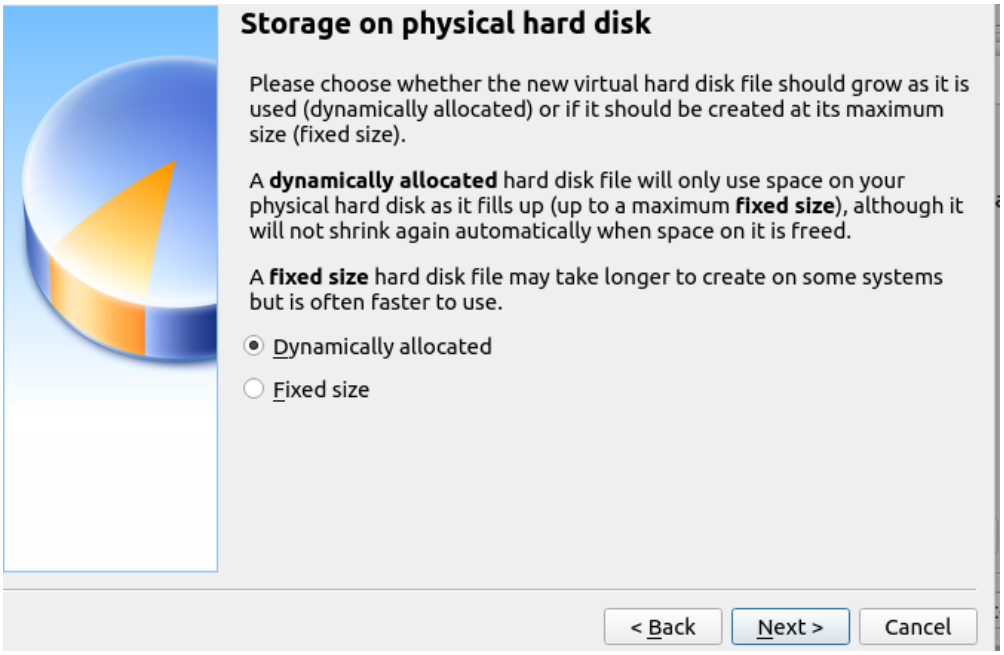


3. WE CREATE A VIRTUAL HARD DISK NOW

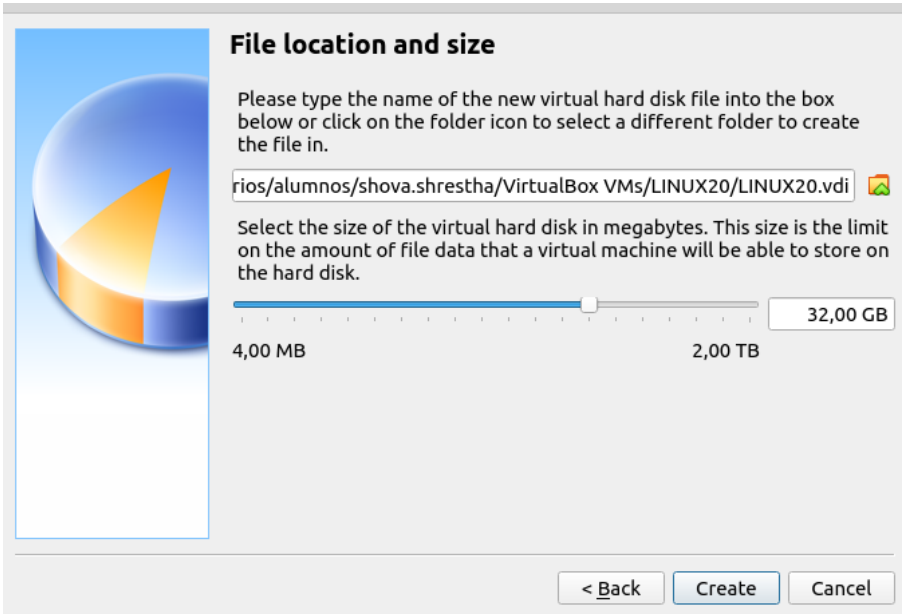
4. THE TYPE OF FILE WILL BE AN HARD DISK IMAGE.



