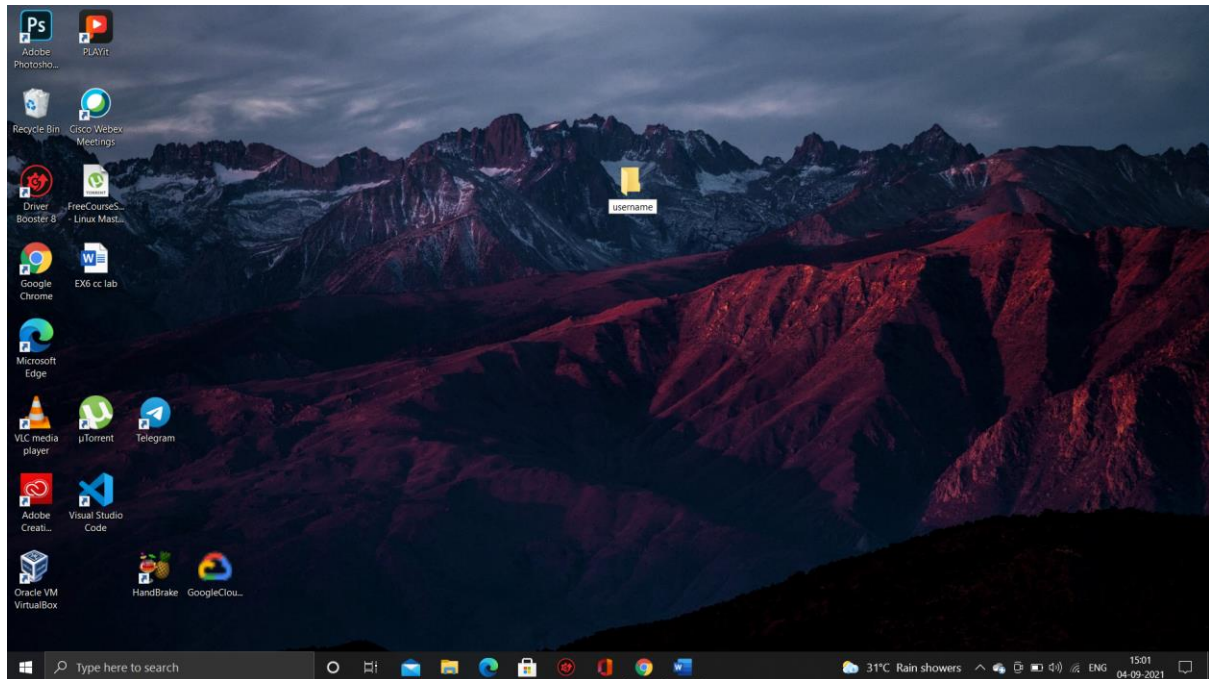
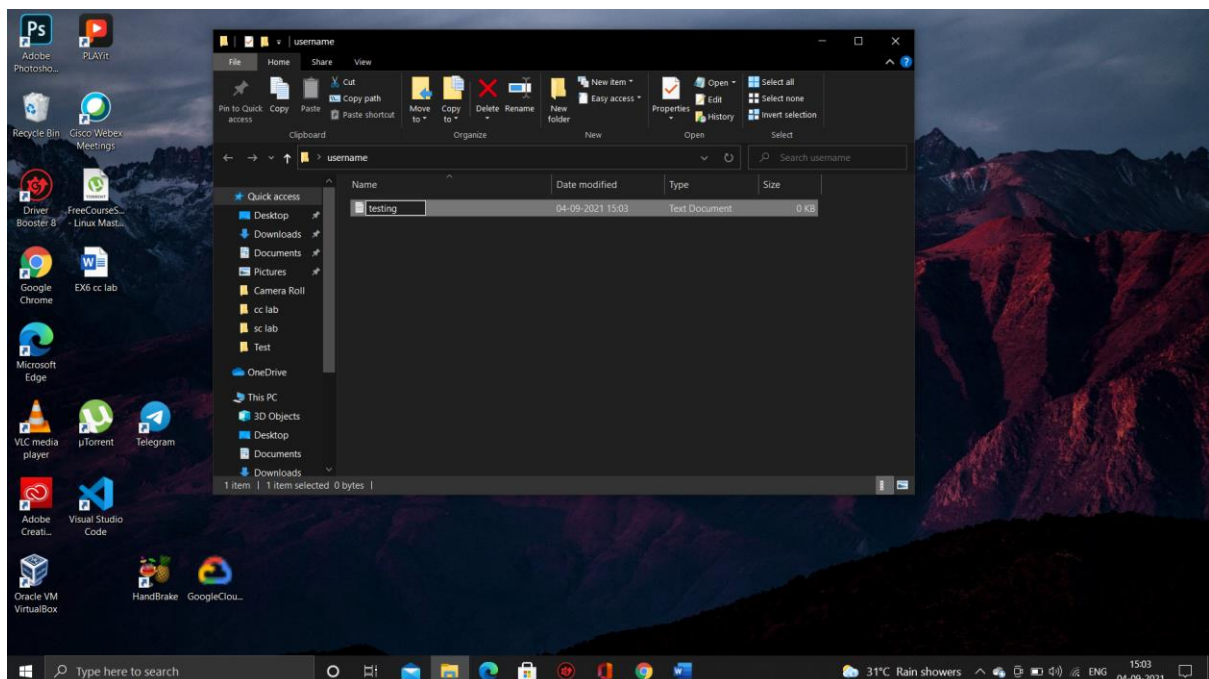


# Ex 6: sharing folders between host pc and ubuntu

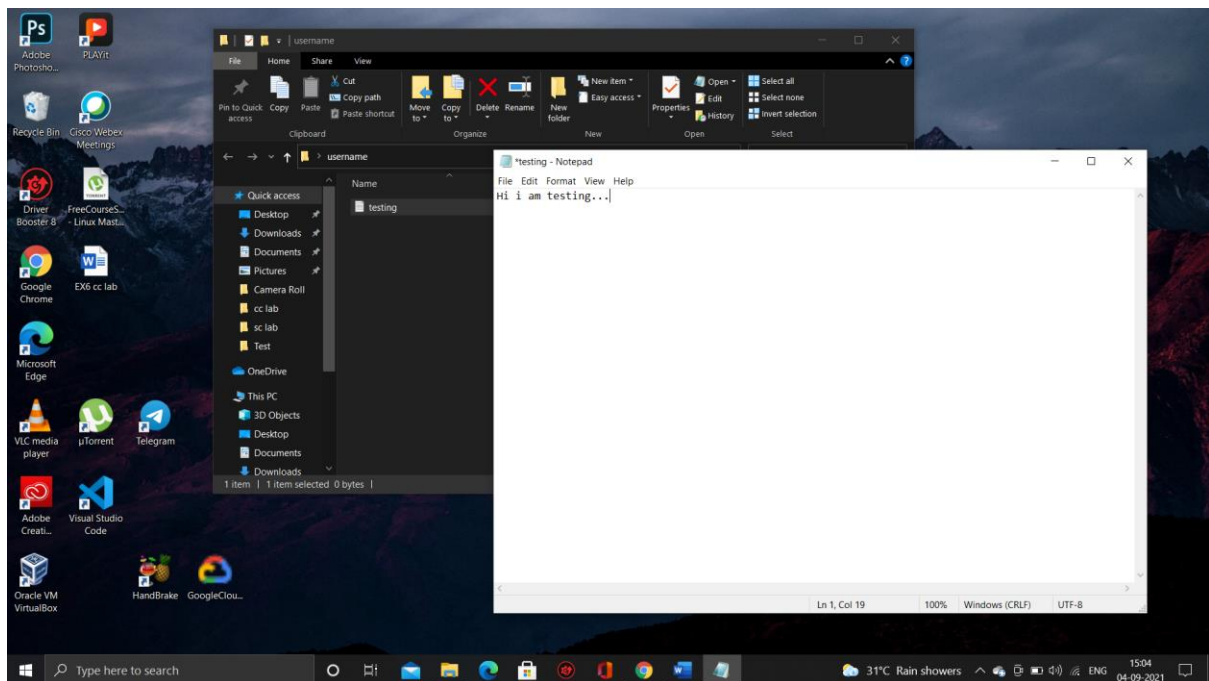
STEP 1: Create a folder "username" – Window



