

Name: Rasmi Ranjan Nayak

Project 1 : Building Hacking Environment

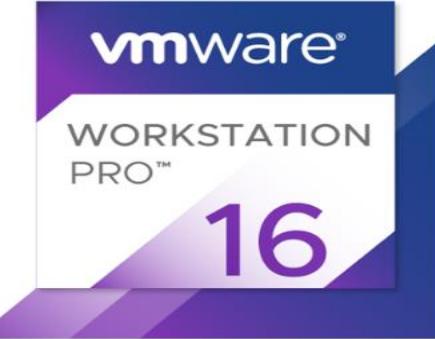
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kali-linux-2022.2-v....7z Canceled

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You can see the exe of vmware on Desktop



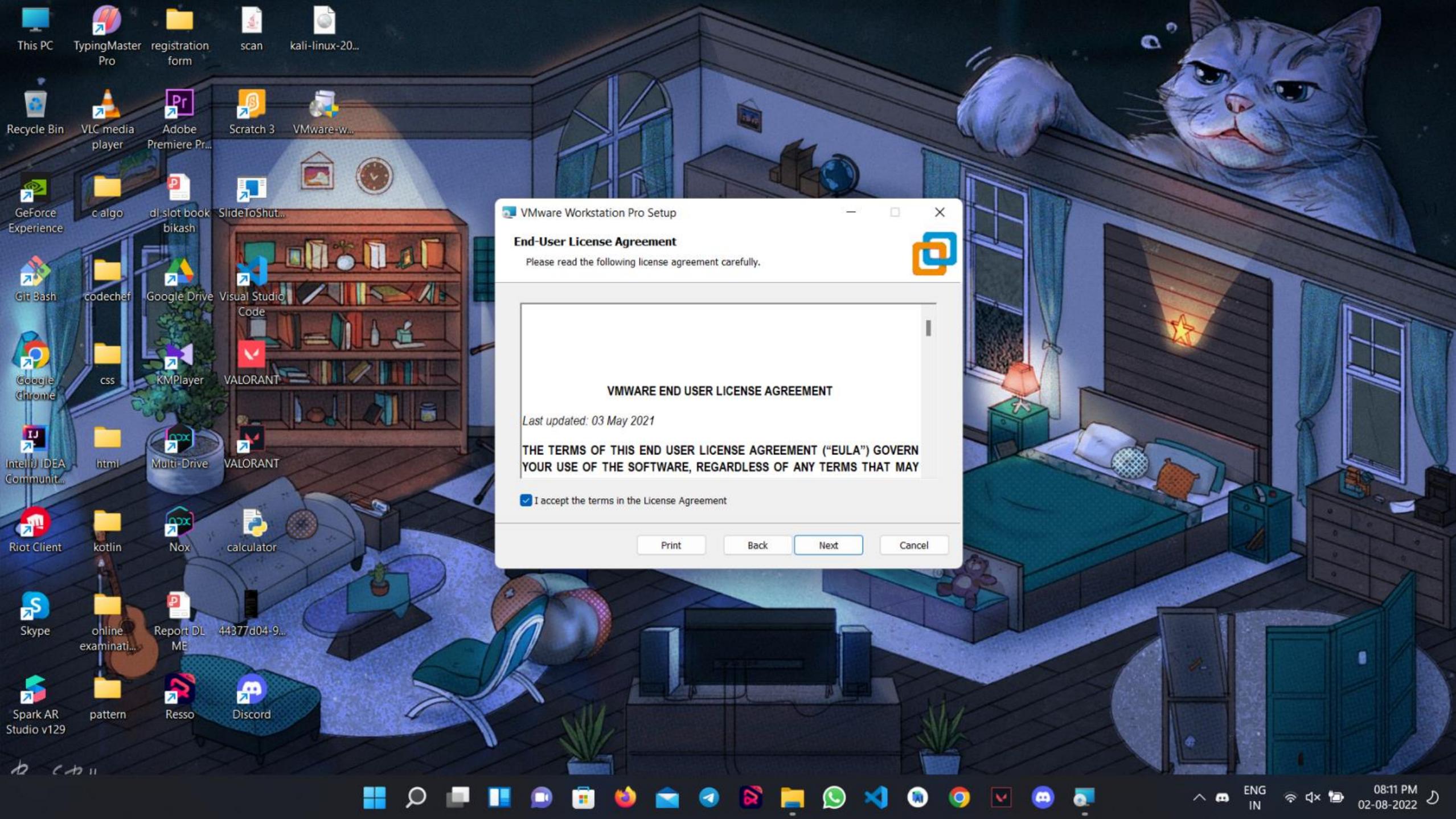
You can see the ISO (kali) on Desktop

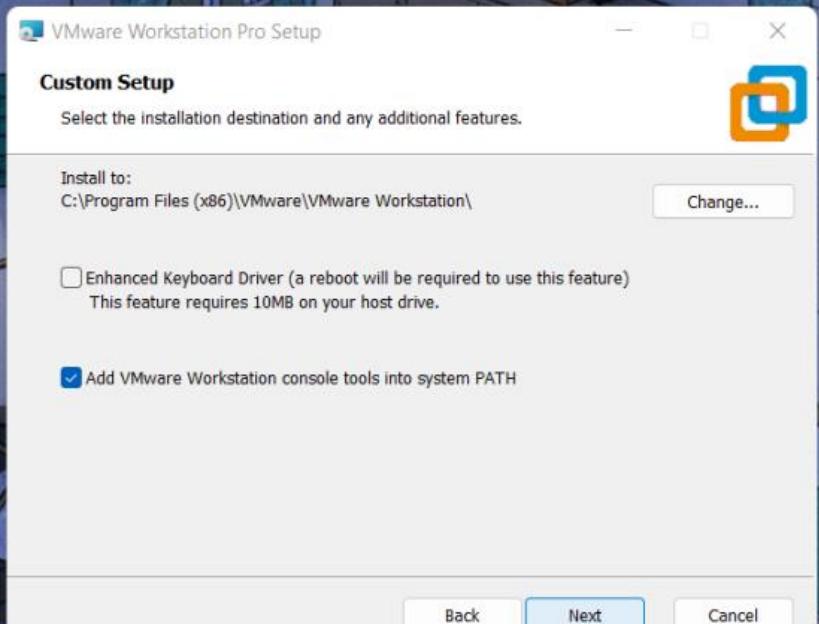
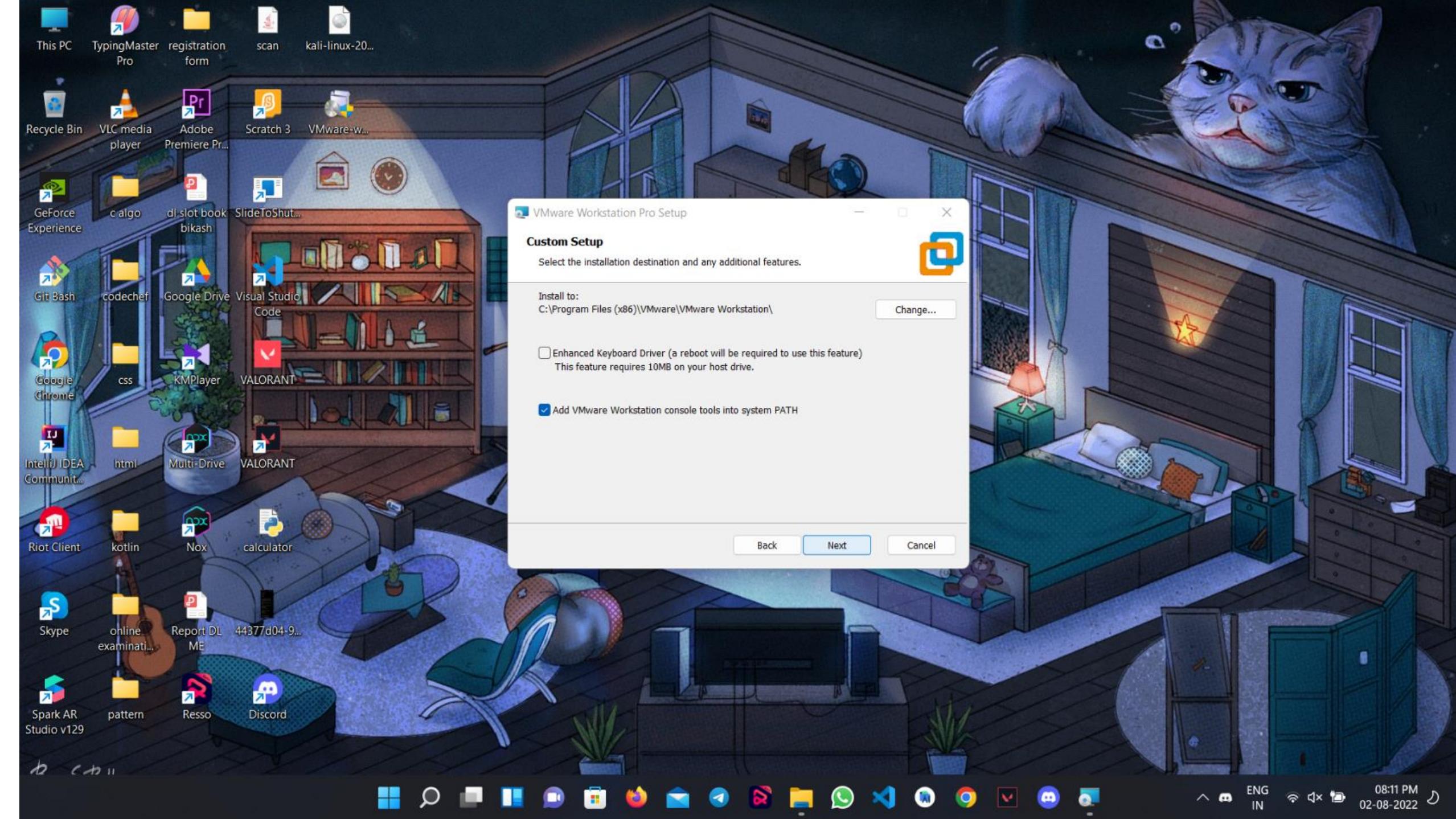