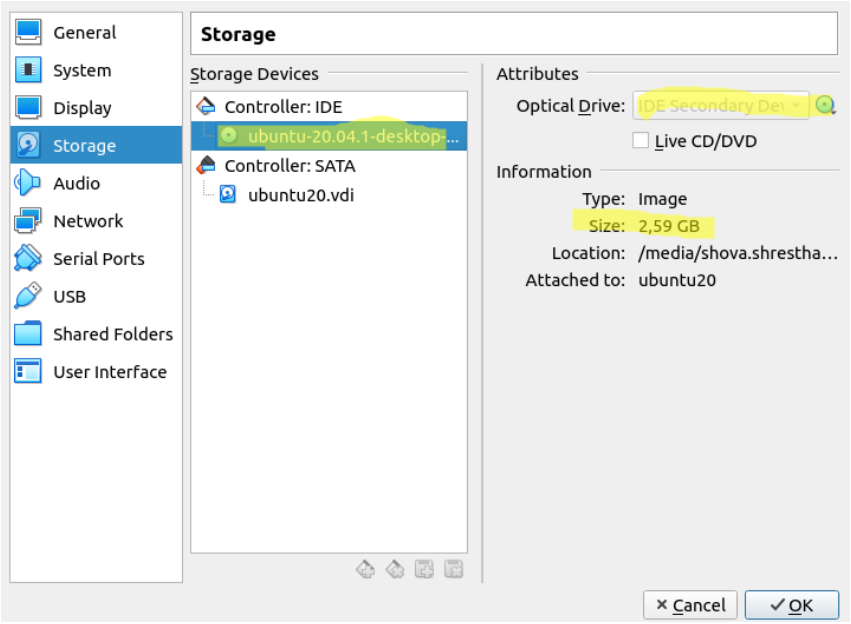
5. THE STORAGE WILL BE DYNAMICALLY



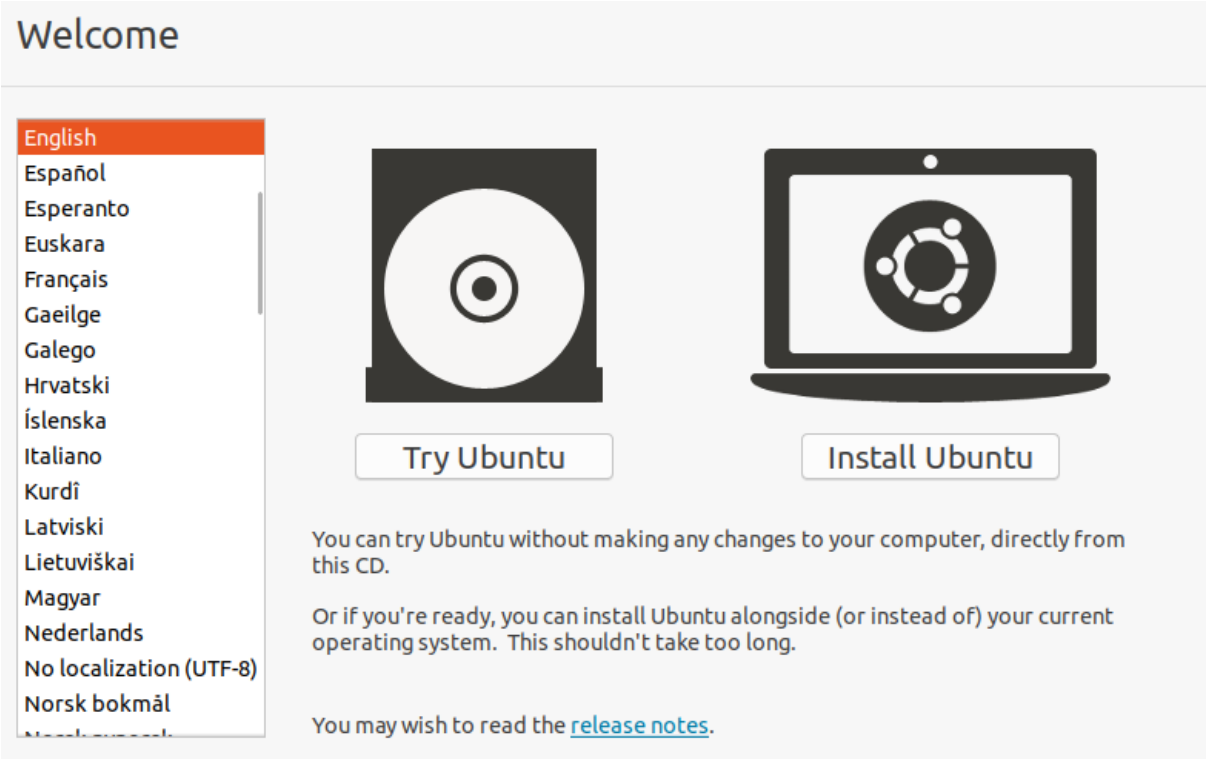
6. AS IT WAS ASKED WE ARE GIVING TO THE MACHINE 30GB.



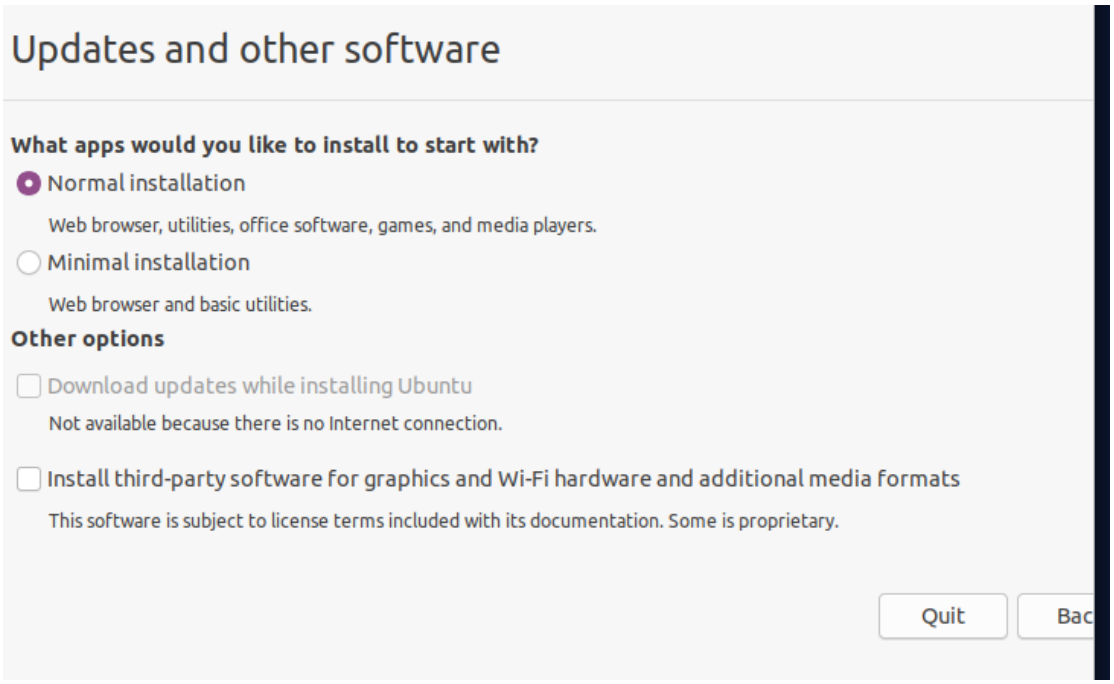
NOW THAT WE HAVE THE VIRTUAL MACHINE READY WE NEED TO PUT THE ISO UBUNTU, AS WE CAN SEE IT'S UBUNTU 20.04.1



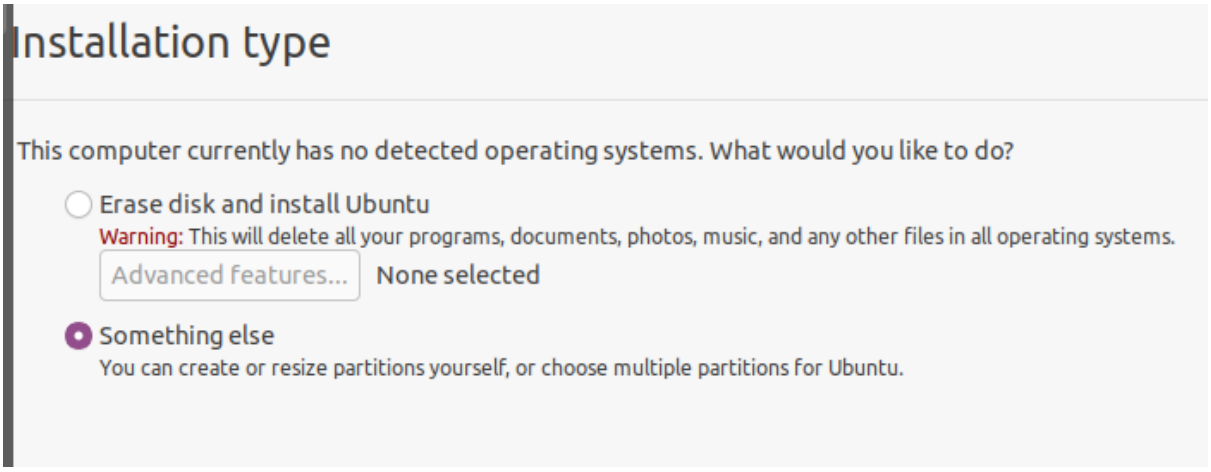
START THE MACHINE, IT WILL APPEAR THIS TAB, WE ARE GOING TO CHOOSE THE LIVE CD, AFTER THAT IT WILL ASK US ABOUT LANGUAGE AND THE KEYBOARD, CHOOSE SPANISH.