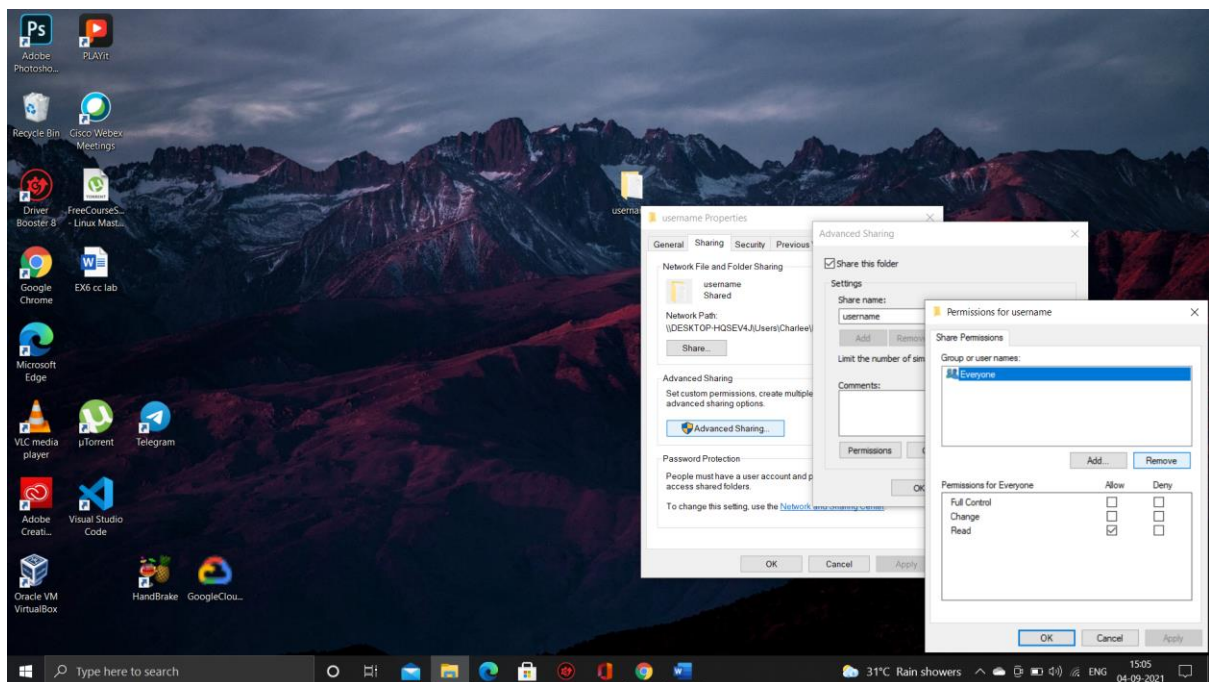
Create a testing file in username folder



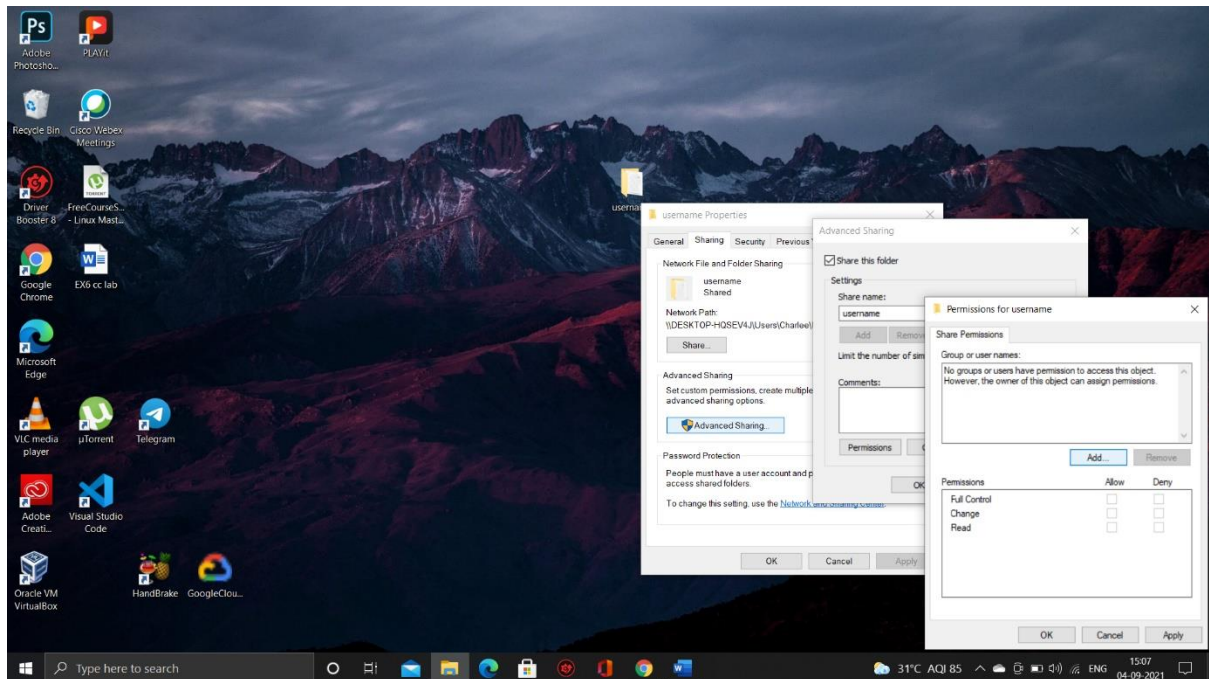
Open the testing txt file and type whatever u want and save it



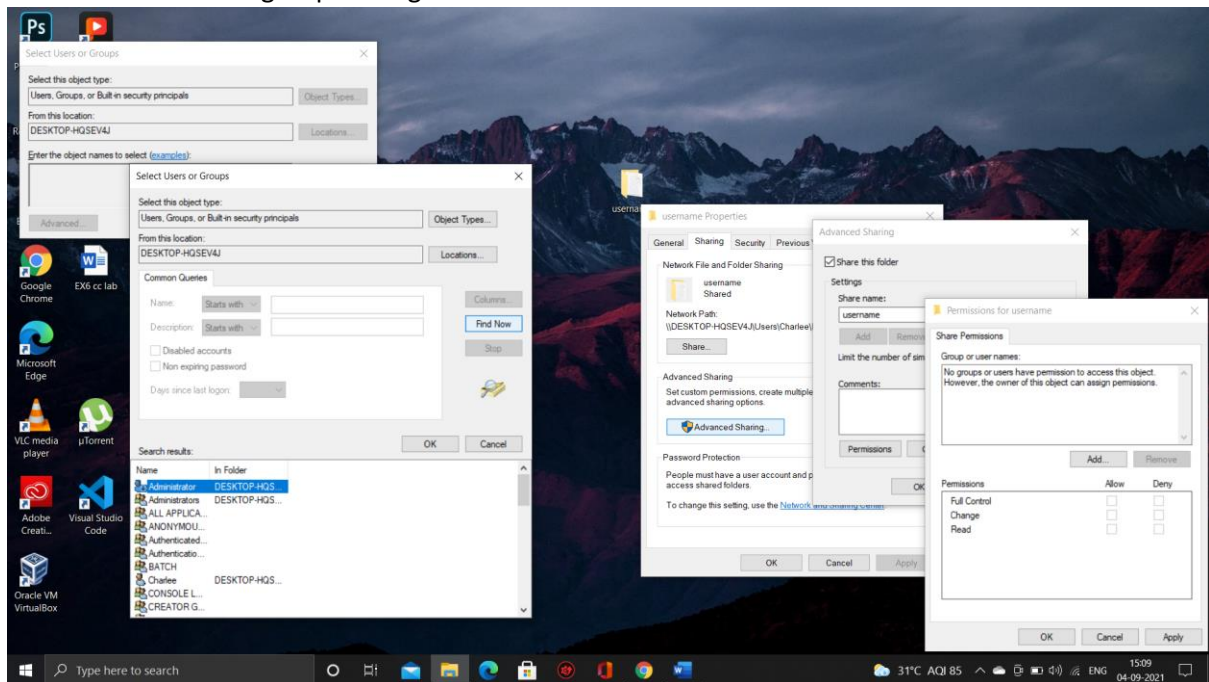
Now right click -> properties-> sharing -> advanced sharing check the share this folder and select permissions if u see everyone remove it



