filesystems

Hardware needed

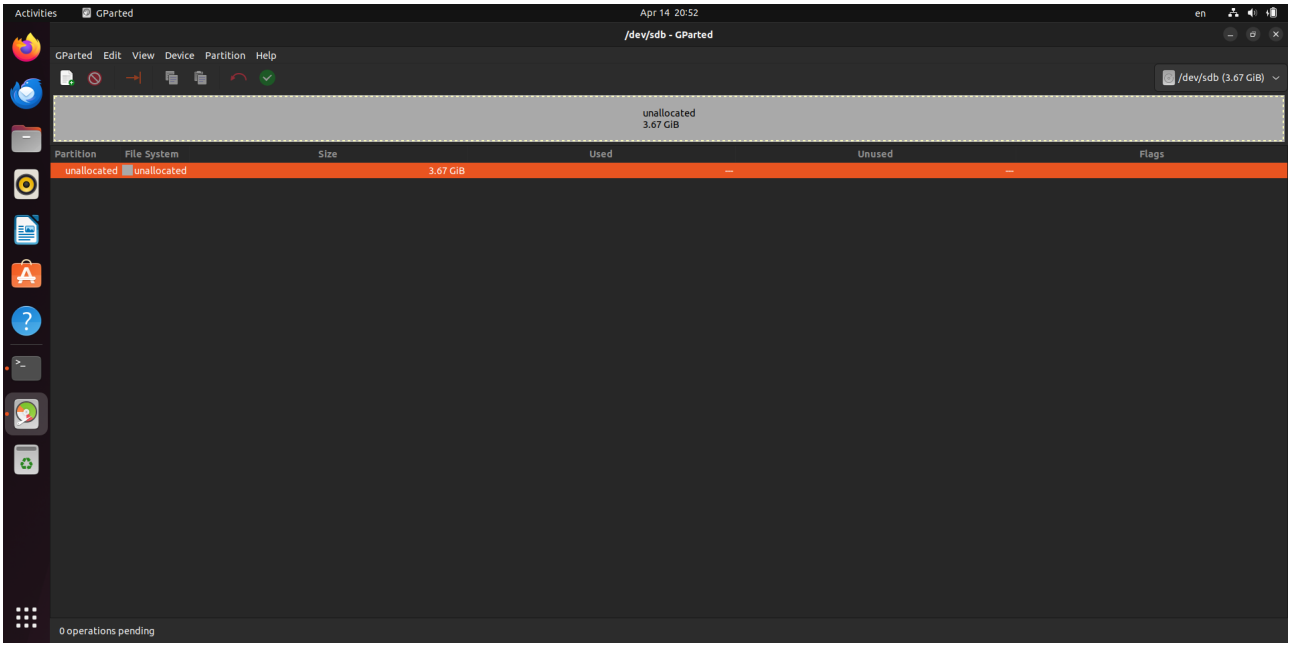
1. **SDCARD or USB Flash

Software Needed.

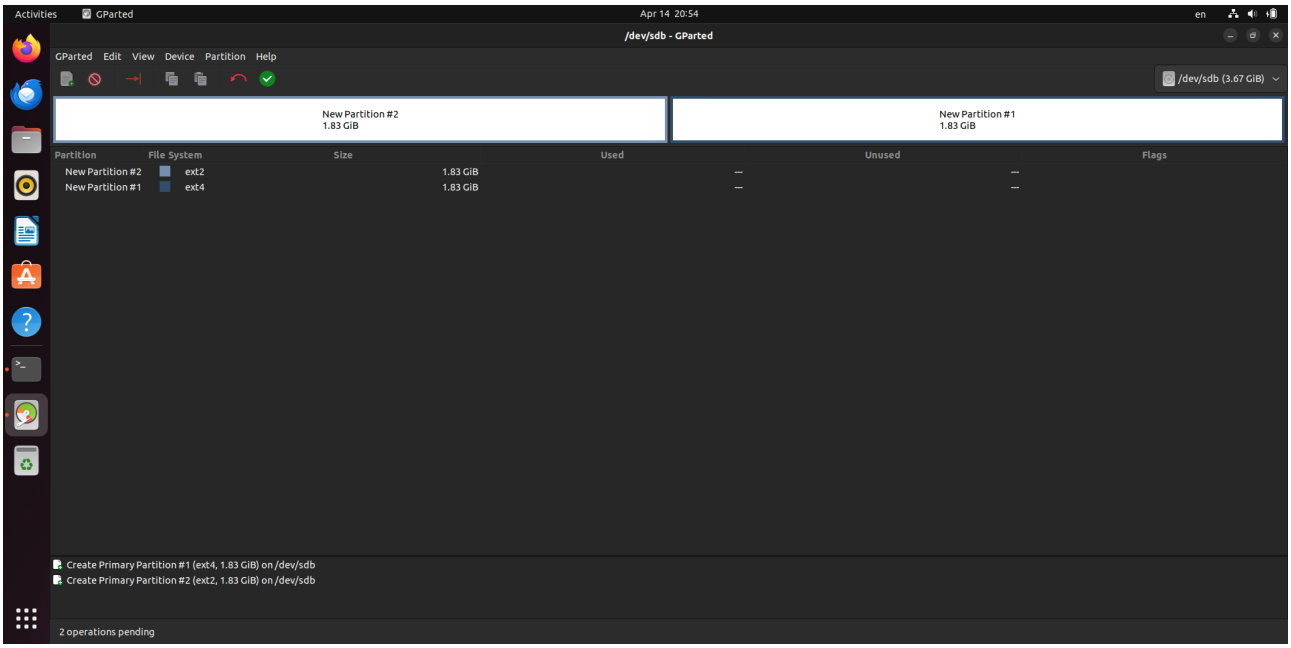
1. **gparted.