IN THIS CASE THIS MACHINE WE ARE NOT USING MUCH SO WE CHOOSE THE MINIMAL INSTALLATION.



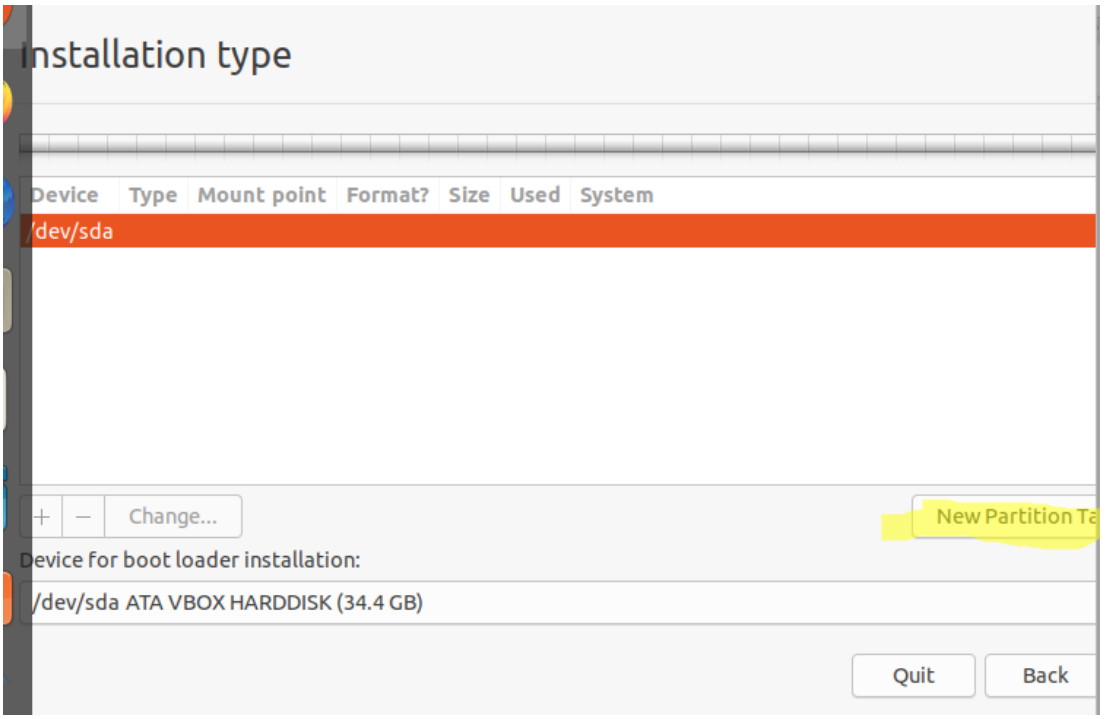
WE ARE GOING TO CREATE OUR OWN PARTITIONS.
DESCRIPTION: “When referring to a computer hard drive, a **disk partition** or **partition** is a section of the hard drive that is separated from other segments. Partitions enable users to divide a physical disk into logical sections.”



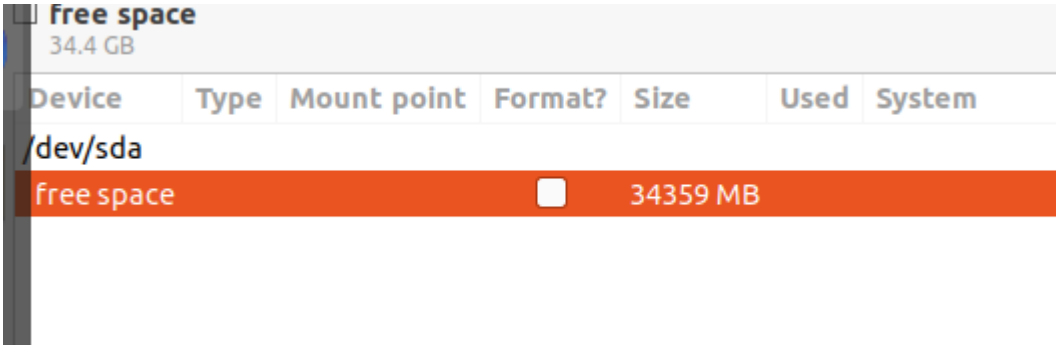
1**. Root (/):** At least 10 GB, although the more gigabytes the better to reserve space for software and system updates.
2. Swap area: Equals or twice the RAM. VIRTUAL MEMORY

However, it is also recommended to reserve space for:
3. Bootloader (/boot): Approximately 1 GB
4. User data (/home): It depends on the number of users you want to create. Between 5-10 GB or even more.

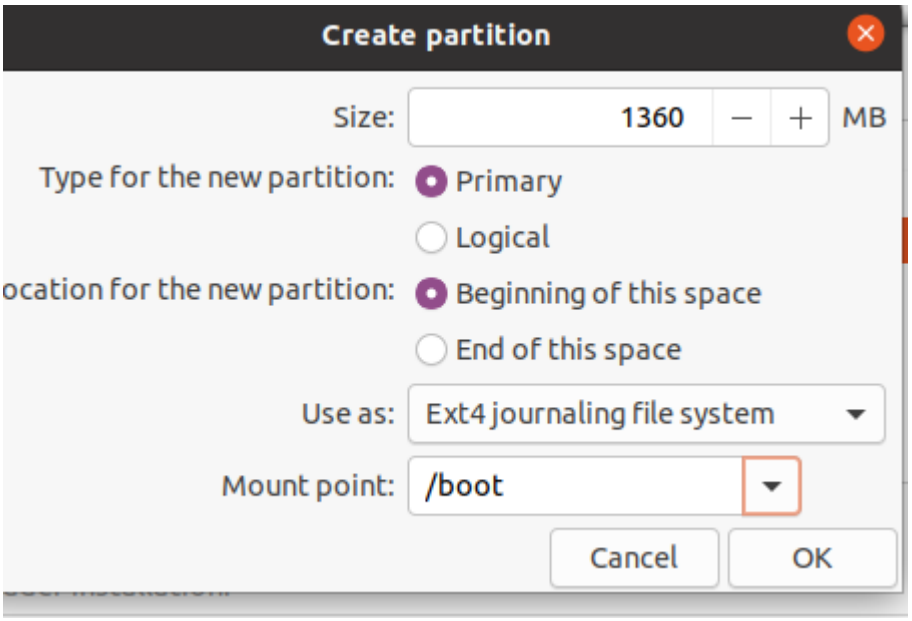
TO START WITH PARTITIONS WE NEED TO CREATE A PARTITION TABLE SO WE NEED TO CLICK IN THE BOTON NEW PARTITION TABLE.