Click add

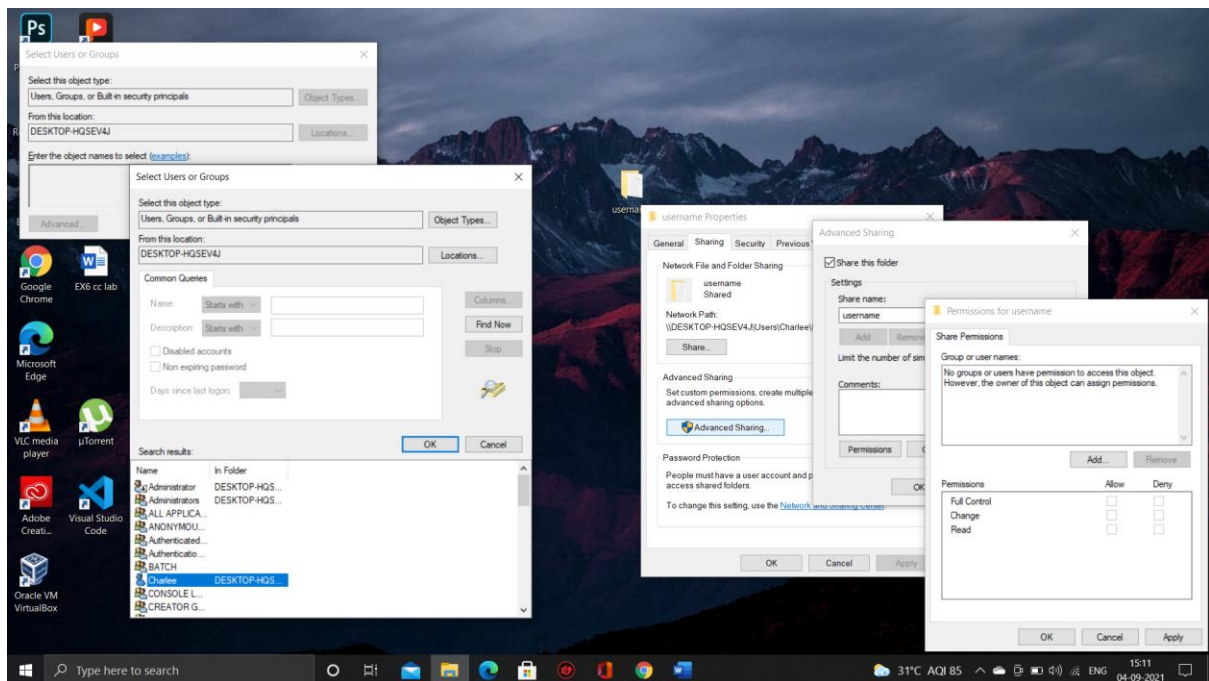


in the select users or groups dialog box click advanced and select find now

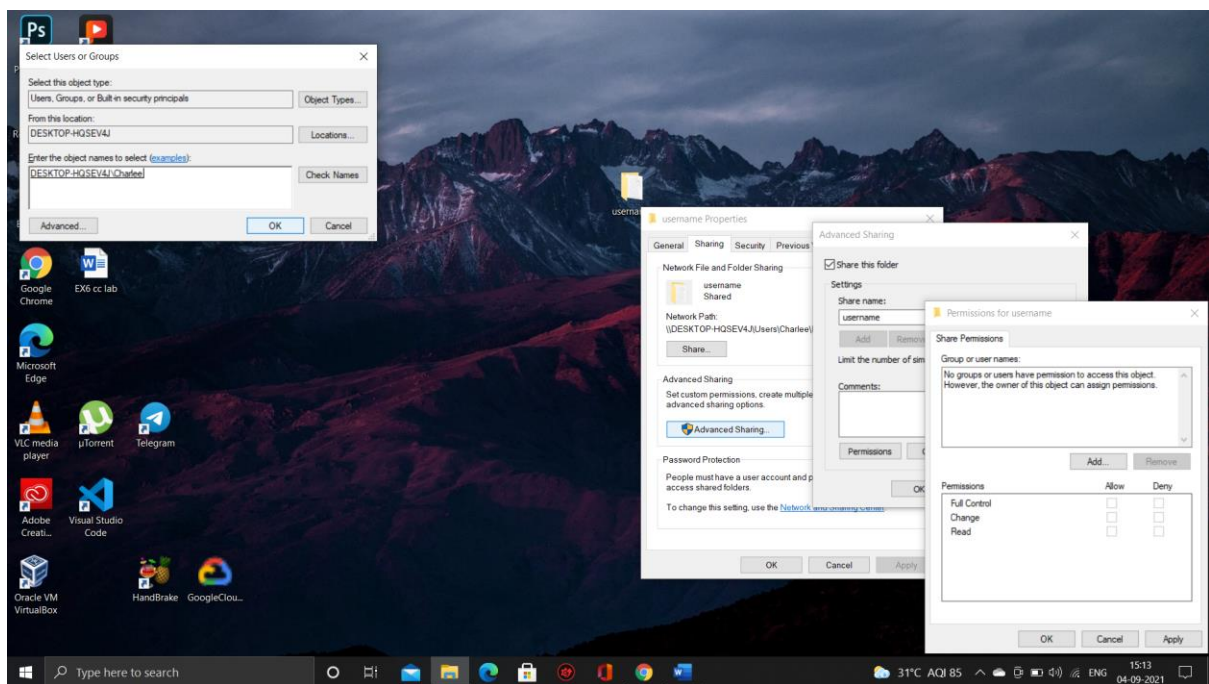




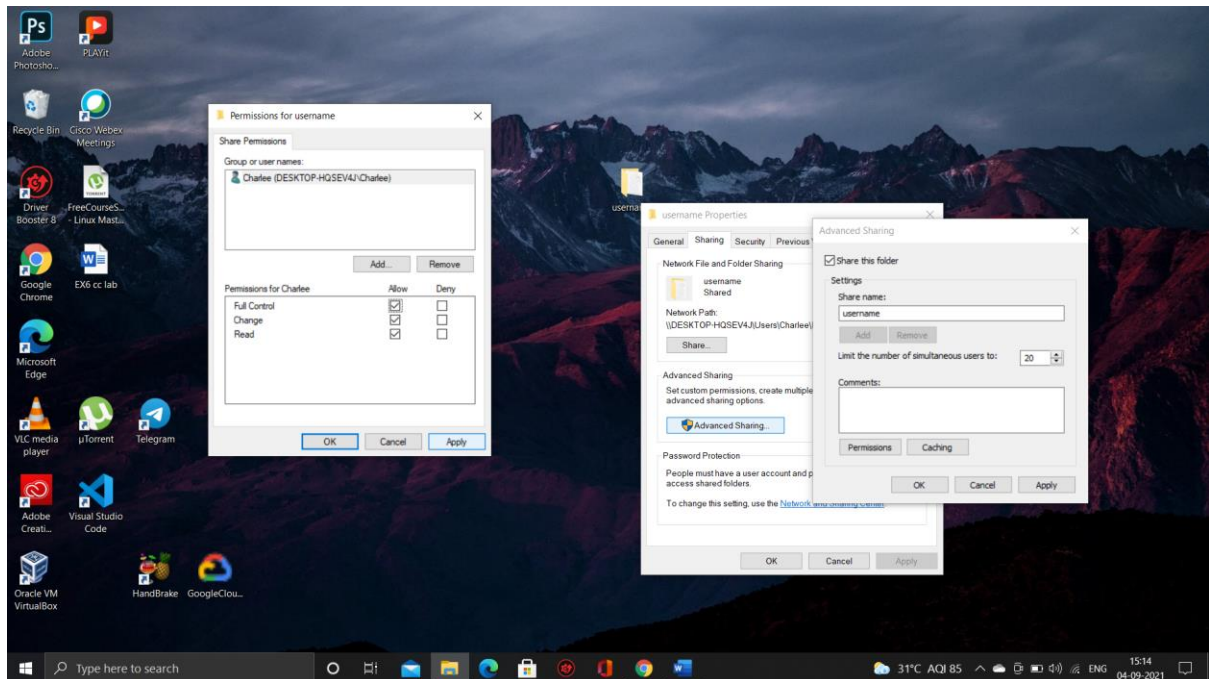
Select your account where u are login and give ok