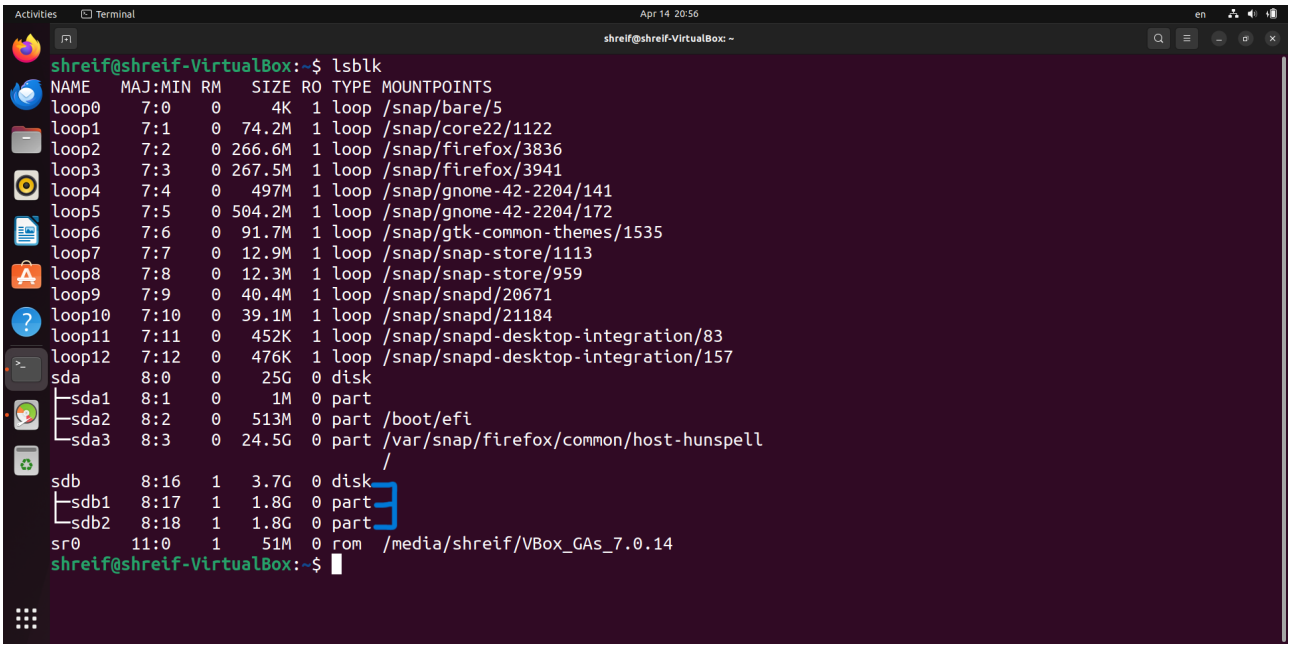
Requirements.

1. **Make at least two partitions on your SD-CARD using *gparted*.