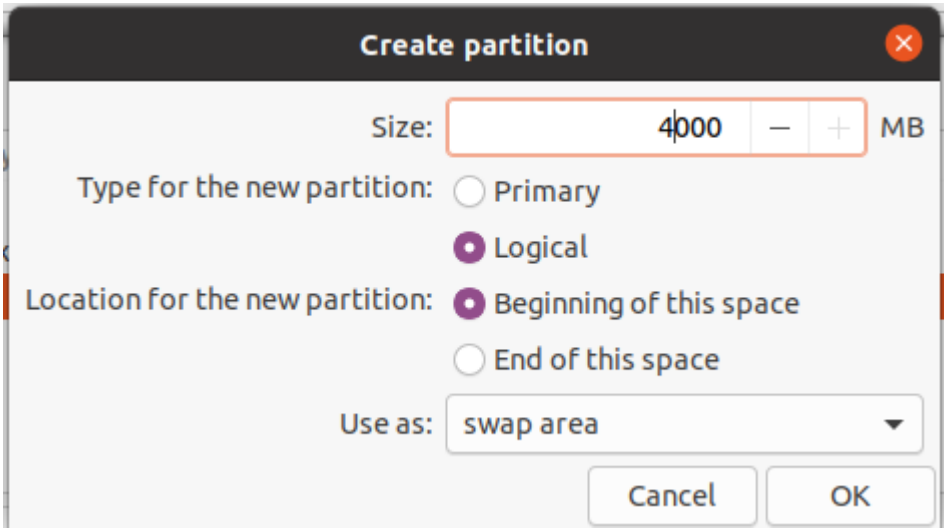
NOW WE CAN MAKE THE PARTITIONS, WE CLICK WHERE IT'S FREE SPACE RIGHT CLICK IN THE MAOUS IT WILL APPEAR ADD WE CLICK IN IT AND LET US DO THE PARTITIONS ROOT, BOOT, SWAP,HOME.



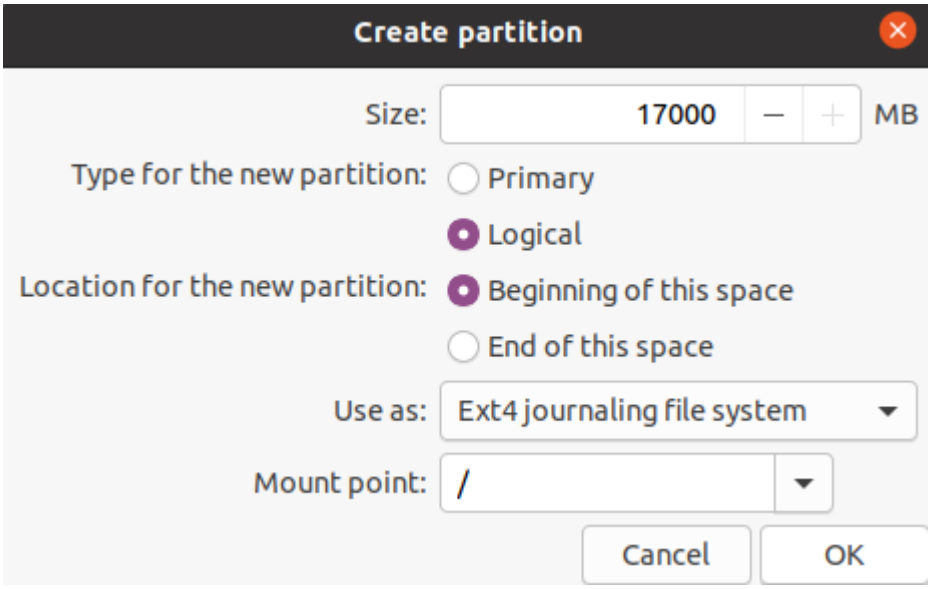
THE BOOT ONE IT WILL BE PRIMARY PARTITION 1GB