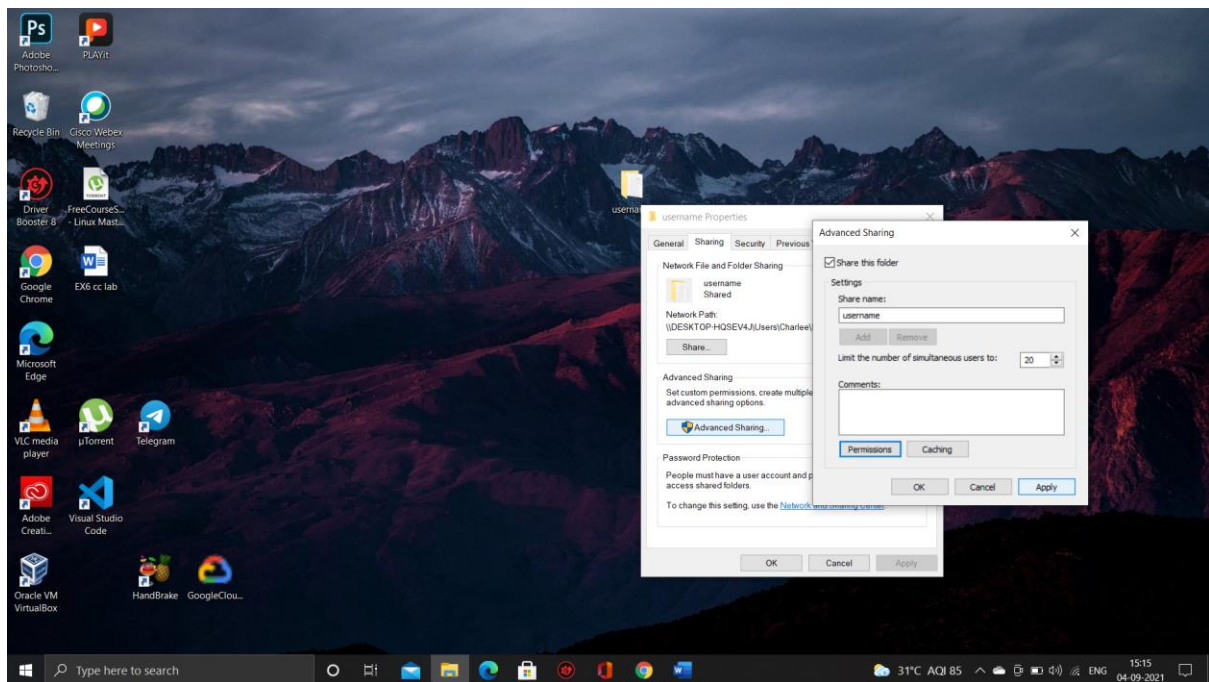
Click ok in the select users or groups dialog box



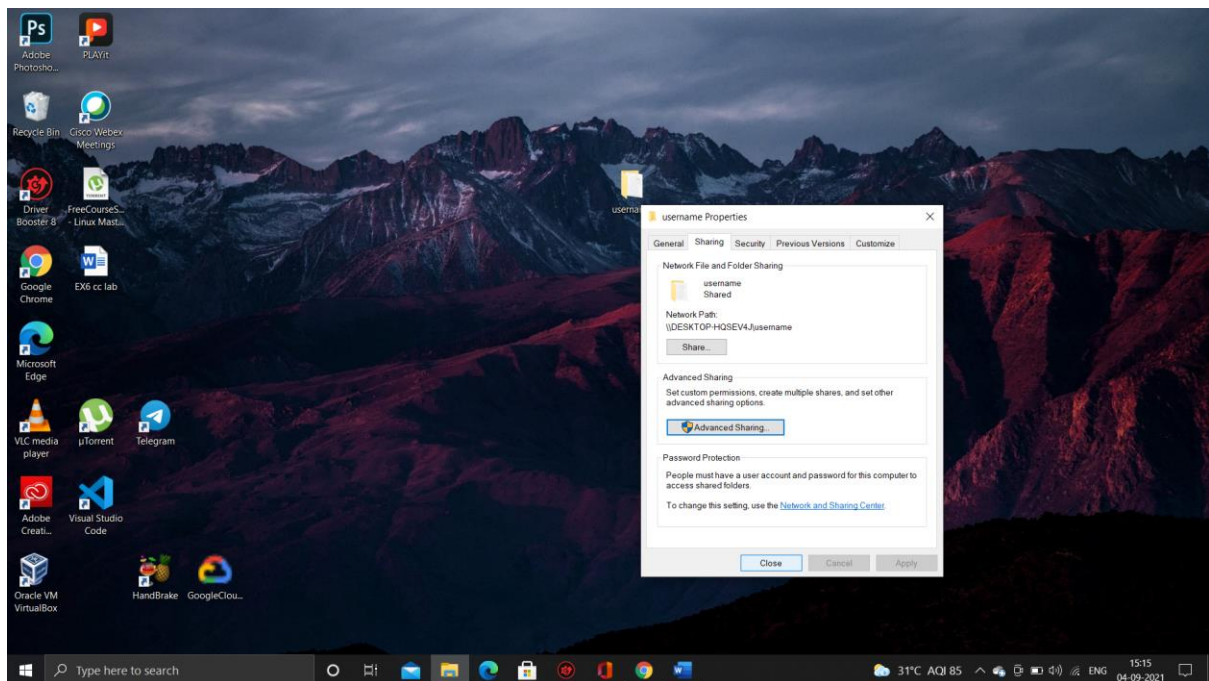
Check the full control give apply and select ok



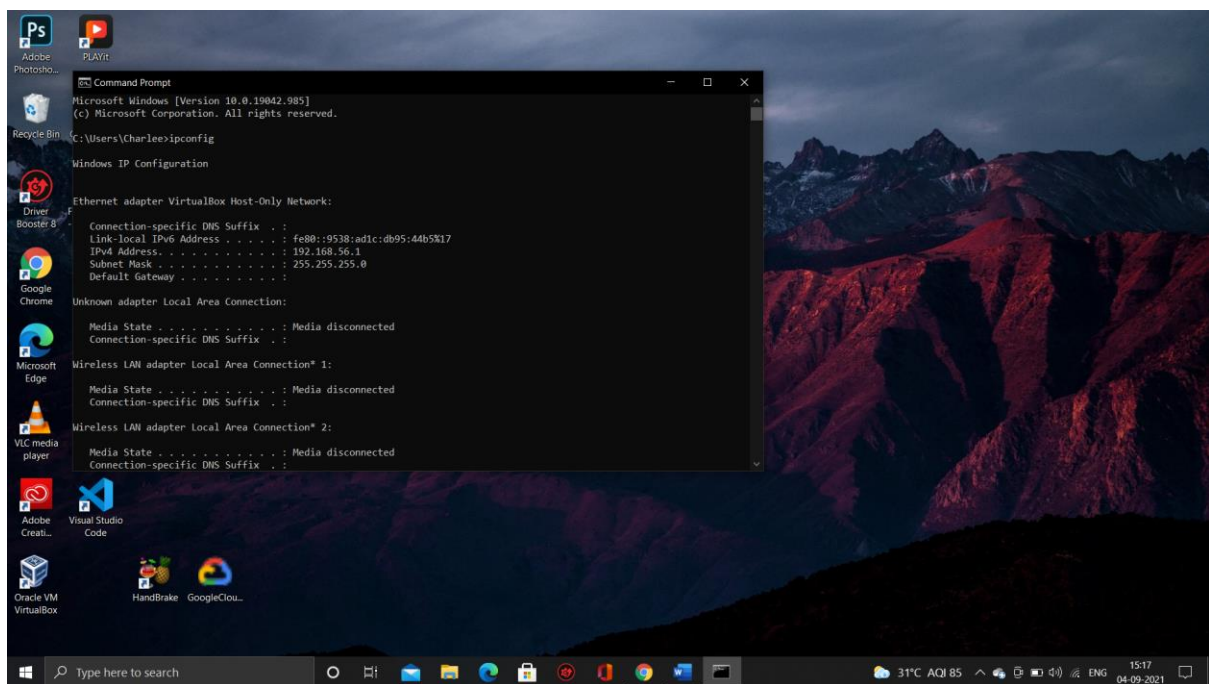
In the advanced sharing dialog box give apply and select ok