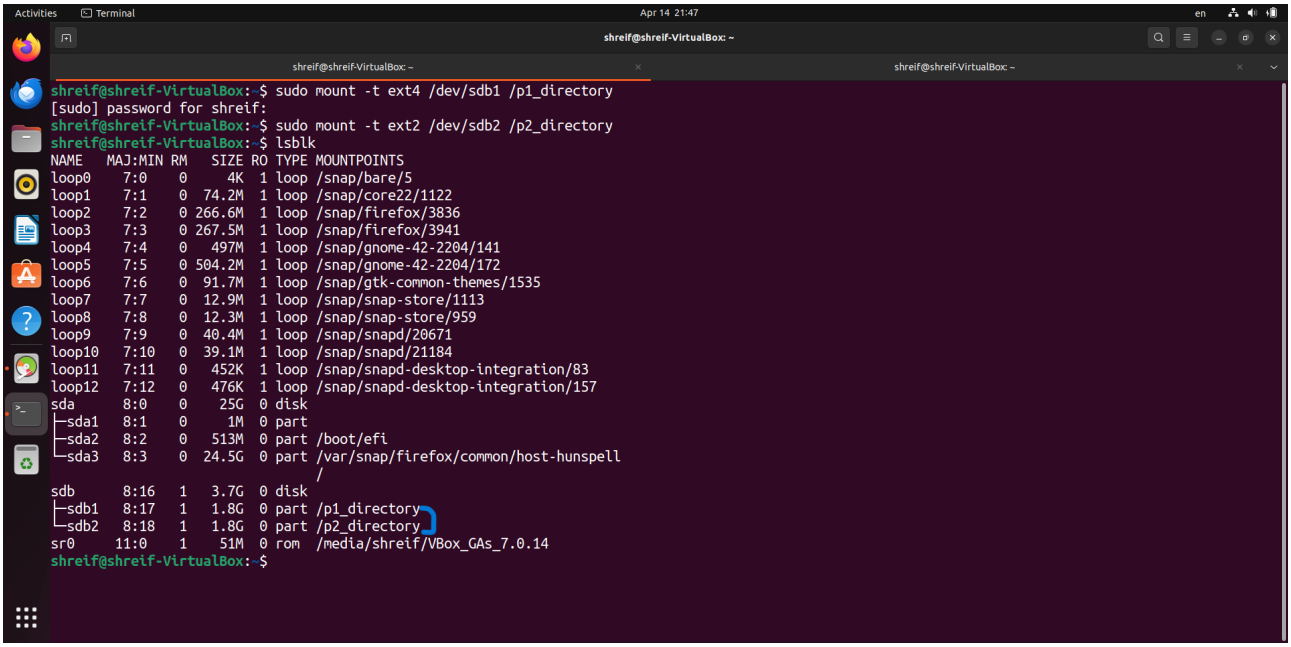


2. **Create for each partitions filesystem (first one *ext4* & second one *ext2*).