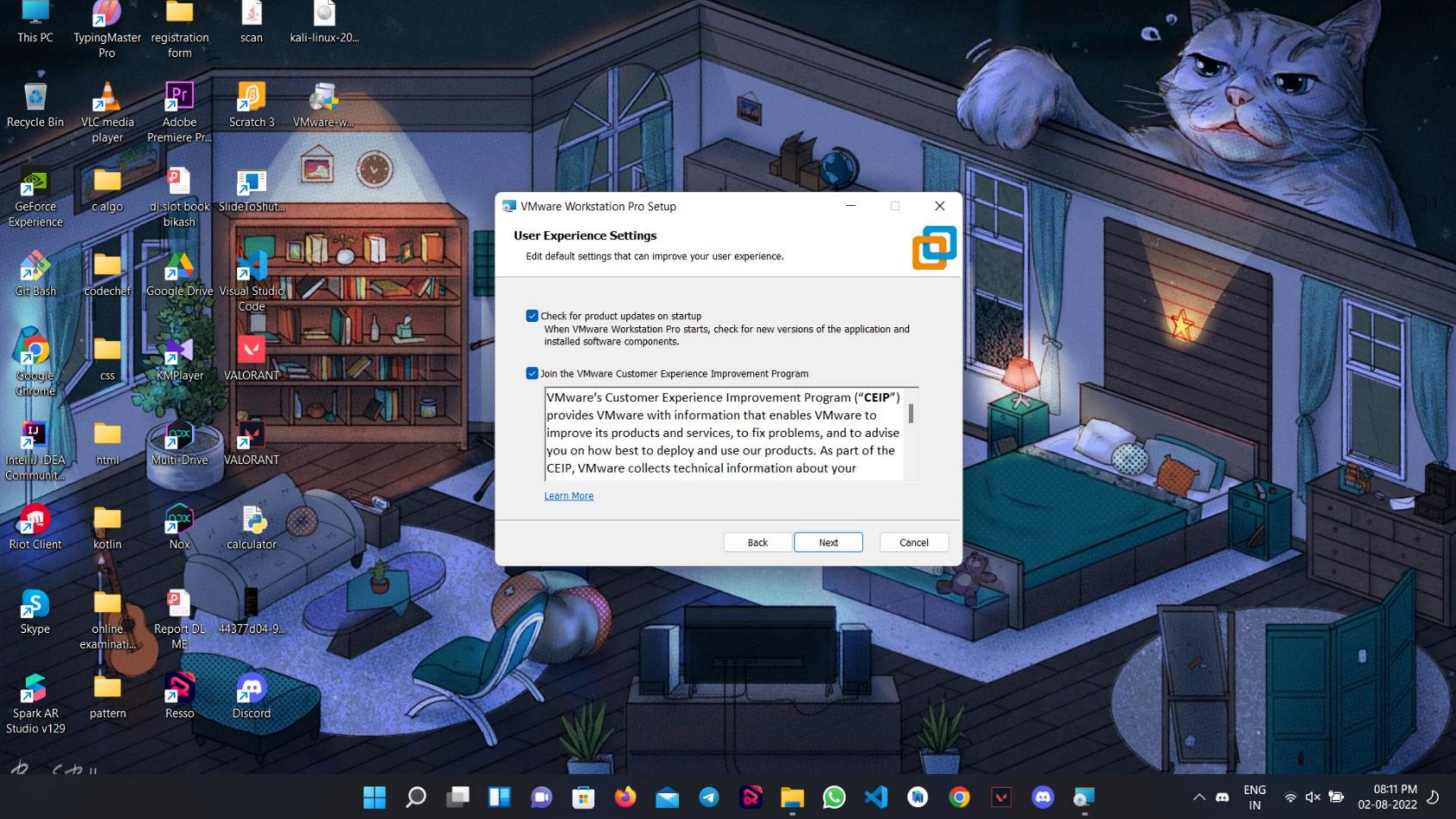
Run Vmware exe as administrator and follow the normal steps shown below