Give close

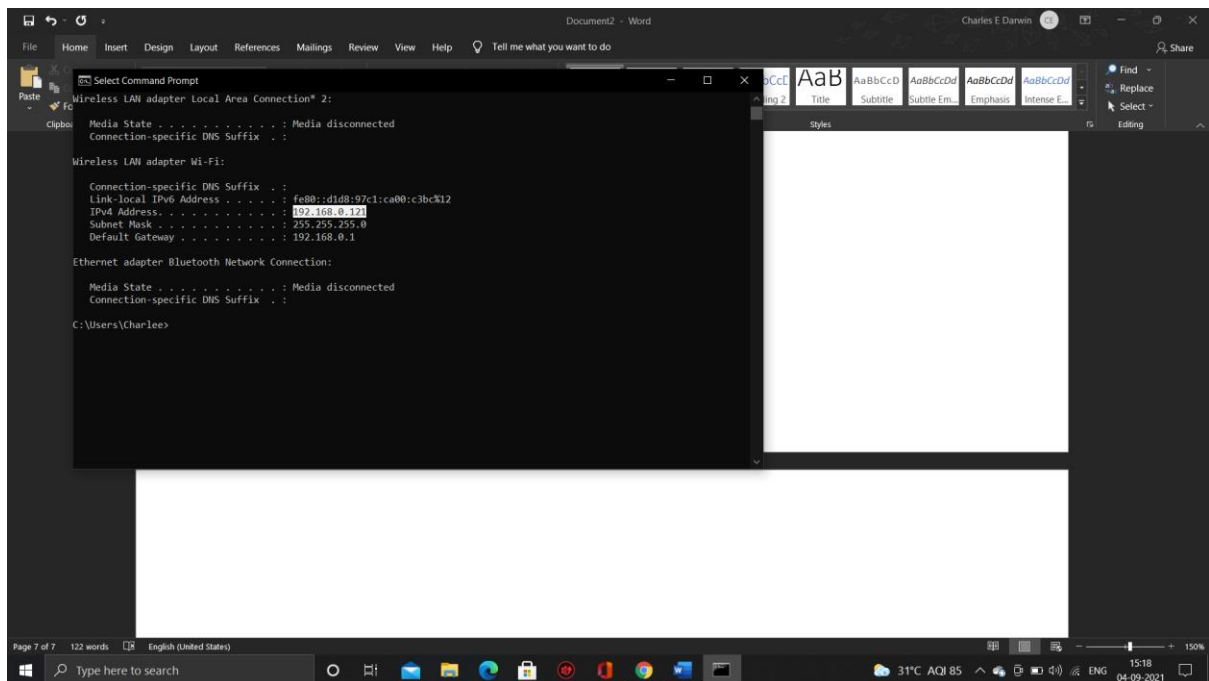


Open cmd and type ipconfig

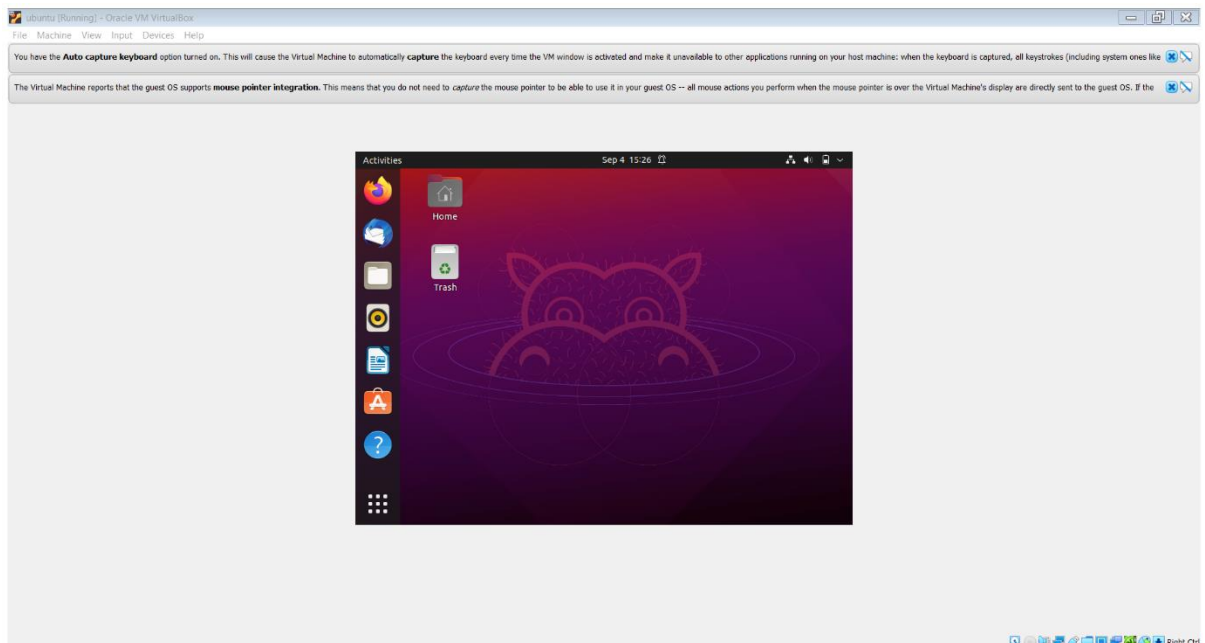




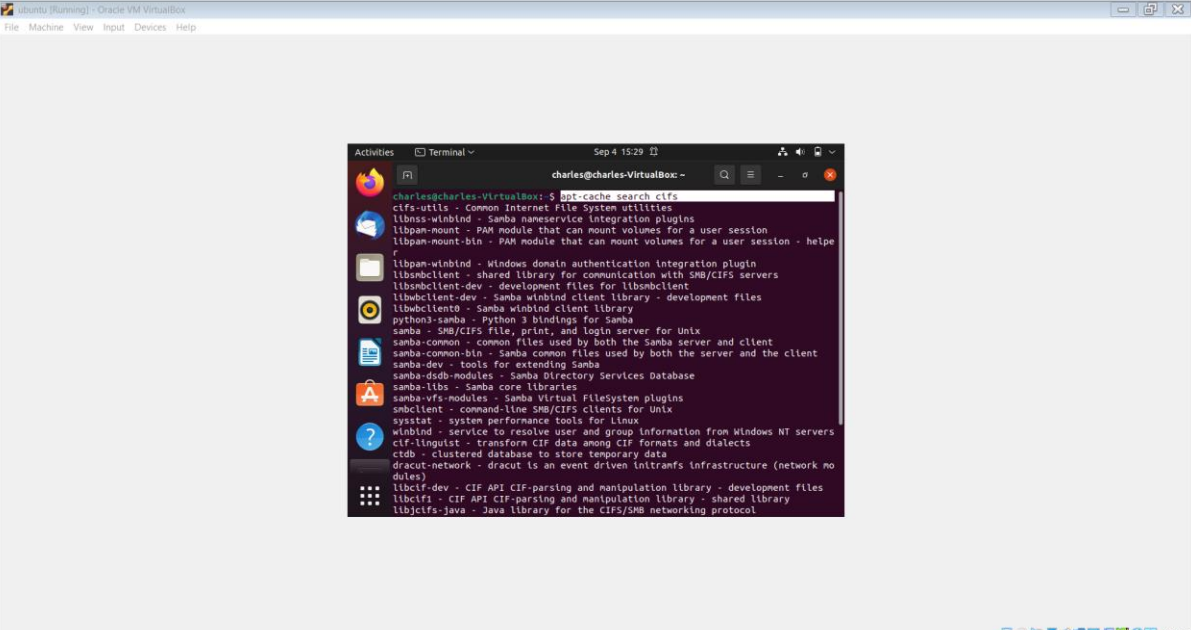
Copy the ipv4 address in wireless lan adapter wi-fi (192.168.0.121)