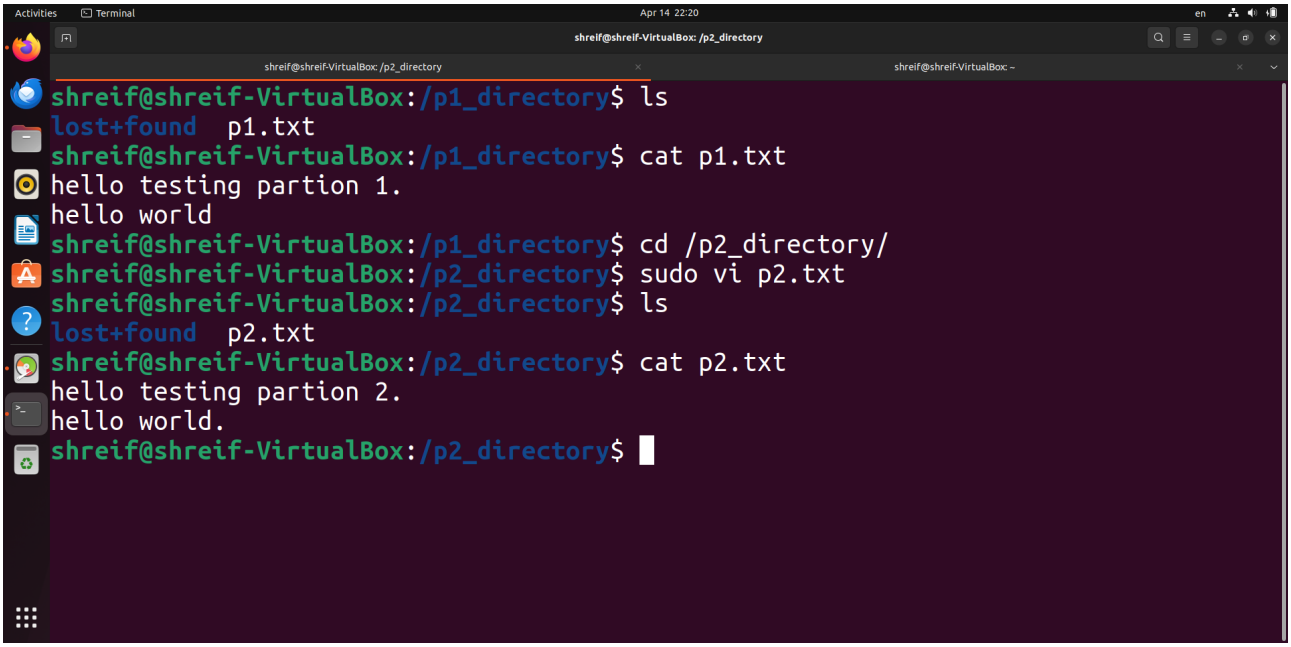




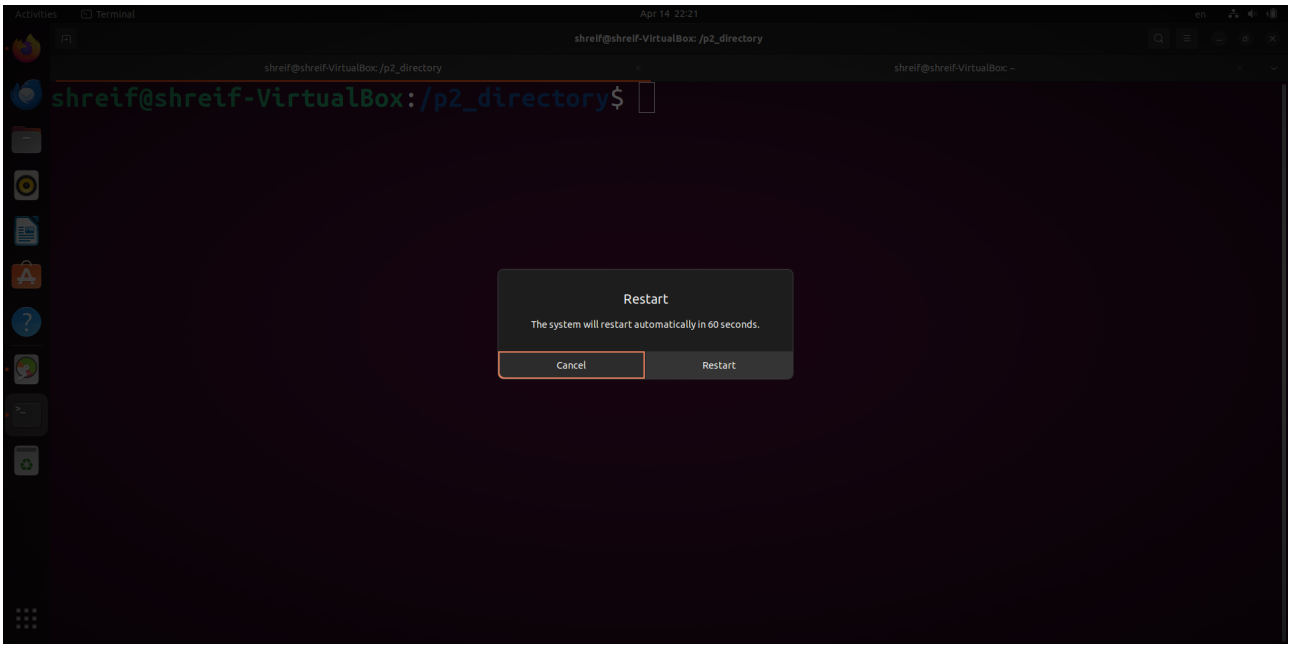
3. **Mount two partitions on your root filesystem.