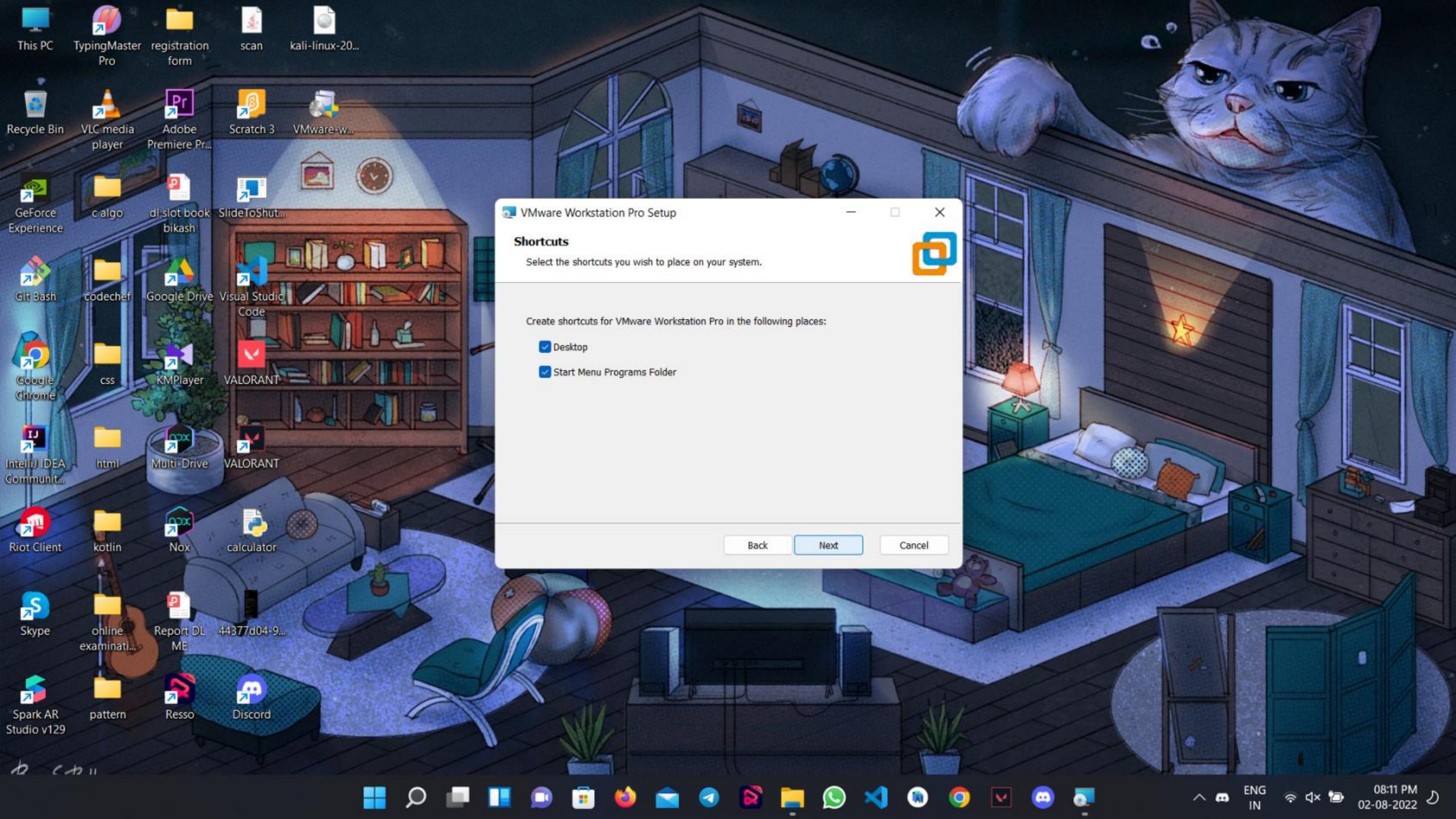


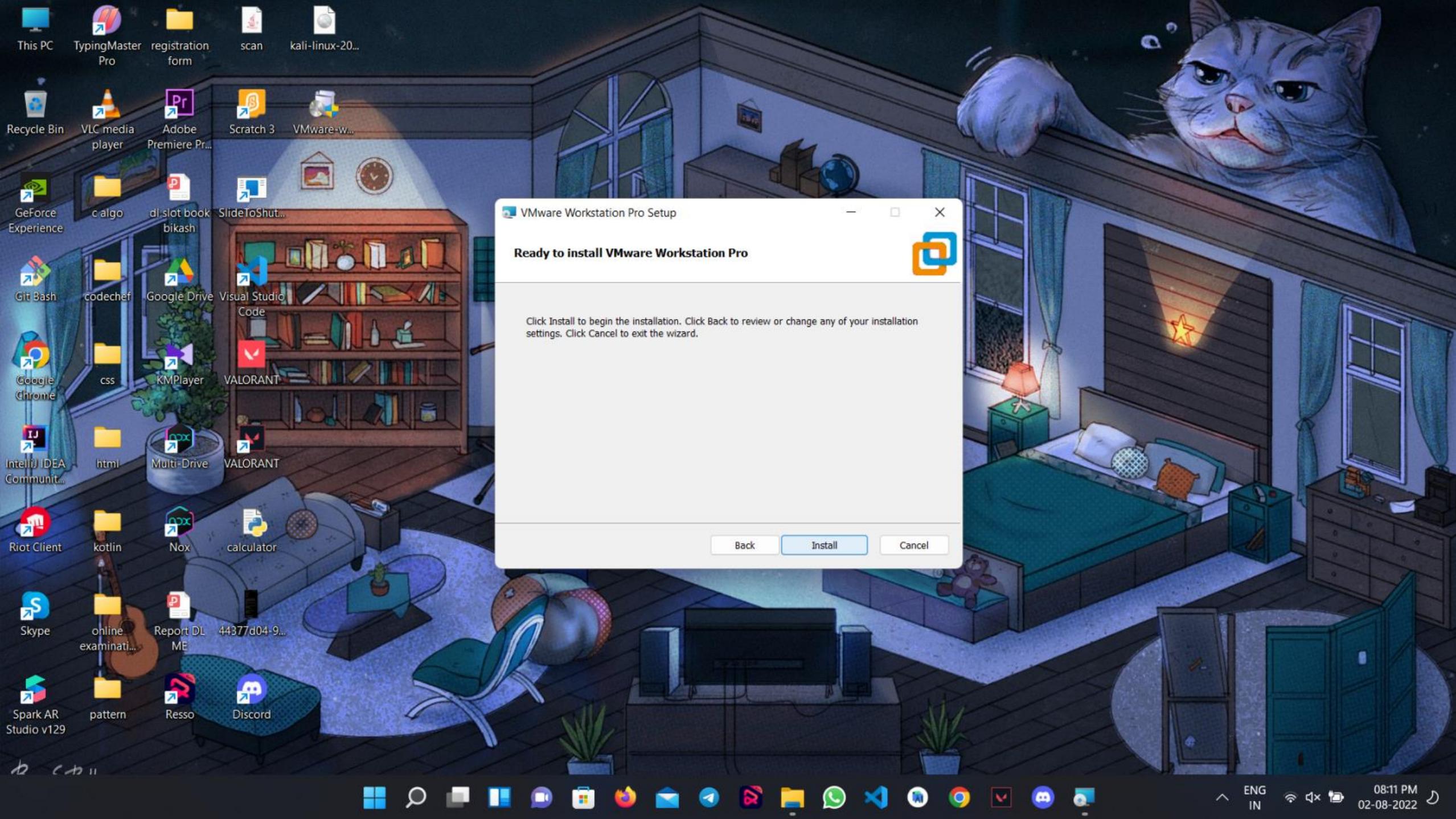


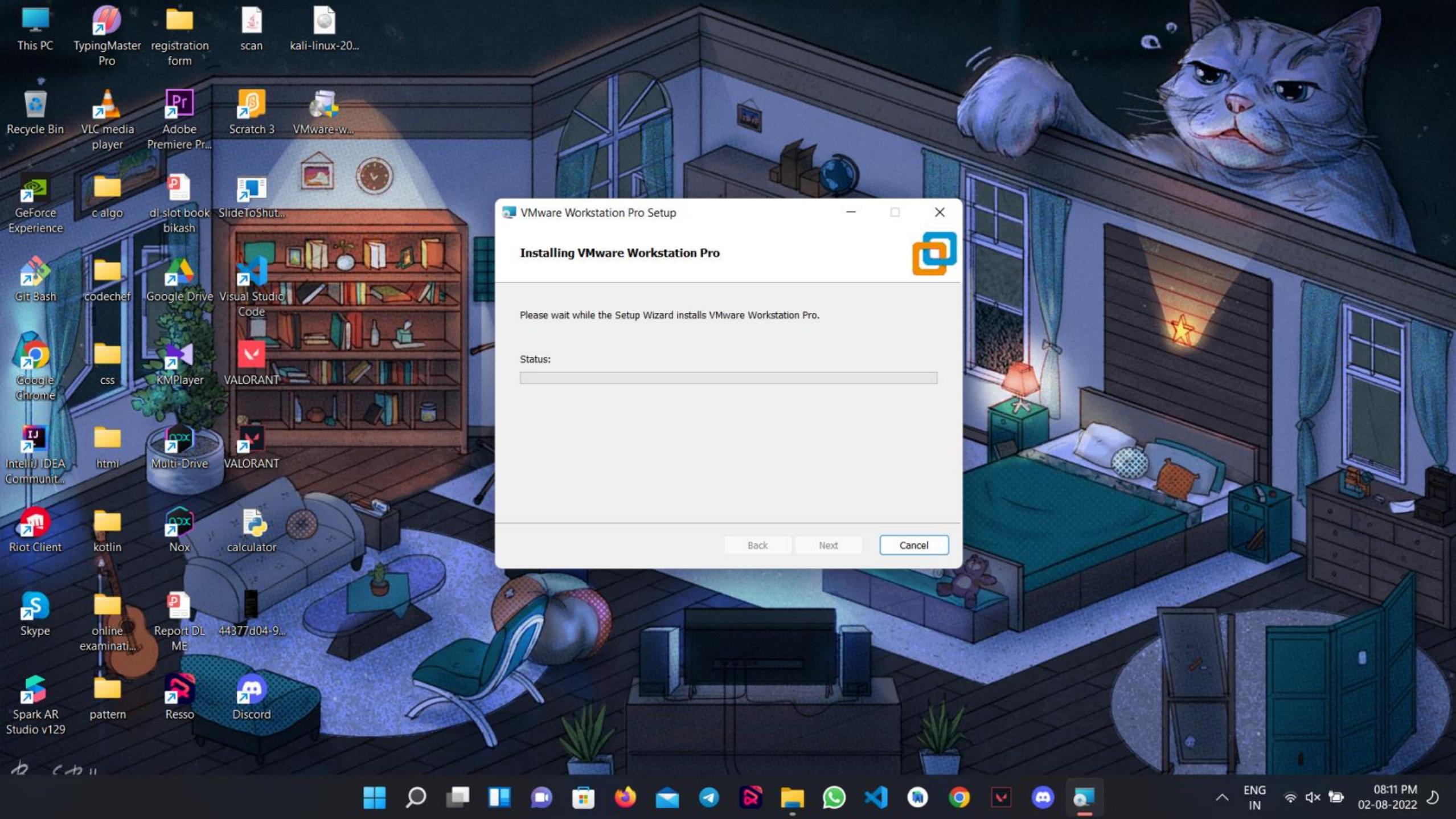