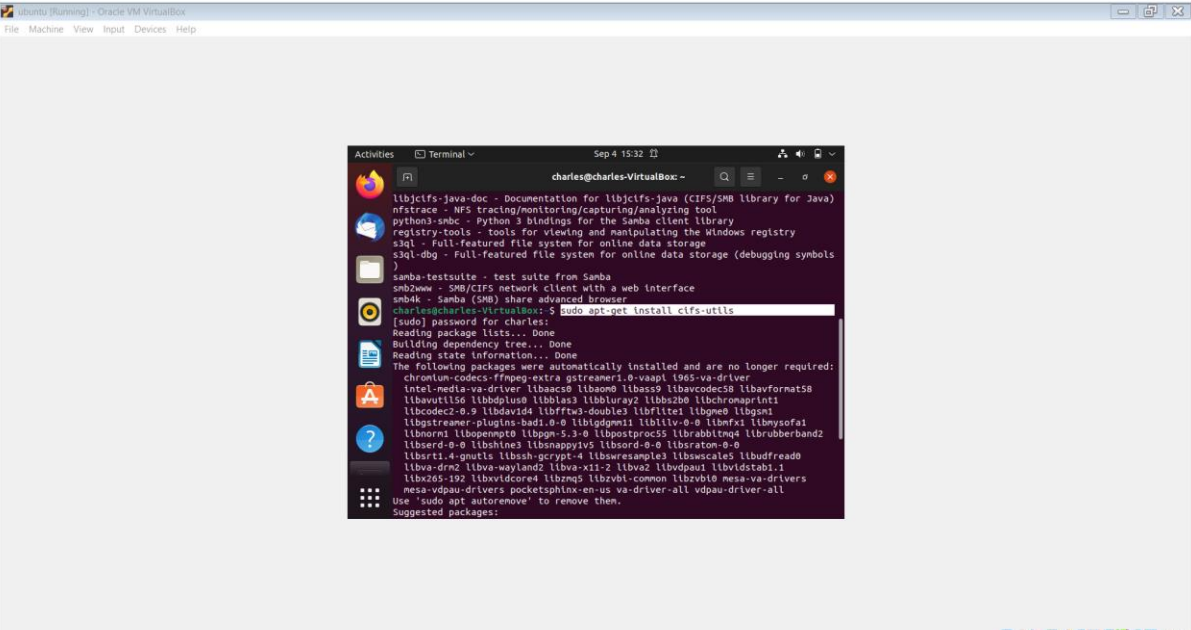
Open ubuntu



Type the following commands in terminal

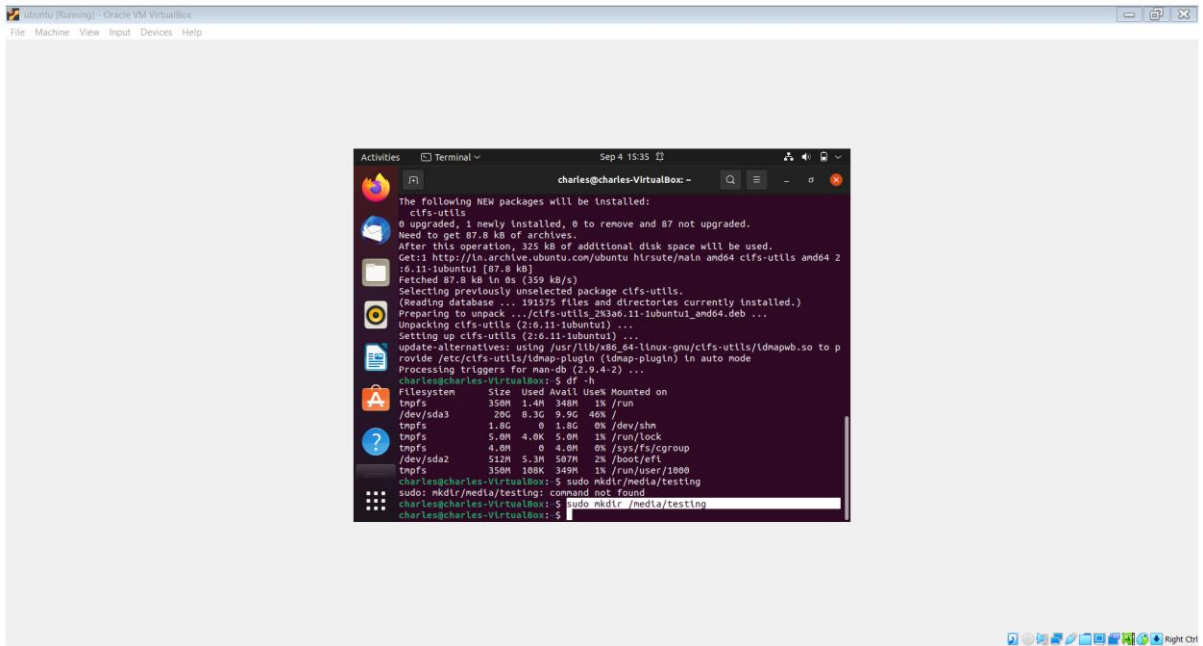
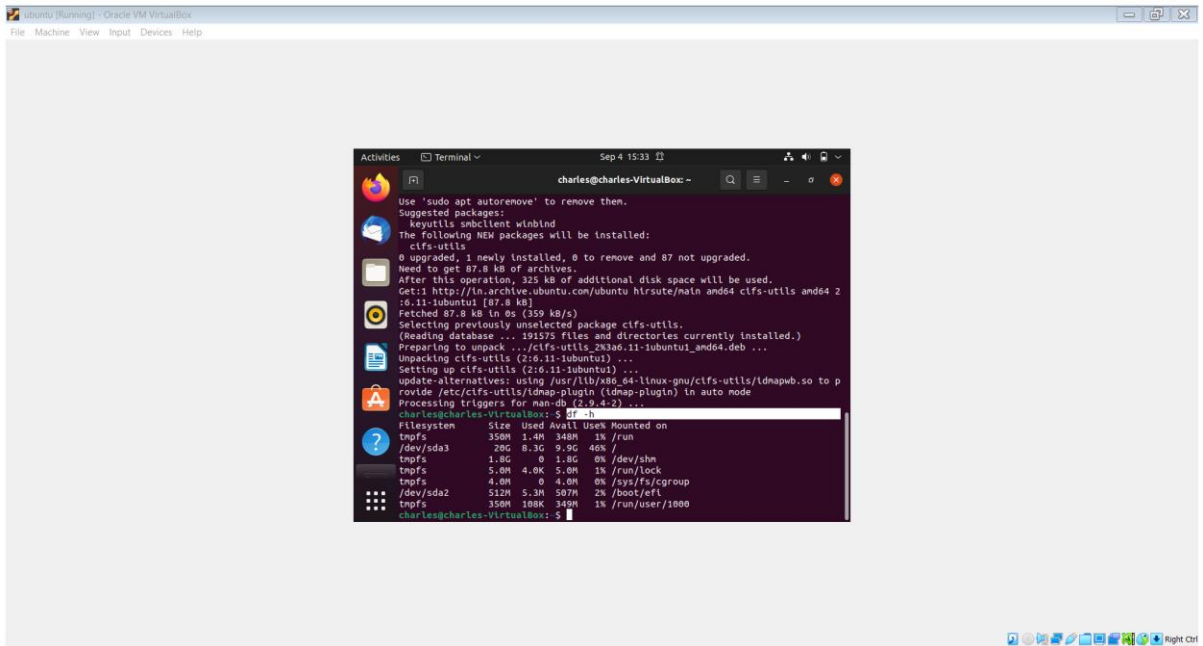


```
charles@charles-VirtualBox:~$ dpkg-query -f='${Package} ${Version} ${Architecture} ${Description}\n' --get-all-files
cifs-utils - Common Internet File System utilities
libnss-winbind - Samba nameservice integration plugins
libpam-mount - PAM module that can mount volumes for a user session
libpam-mount-bin - PAM module that can mount volumes for a user session - helper
libpam-winbind - Windows domain authentication integration plugin
libsmbclient - shared library for communication with SMB/CIFS servers
libsmbclient-dev - development files for libsmbclient
libwbclient-dev - Samba winbind client library - development files
libwbclient0 - Samba winbind client library
python3-samba - python 3 bindings for Samba
samba - SMB/CIFS file, print, and login server for Unix
samba-common-bin - Samba common files used by both the Samba server and client
samba-common-bin - Samba common files used by both the server and the client
samba-dev - tools for extending Samba
samba-dsdb-modules - Samba Directory Services Database
samba-libs - Samba core libraries
samba-vfs-modules - Samba Virtual FileSystem plugins
smbclient - command-line SMB/CIFS clients for Unix
sysstat - system performance tools for Linux
winbind - service to resolve user and group information from Windows NT servers
cif-linguist - transform CIF data among CIF formats and dialects
ctdb - clustered database to store temporary data
dracut-network - dracut is an event driven initramfs infrastructure (network modules)
libcif-dev - CIF API CIF-parsing and manipulation library - development files
libcif - CIF API CIF-parsing and manipulation library - shared library
libcif-java - Java library for the CIFS/SMB networking protocol
```