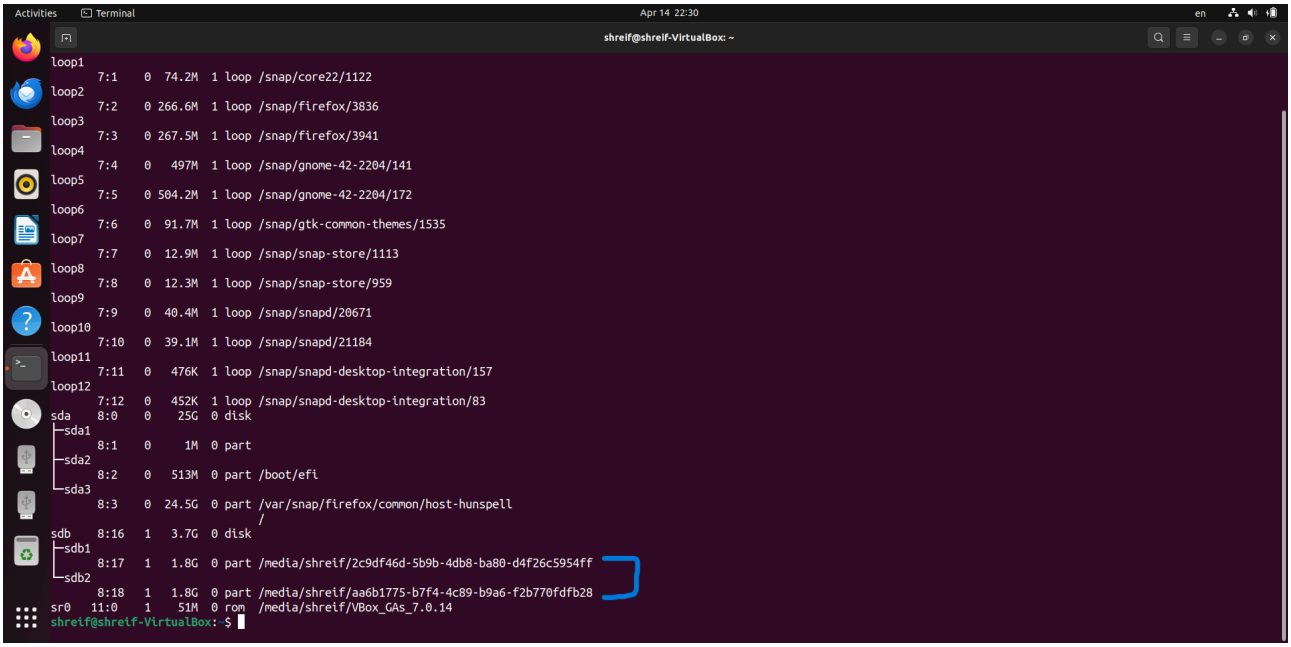
4. **Add some files inside each one.



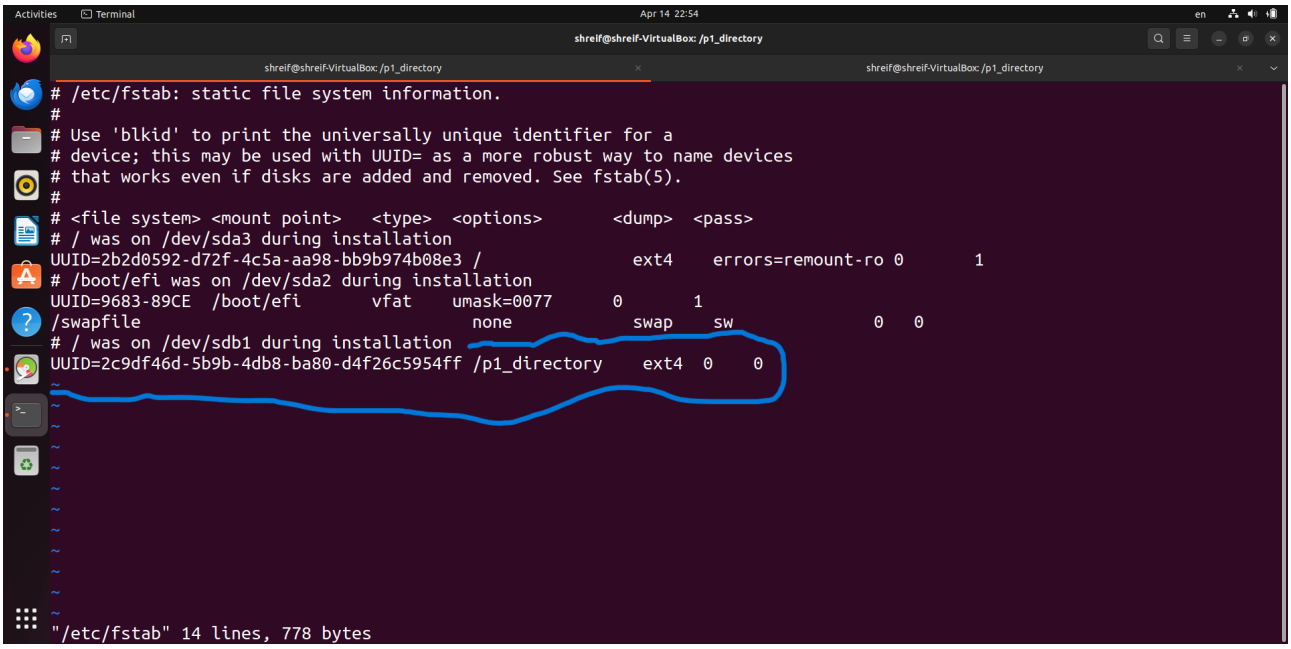
5. **reboot your machine.