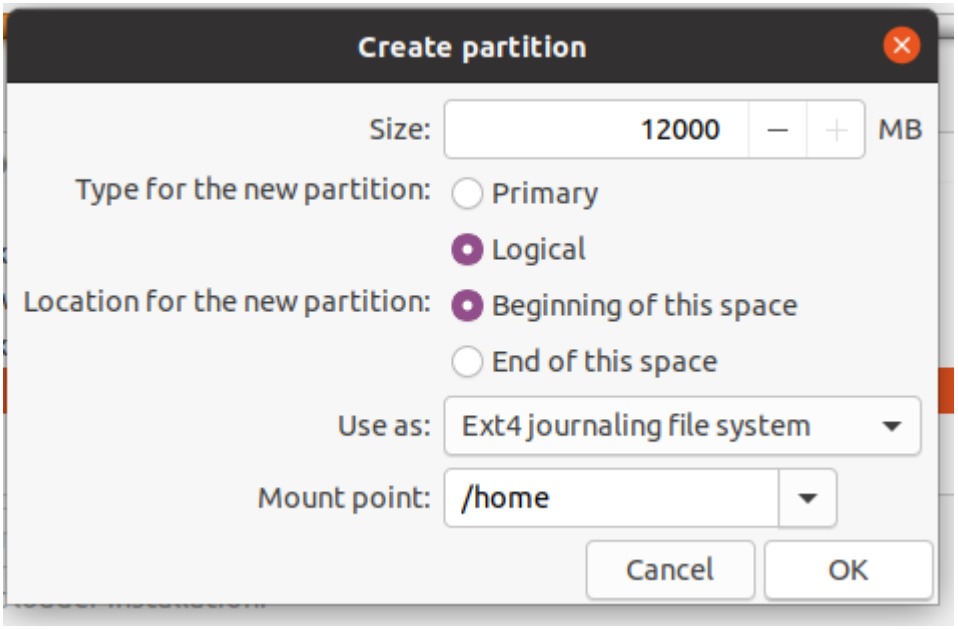
SWAP AREA LOGICAL 4GB



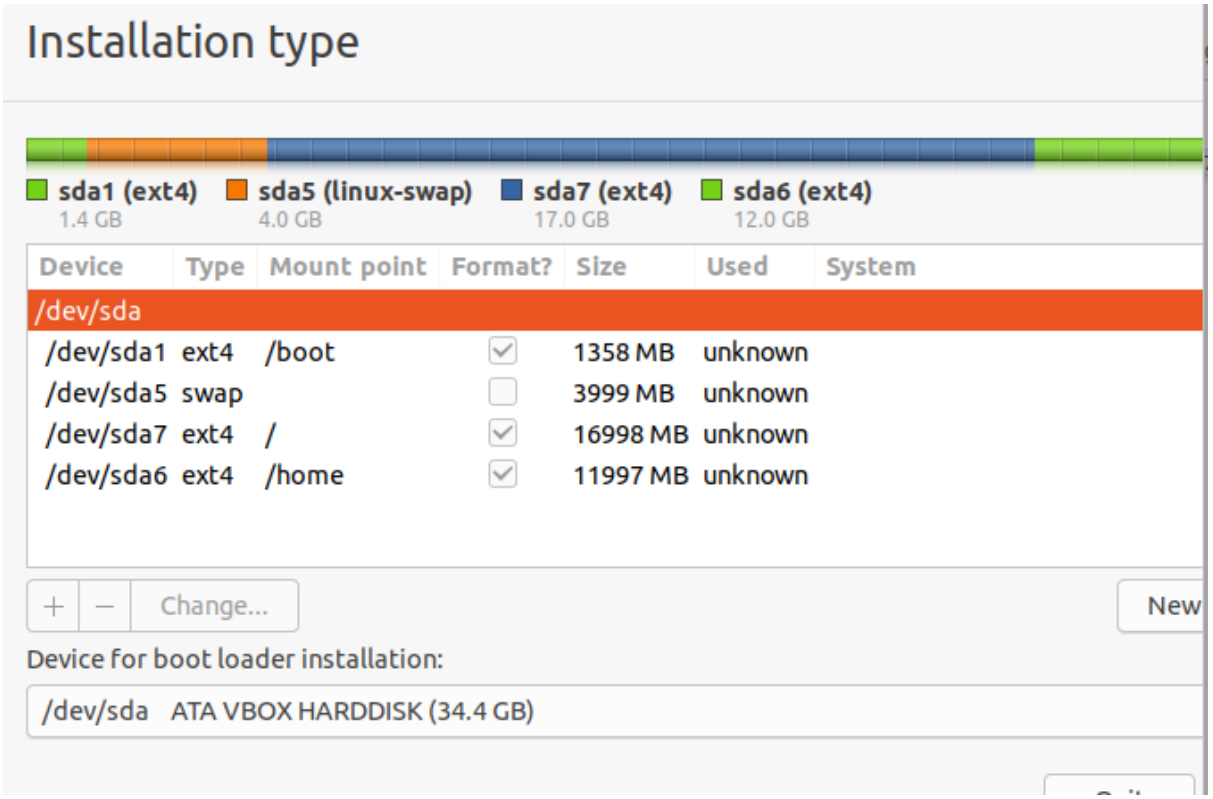
ROOT LOGICAL 17GB



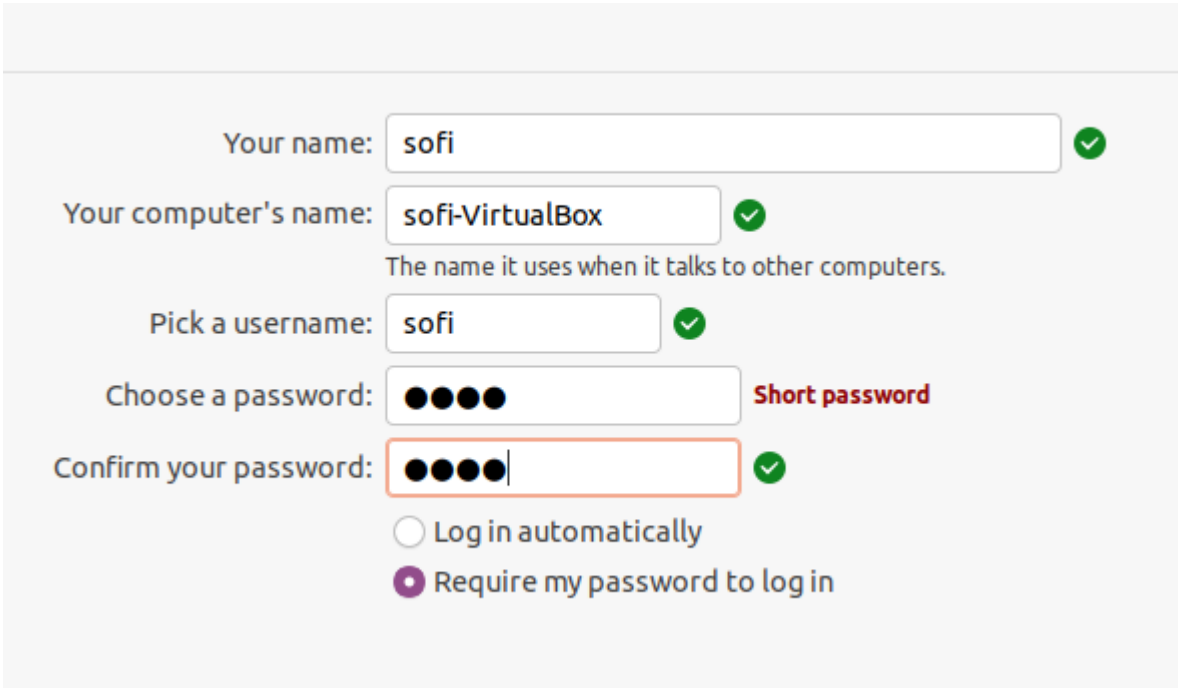
HOME LOGICAL 12GB



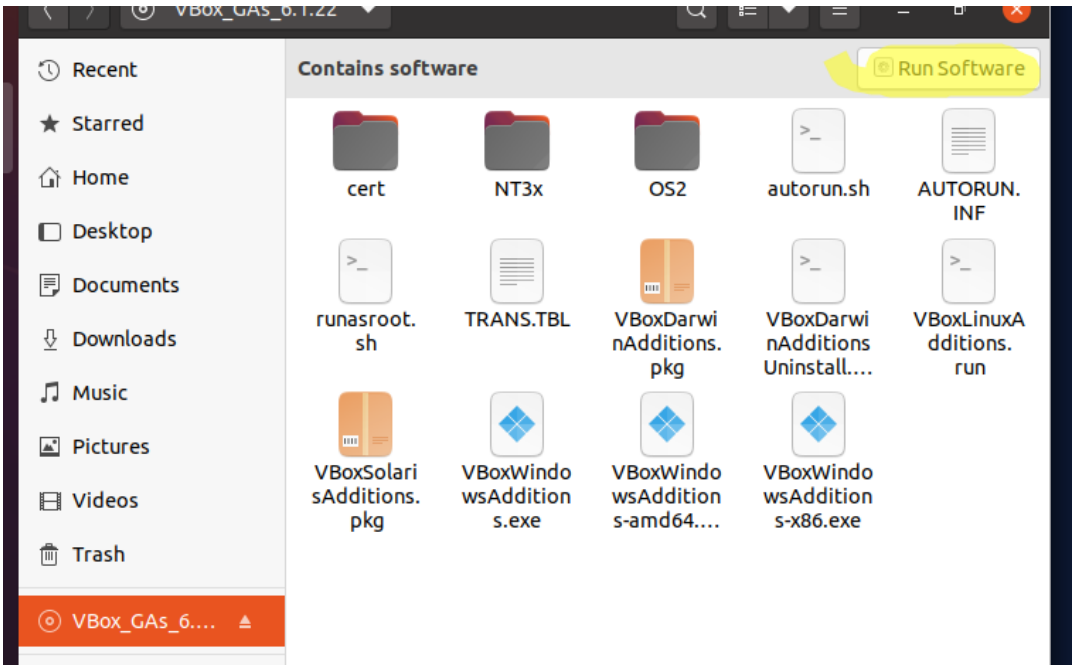
IN THE END IT WILL LOOK LIKE THIS.