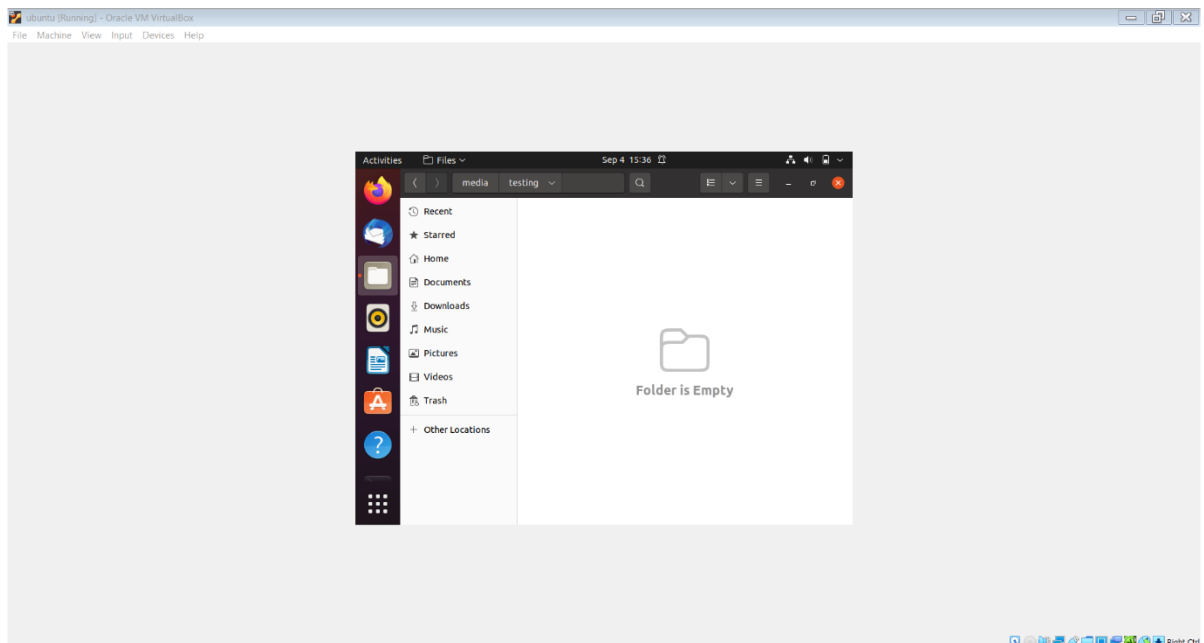


```
charles@charles-VirtualBox:~$ dpkg-query -f='${Package} ${Version} ${Architecture} ${Description}\n' --get-all-files
libjifs-java-doc - Documentation for libjifs-java (CIFS/SMB library for Java)
nfs-trace - NFS tracing/monitoring/capturing/analyzing tool
python3-smbc - python 3 bindings for the Samba client library
registry-tools - tools for viewing and manipulating the Windows registry
s3ql - Full-featured file system for online data storage
s3ql-obj - Full-featured file system for online data storage (debugging symbols)
samba-testsuite - test suite from Samba
smb2cli - SMB/CIFS network client with a web interface
smb4k - Samba (SMB) share advanced browser
charles@charles-VirtualBox:~$ sudo apt-get install cifs-utils
[sudo] password for charles:
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
chromium-codecs-ffmpeg-extra gstreamer1.0-vaaapi 1965-va-driver
intel-media-va-driver libaacs0 libaom0 libass9 libavcodec58 libavformat58
libavutil56 libbdplus0 libblas3 libbluray2 libbz20b libchromaprint1
libcdec2-0.9 libdav1d4 libfftw3-double3 libflite1 libgme0 libgsm1
libgstreamer-plugins-bad1.0-0 libgdm1 liblily-0-0 libmfx1 libmysofa1
libnorm1 libopenmpt0 libopen-3.0 libpostproc5 librabbitmq4 librubberband2
libserd-0-0 libshine3 libsnappy1v5 libsoxr0-0 libstrat0-0
libstr1.4-gnutls libssh-gcrypt-4 libswresample3 libswscale5 libudfread0
libva-drm2 libva-wayland2 libva-x11-2 libva2 libvdpau libvidstab1.1
libv261-192 libv4l2c0 libvpx libzvt-common libzvt0 mesa-va-drivers
mesa-vdpau-drivers pocketphinx-en-us va-driver-all vdpau-driver-all
Use 'sudo apt autoremove' to remove them.
Suggested packages:
```