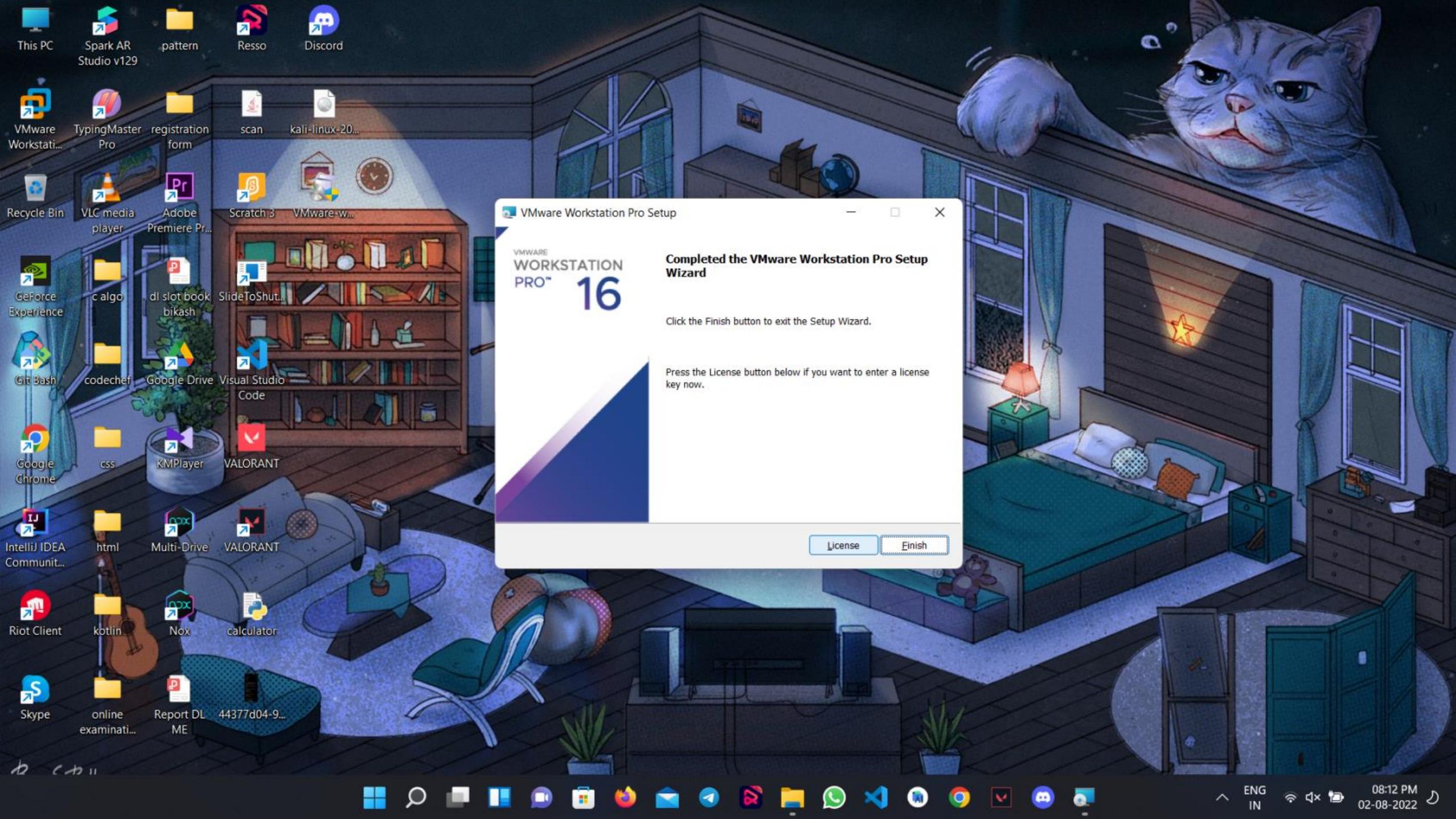




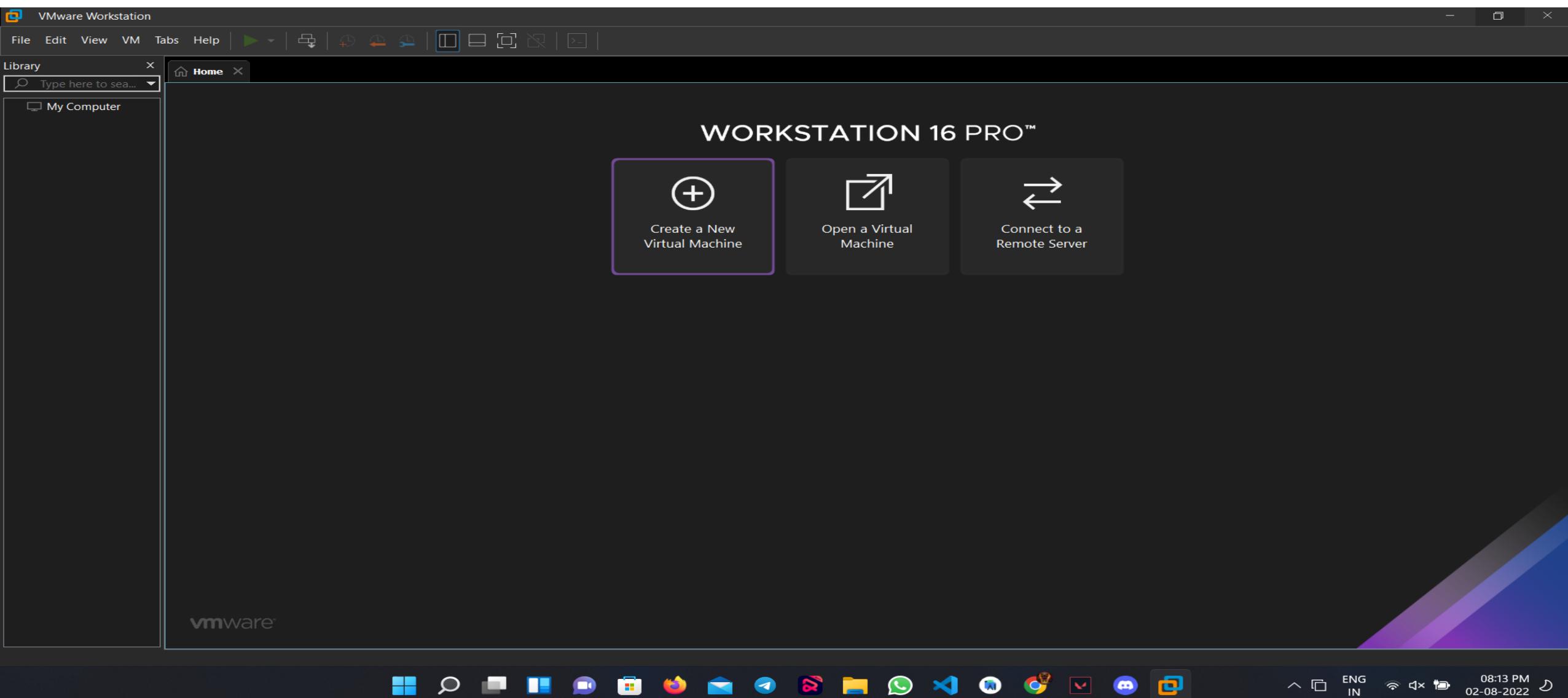




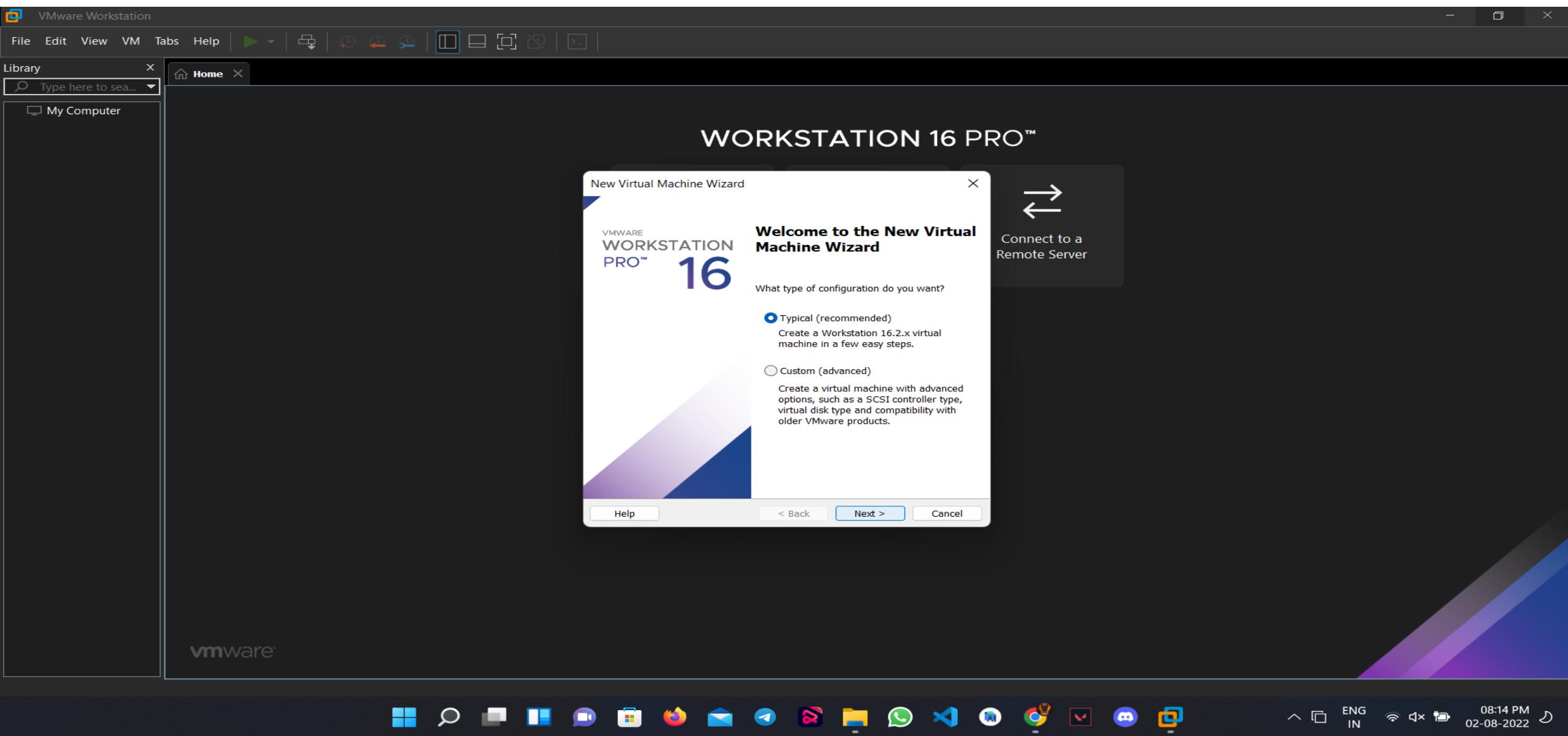