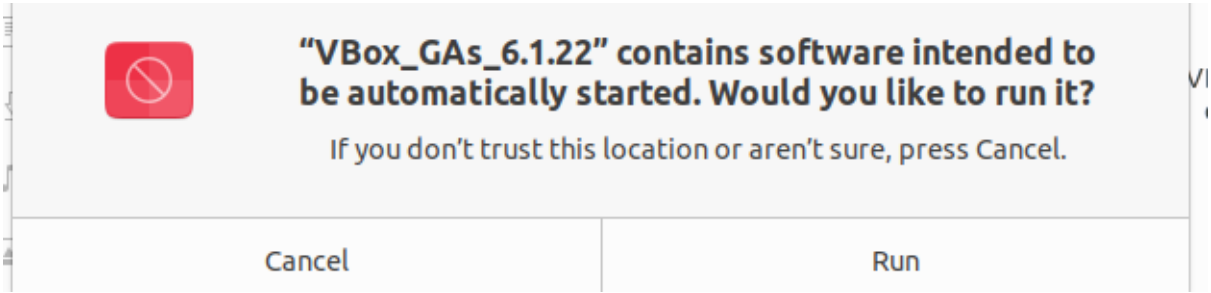


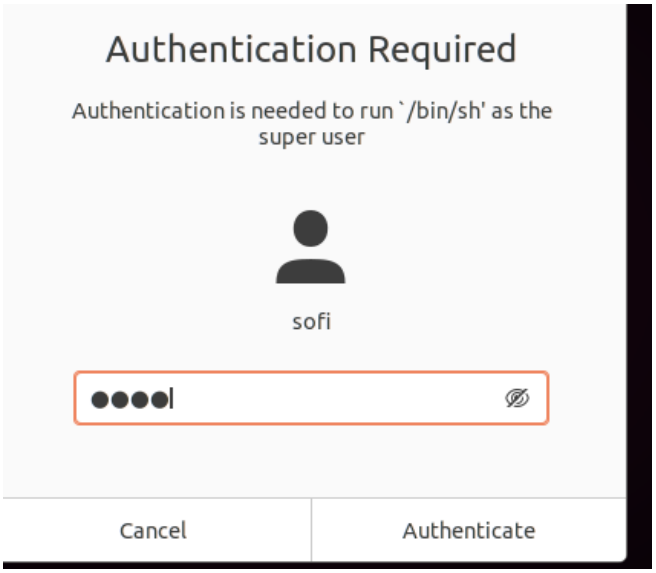
THE LAST THING IT'S TO CREATE AN USER WITH THE PASSWORD.

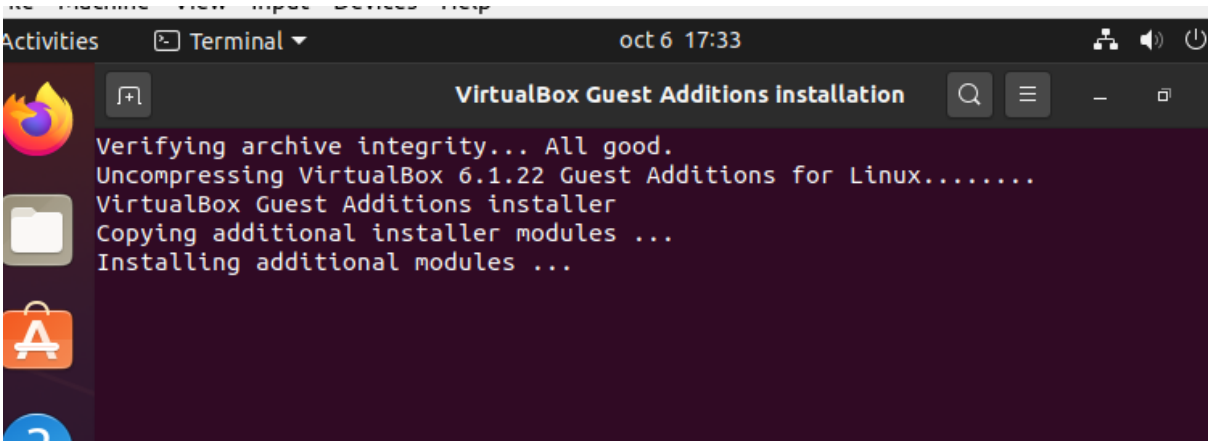


FIRST WE NEED TO INSTALL THE GUEST ADDITIONS WE CLICK IN RUN SOFTWARE IT WILL APPEAR AN INFORMATIVE TAP, WE CLICK RUN AND WE AUTHORIZE AND IT WILL INSTALL.