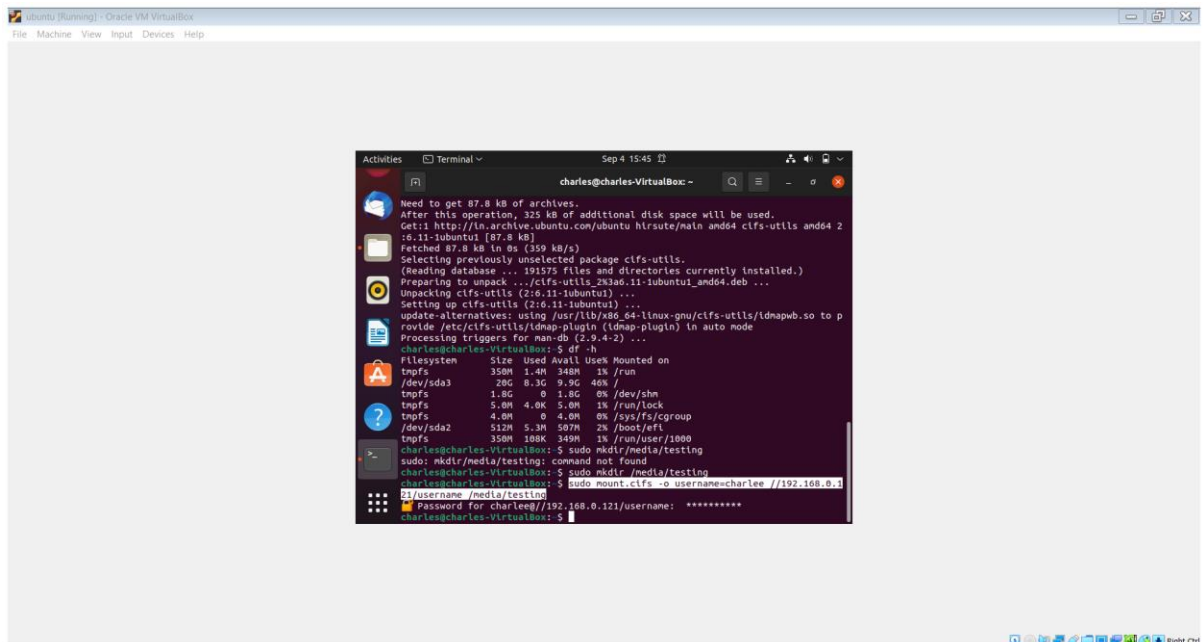




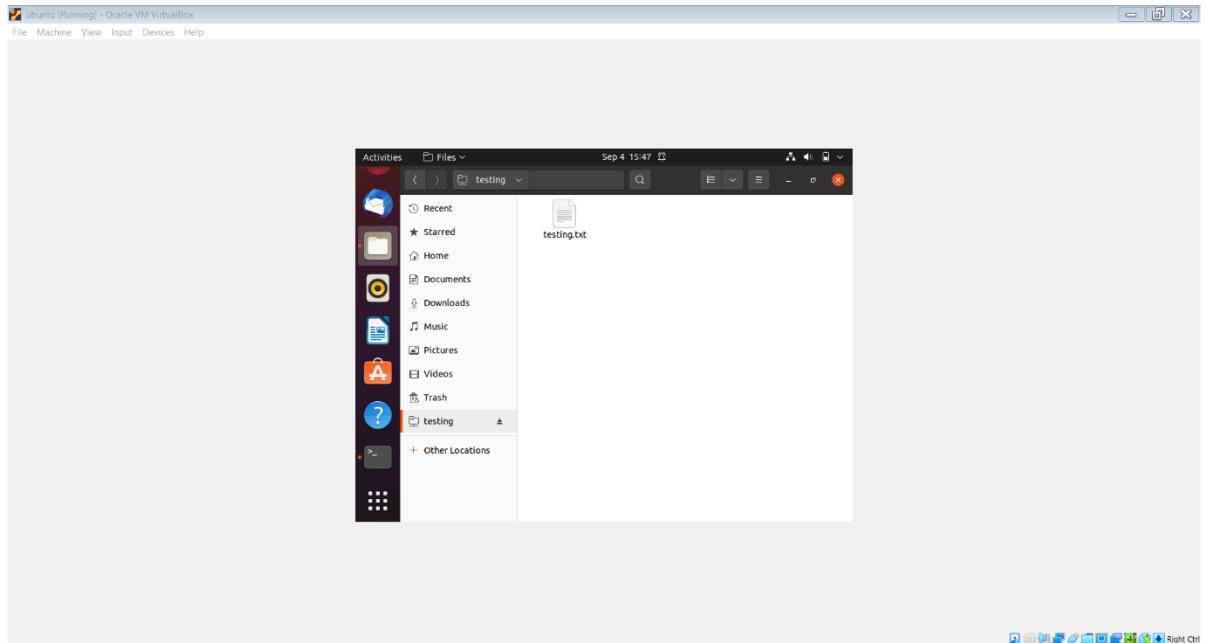
Now check whether the file is created or not. Go to files ->other locations->media->testing. U can see there is no file



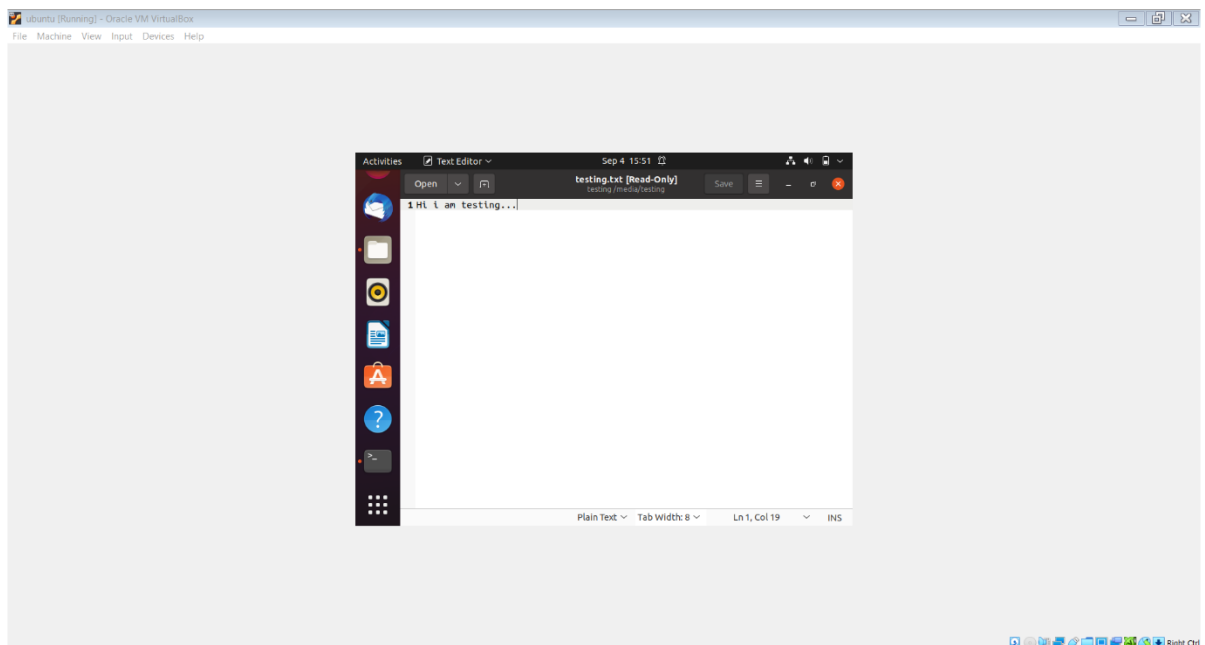
-o username=(give ur windows account name) // paste the ip address which u copied from the windows cmd



now again go to files give ->other locations->computer->media->testing in that u can a text doc file named testing.txt which we created before in the username folder

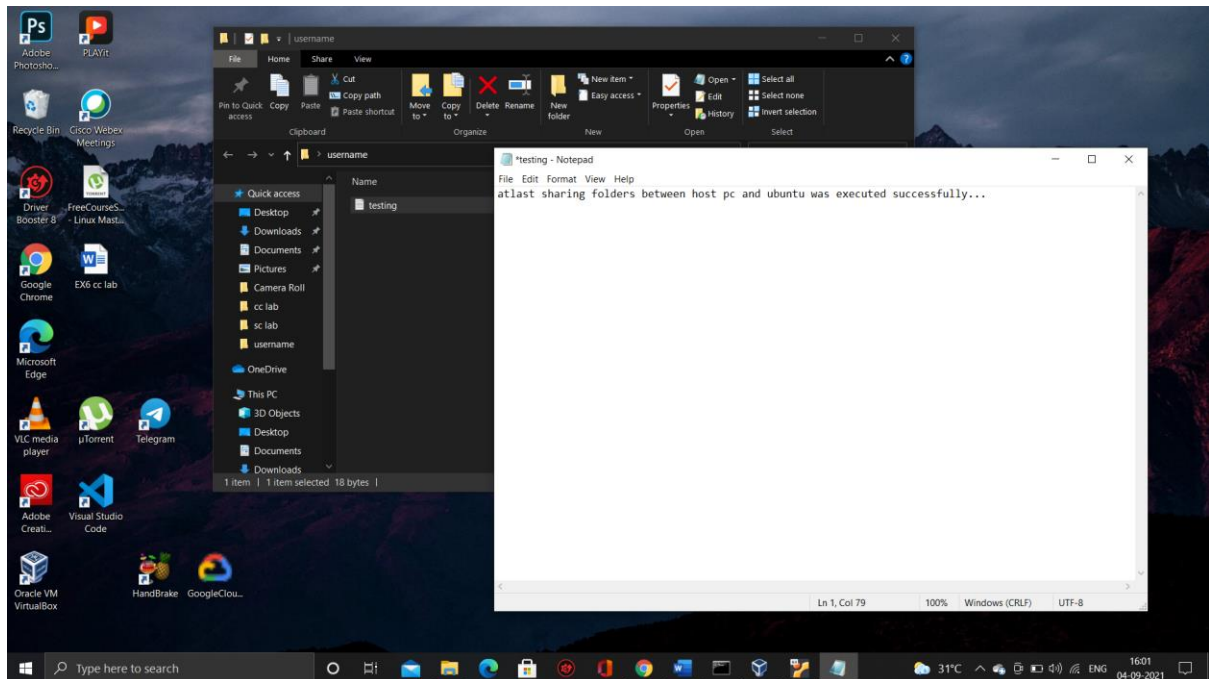


When u click testing.txt u can see Hi i am testing... which we typed before in the testing.txt





Now for checking whether the changes we done in testing.txt in username folder will also change in testing.txt in ubuntu or not for that type anything and save it



Now if u check the testing.txt in ubuntu u can see that changes that we made in windows testing.txt has also saved in testing.txt in ubuntu