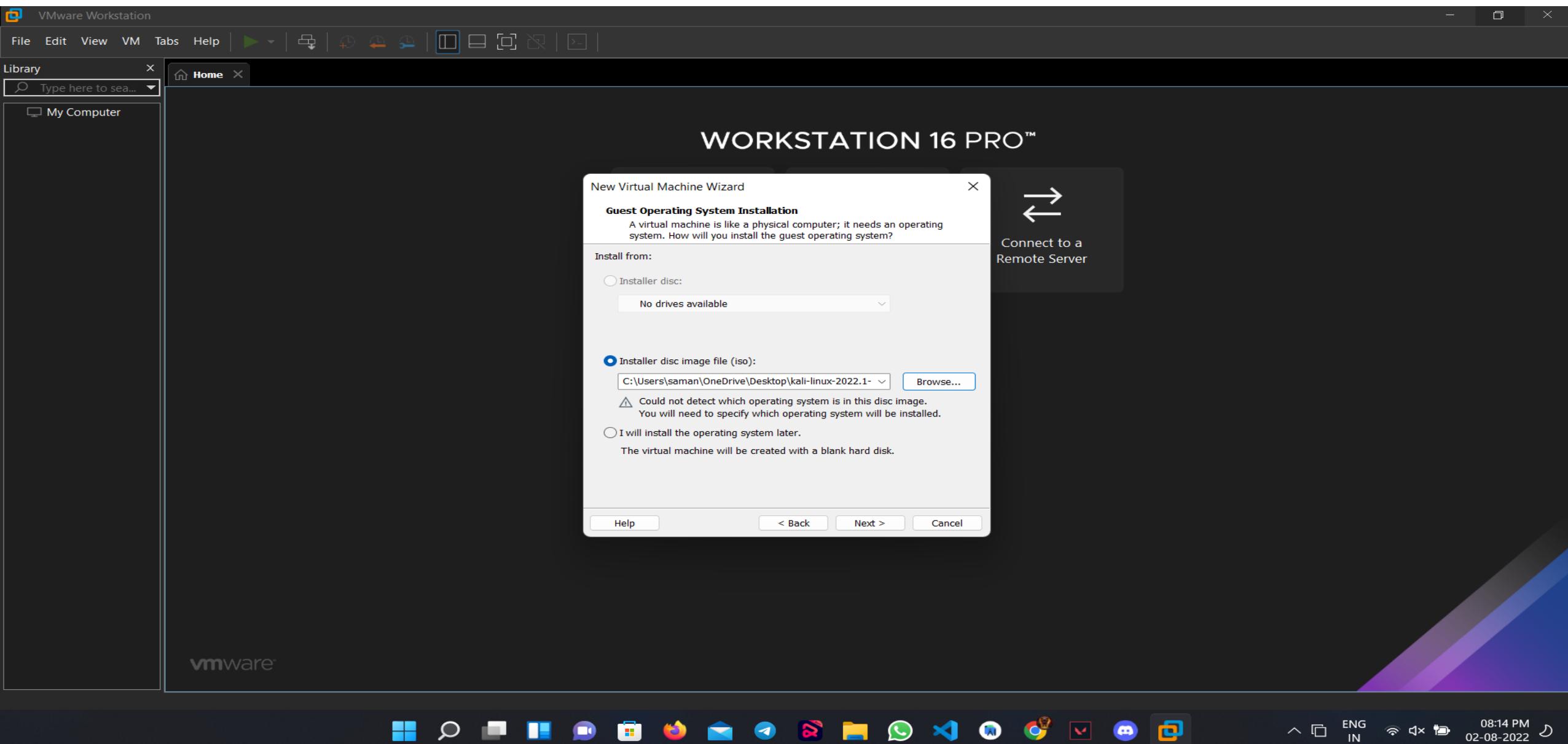
Now your vmware is installed.Now time to install kali click on create a new virtual machine