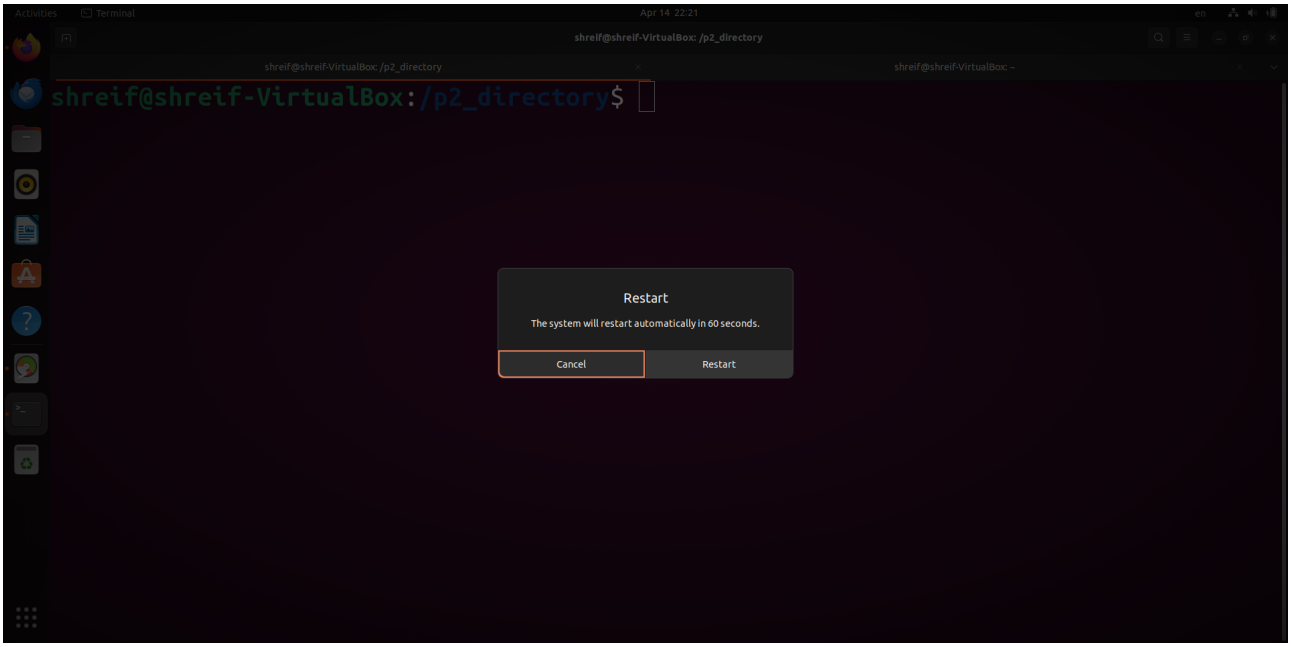
6. **check if mounting points still exists, *it should not*.



7. **Make the *ext4* persistance by adding /etc/fstab file ----> (search how you can do that).



8. **reboot your system.



9. **Check if the *ext4* is mounted.