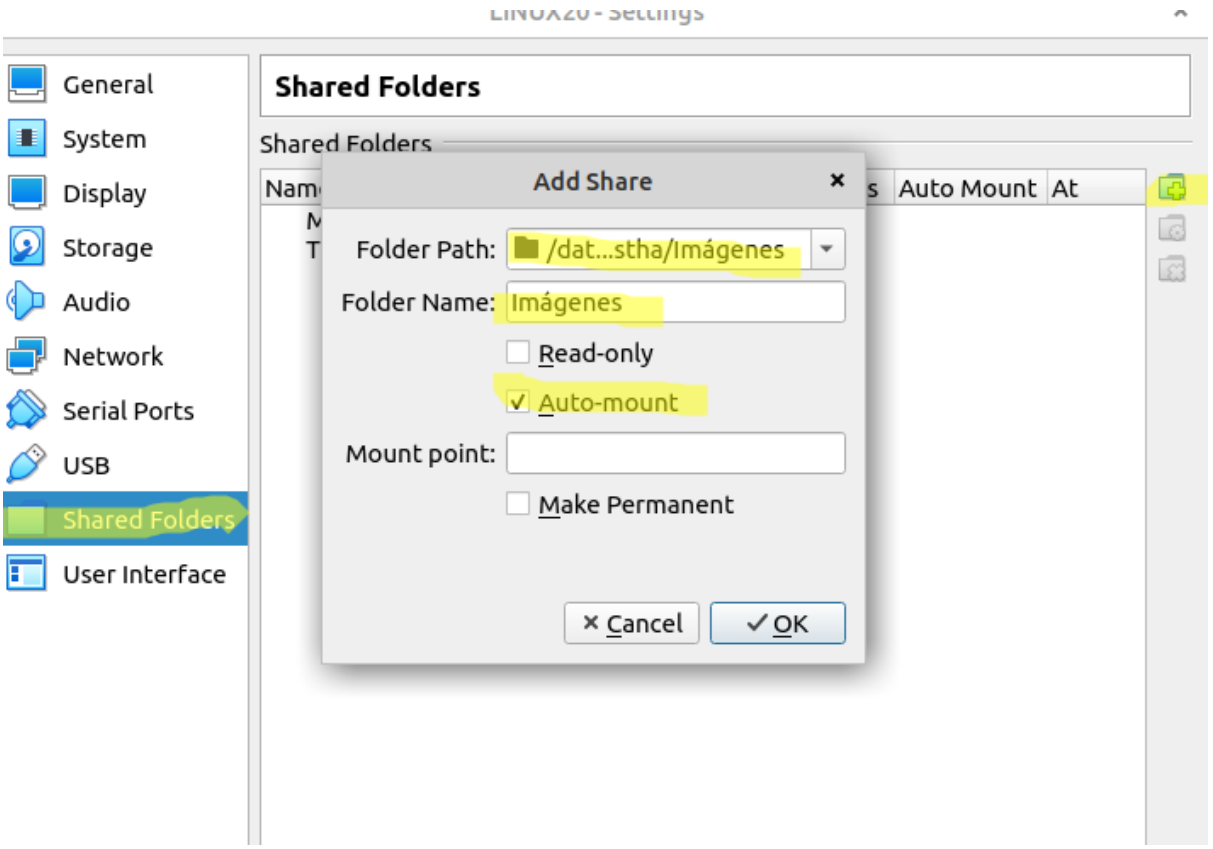


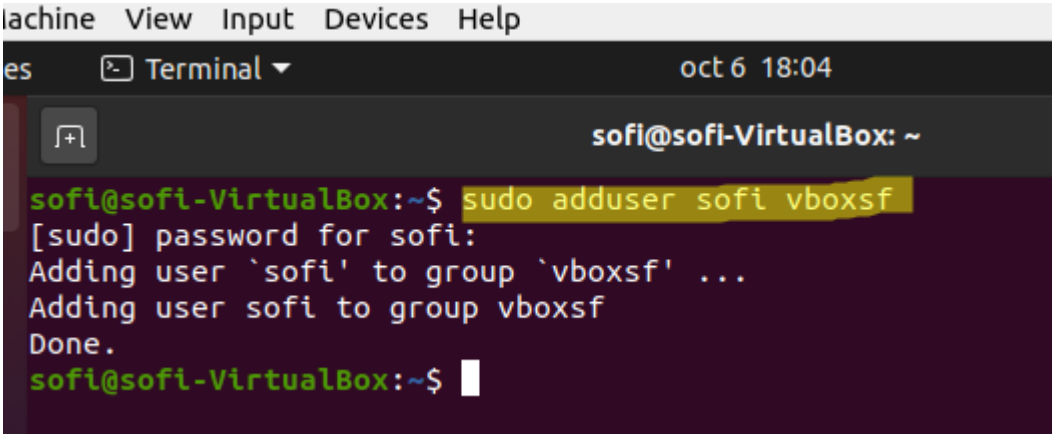


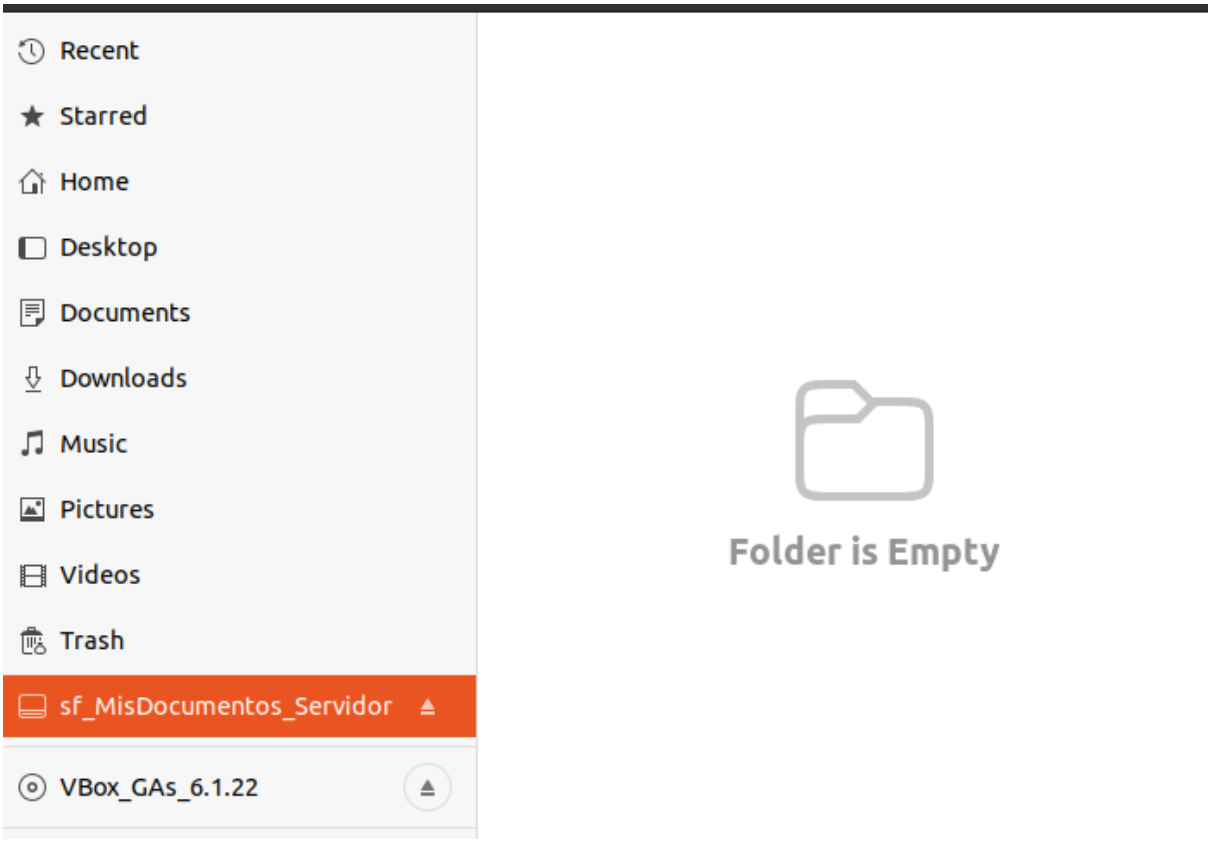


• A shared folder to an external disk.
IF IT DOSEN'T WORK WE NEED TO PUT IN THE COMMAND LINE:
sudo adduser [username] vboxsf
sudo adduser sofi vboxsf

NOW WE CAN SEARCH FOLDERS.