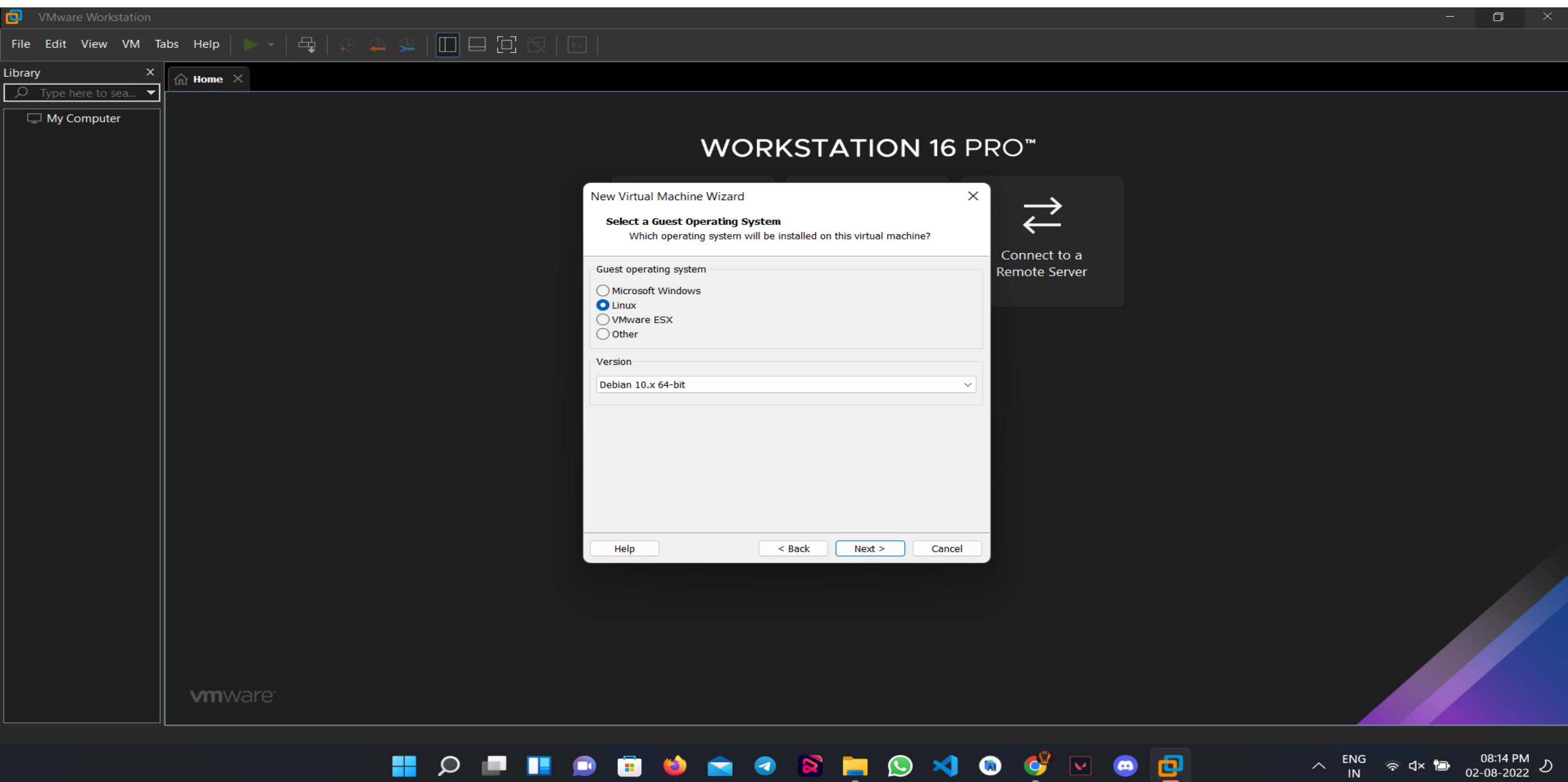
Click on Typical



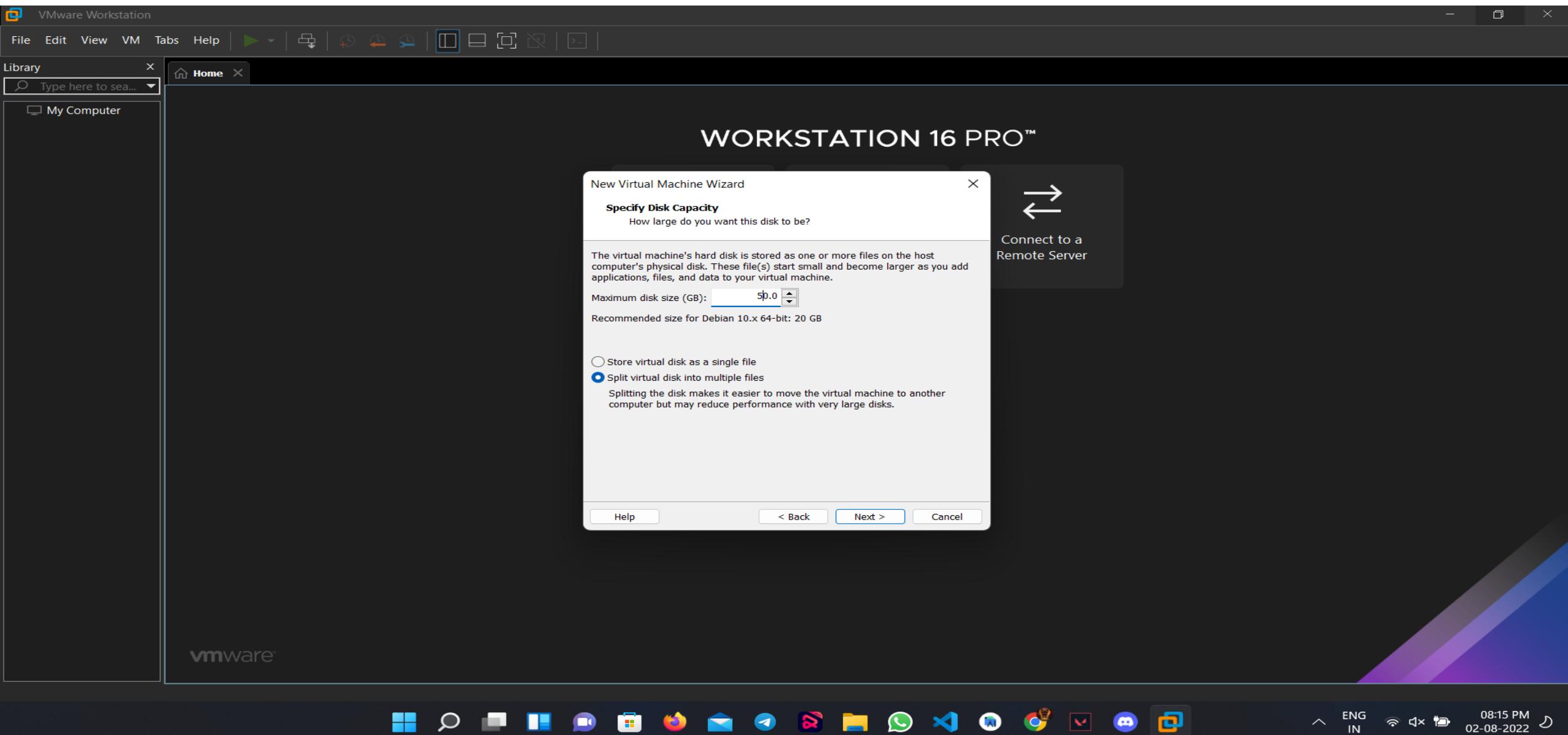
Locate the iso file



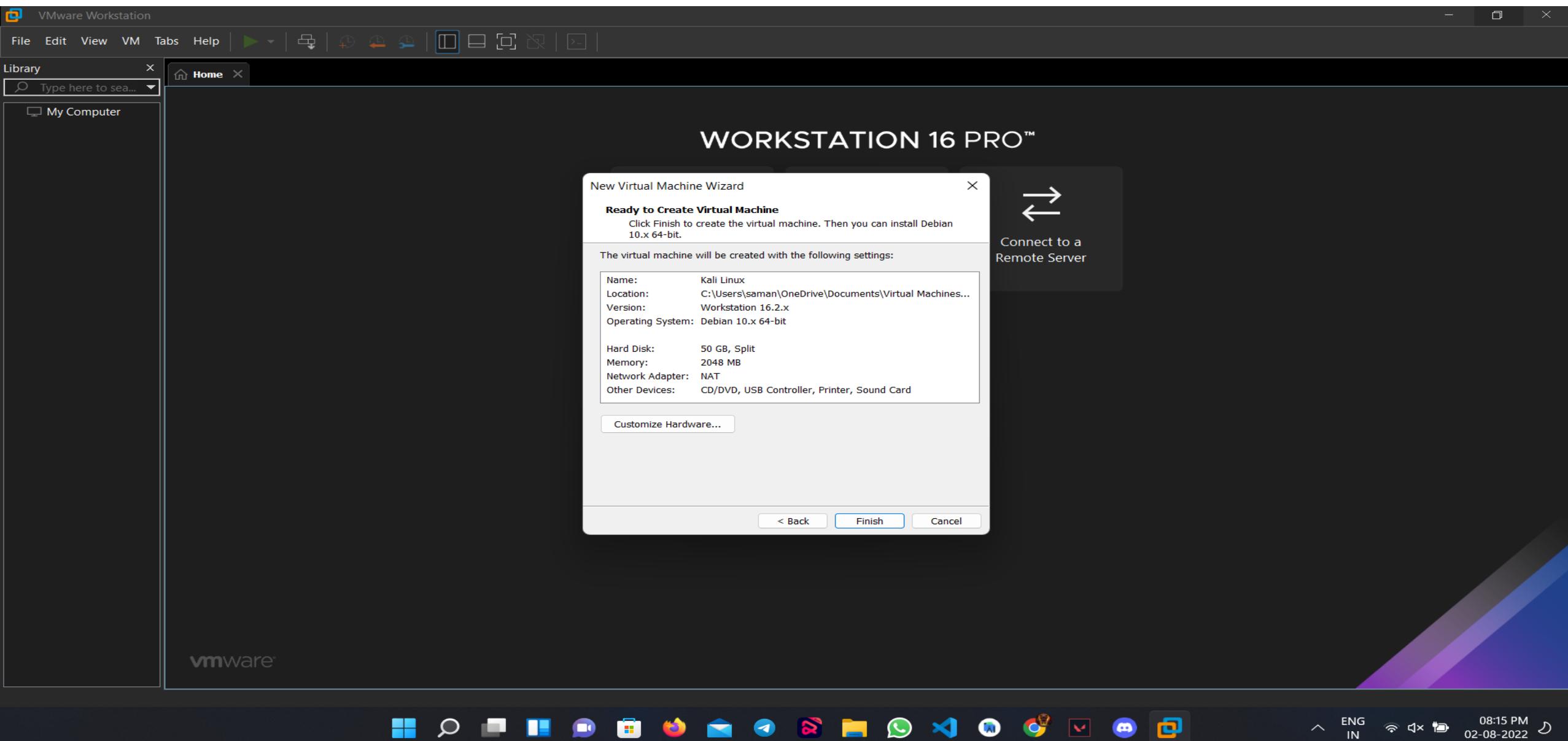
Select guest operating system as Kali and Version Debian 10.x 64-bit

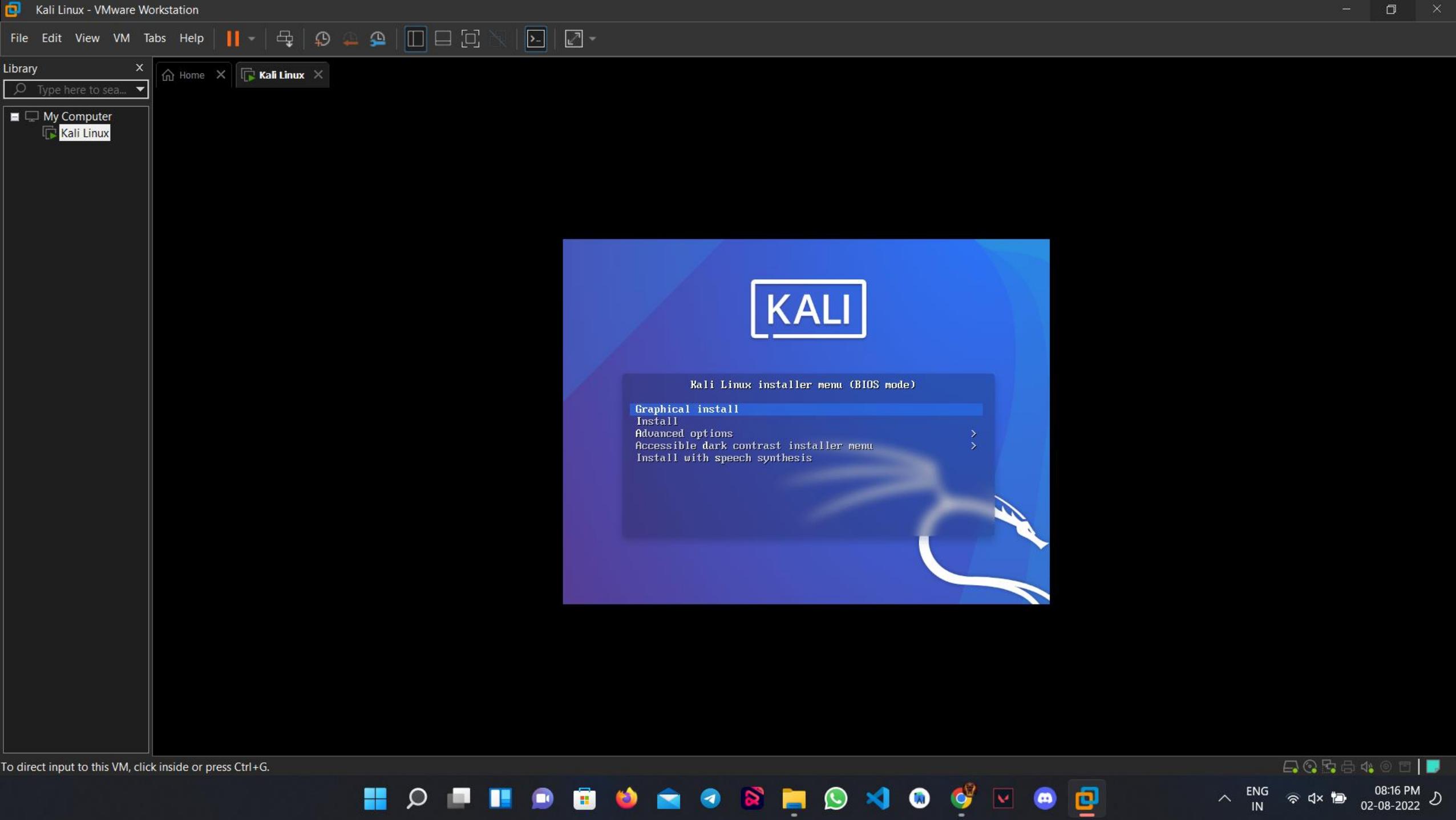


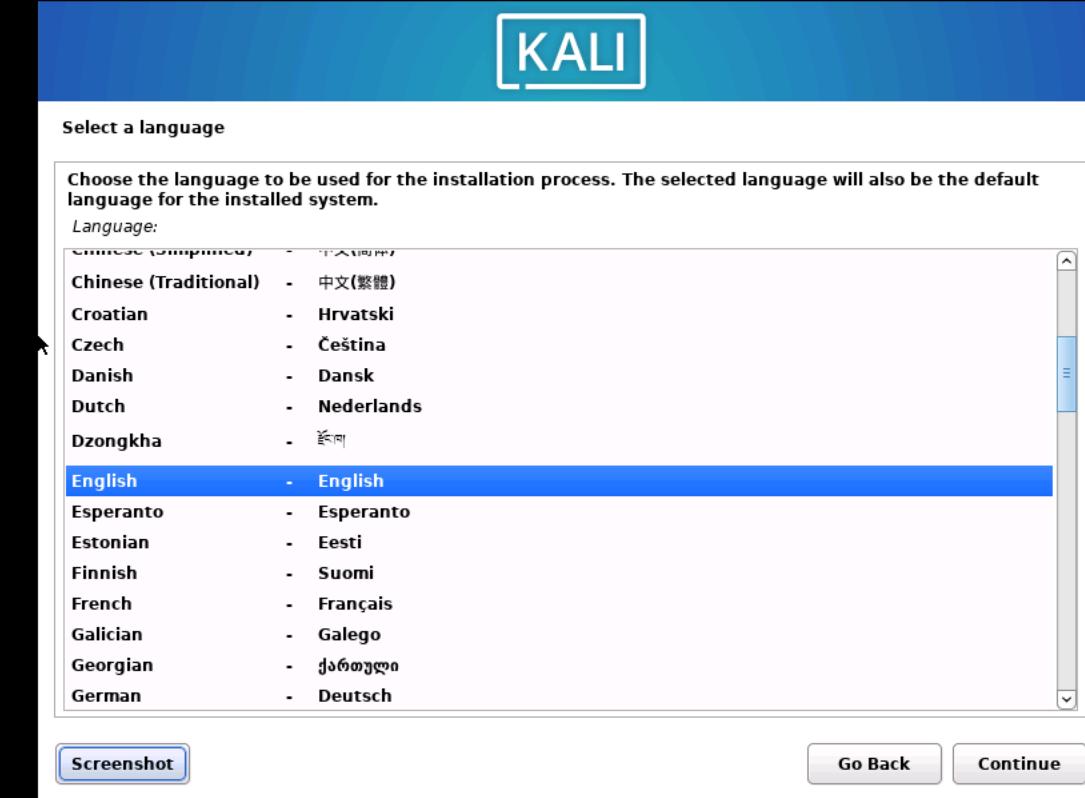
Select Disk Size according to your convenience



Now follow recommended process







Write your full name



Set up users and passwords

A user account will be created for you to use instead of the root account for non-administrative activities.