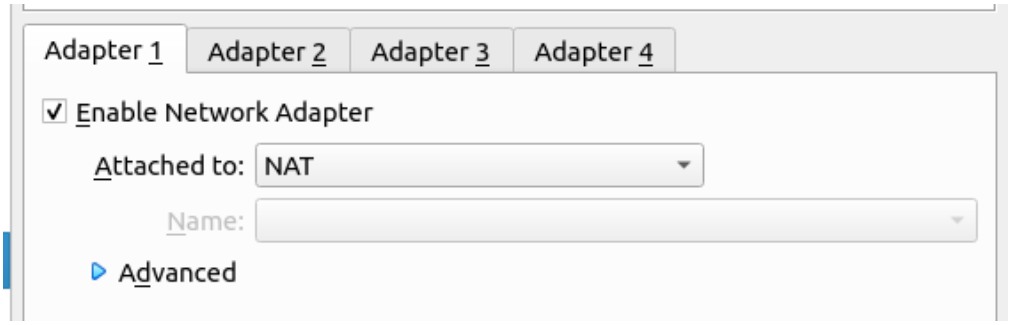




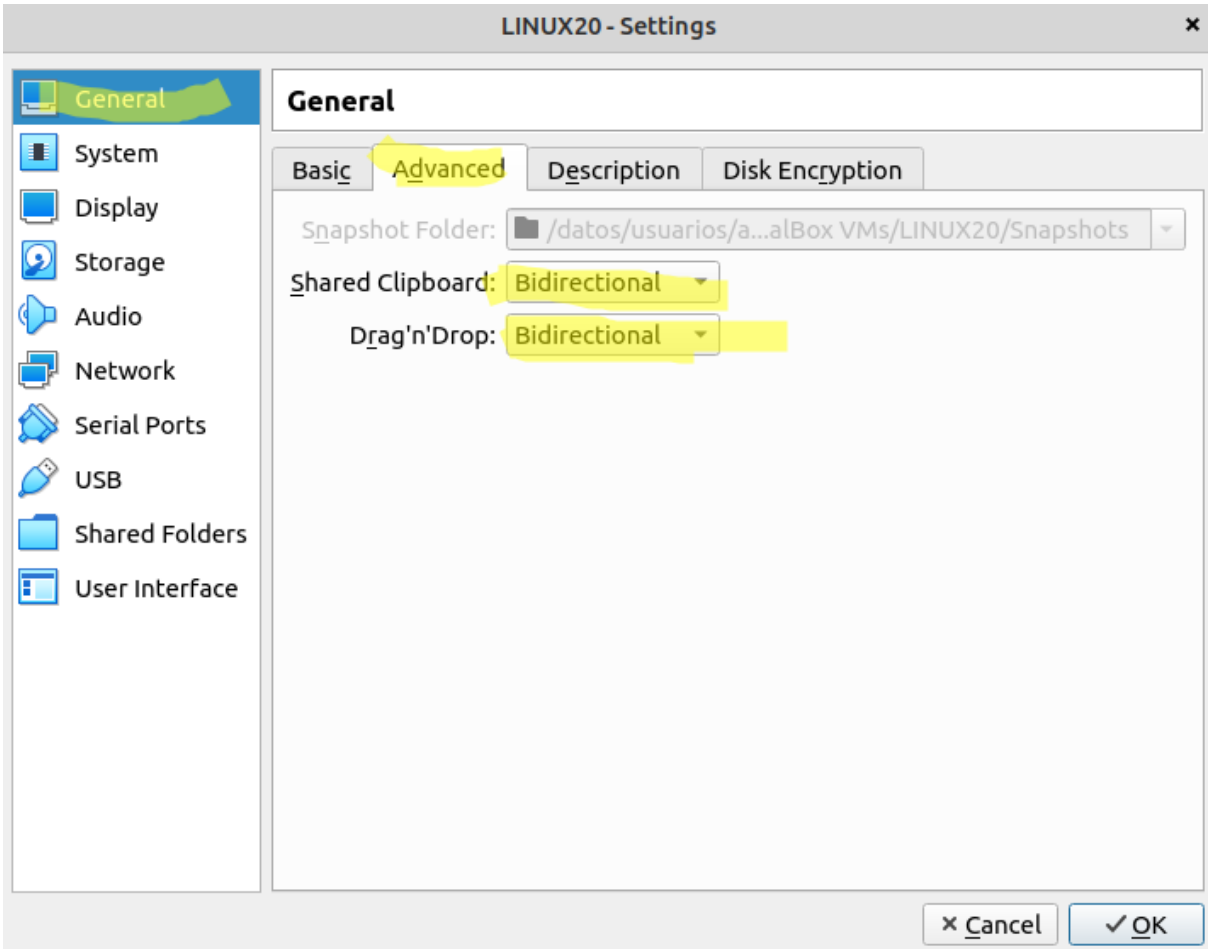


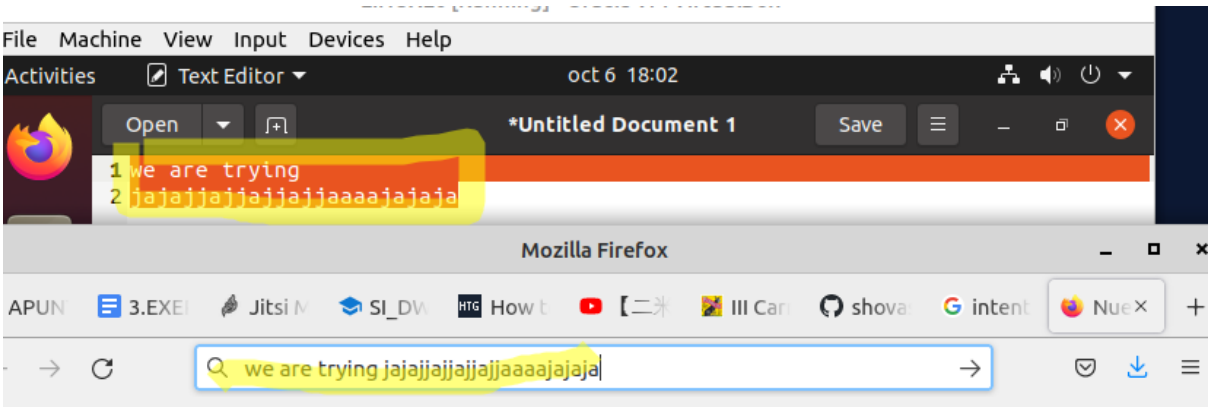
- **Internet connection.**

1. WE CAN CHOOSE MANY TIPY OF THE INTERNET CONNECTION DEPENDING FOR WHAT WE NEED IN THIS CASE WE ARE PUTTING NAT CONNECTION BECAUSE IS THE DEFAULT ONE.



• You will be able to copy and paste from the host to the guest and vice versa.
WE GO TO GENERAL SETTING IN ADVANCED WE SEE THAT THERE'S SHARED CLIPBOARD AND DRAG ANd DRAG'N'DROP WE CHOOSE IN BOTH OF THEM BIDIRECTIONAL

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