Please enter the real name of this user. This information will be used for instance as default origin for emails sent by this user as well as any program which displays or uses the user's real name. Your full name is a reasonable choice.

Full name for the new user:

Rasmi Ranjan Nayak

Write username according to your wish



Set up users and passwords

Select a username for the new account. Your first name is a reasonable choice. The username should start with a lower-case letter, which can be followed by any combination of numbers and more lower-case letters.

Username for your account:

rasmi

Set Password



Set up users and passwords

A good password will contain a mixture of letters, numbers and punctuation and should be changed at regular intervals.

Choose a password for the new user:

••••

Show Password in Clear

Please enter the same user password again to verify you have typed it correctly.

Re-enter password to verify:

••••

Show Password in Clear

Follow recommended procedure



Partition disks

If you continue, the changes listed below will be written to the disks. Otherwise, you will be able to make further changes manually.

The partition tables of the following devices are changed:
SCSI3 (0,0,0) (sda)

The following partitions are going to be formatted:
partition #1 of SCSI3 (0,0,0) (sda) as ext4
partition #5 of SCSI3 (0,0,0) (sda) as swap

Write the changes to disks?

- No
 Yes



KALI

Install the base system

Installing the base system

Installing core packages...

Software selection

At the moment, only the core of the system is installed. The default selections below will install Kali Linux with its standard desktop environment and the default tools.

You can customize it by choosing a different desktop environment or a different collection of tools.

Choose software to install:

- Desktop environment [selecting this item has no effect]**
 - ... Xfce (Kali's default desktop environment)
 - ... GNOME
 - ... KDE Plasma
- Collection of tools [selecting this item has no effect]**
 - ... top10 -- the 10 most popular tools
 - ... default -- recommended tools (available in the live system)

KALI

Select and install software

Select and install software

Retrieving file 545 of 2107 (42s remaining)

Install the GRUB boot loader

It seems that this new installation is the only operating system on this computer. If so, it should be safe to install the GRUB boot loader to your primary drive (UEFI partition/boot record).

Warning: If your computer has another operating system that the installer failed to detect, this will make that operating system temporarily unbootable, though GRUB can be manually configured later to boot it.

Install the GRUB boot loader to your primary drive?

- No**
- Yes**

Install the GRUB boot loader

You need to make the newly installed system bootable, by installing the GRUB boot loader on a bootable device. The usual way to do this is to install GRUB to your primary drive (UEFI partition/boot record). You may instead install GRUB to a different drive (or partition), or to removable media.

Device for boot loader installation:

Enter device manually

/dev/sda



KALI

Finish the installation

Finishing the installation

Running simple-cdd...

Finish the installation

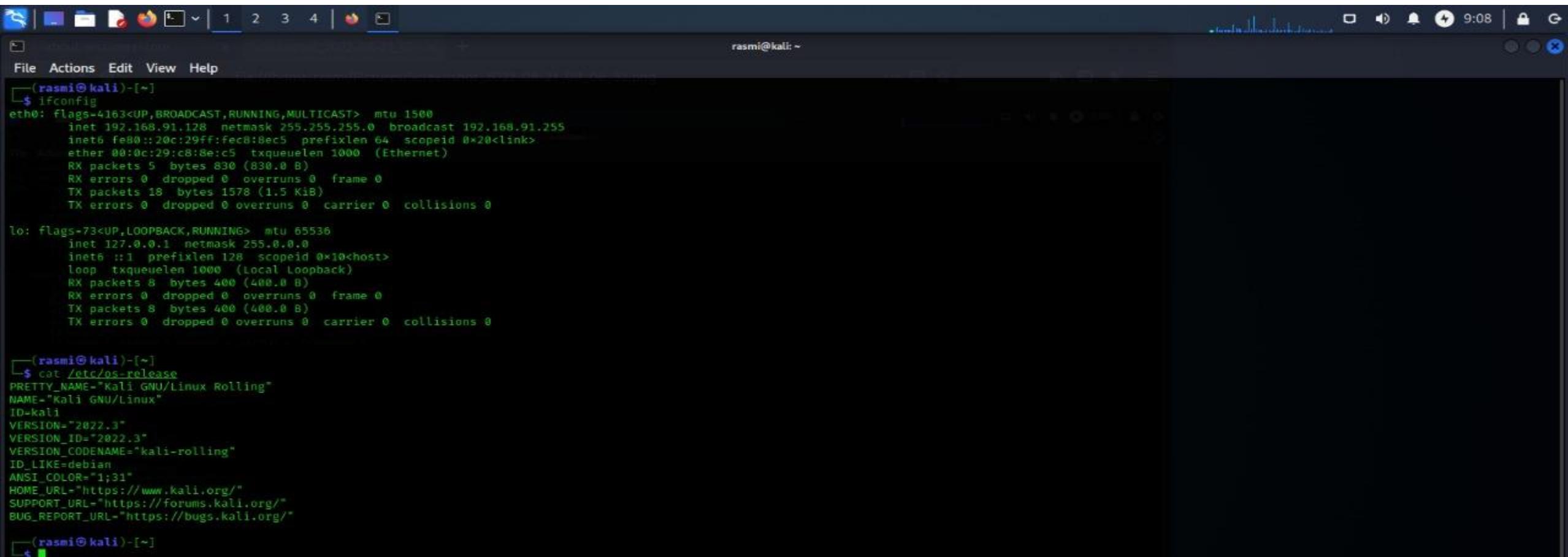


Installation complete

Installation is complete, so it is time to boot into your new system. Make sure to remove the installation media, so that you boot into the new system rather than restarting the installation.

Please choose <Continue> to reboot.

Installation Completed



The screenshot shows a terminal window on a Kali Linux desktop environment. The terminal displays the output of several commands:

- `ifconfig` command output:

```
(rasmi㉿kali)-[~]
$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 192.168.91.128 netmask 255.255.255.0 broadcast 192.168.91.255
        inet6 fe80::20c:29ff:fe00:8ec5 prefixlen 64 scopeid 0x20<link>
            ether 00:0c:29:8e:c5 txqueuelen 1000 (Ethernet)
            RX packets 5 bytes 830 (830.0 B)
            RX errors 0 dropped 0 overruns 0 frame 0
            TX packets 18 bytes 1578 (1.5 KiB)
            TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
    inet 127.0.0.1 netmask 255.0.0.0
        inet6 ::1 prefixlen 128 scopeid 0x10<host>
            loop txqueuelen 1000 (Local Loopback)
            RX packets 8 bytes 400 (400.0 B)
            RX errors 0 dropped 0 overruns 0 frame 0
            TX packets 8 bytes 400 (400.0 B)
            TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```
- `cat /etc/os-release` command output:

```
(rasmi㉿kali)-[~]
$ cat /etc/os-release
PRETTY_NAME="Kali GNU/Linux Rolling"
NAME="Kali GNU/Linux"
ID=kali
VERSION="2022.3"
VERSION_ID="2022.3"
VERSION_CODENAME="kali-rolling"
ID_LIKE=debian
ANSI_COLOR="1;31"
HOME_URL="https://www.kali.org/"
SUPPORT_URL="https://forums.kali.org/"
BUG_REPORT_URL="https://bugs.kali.org/"

(rasmi㉿kali)-[~]
```