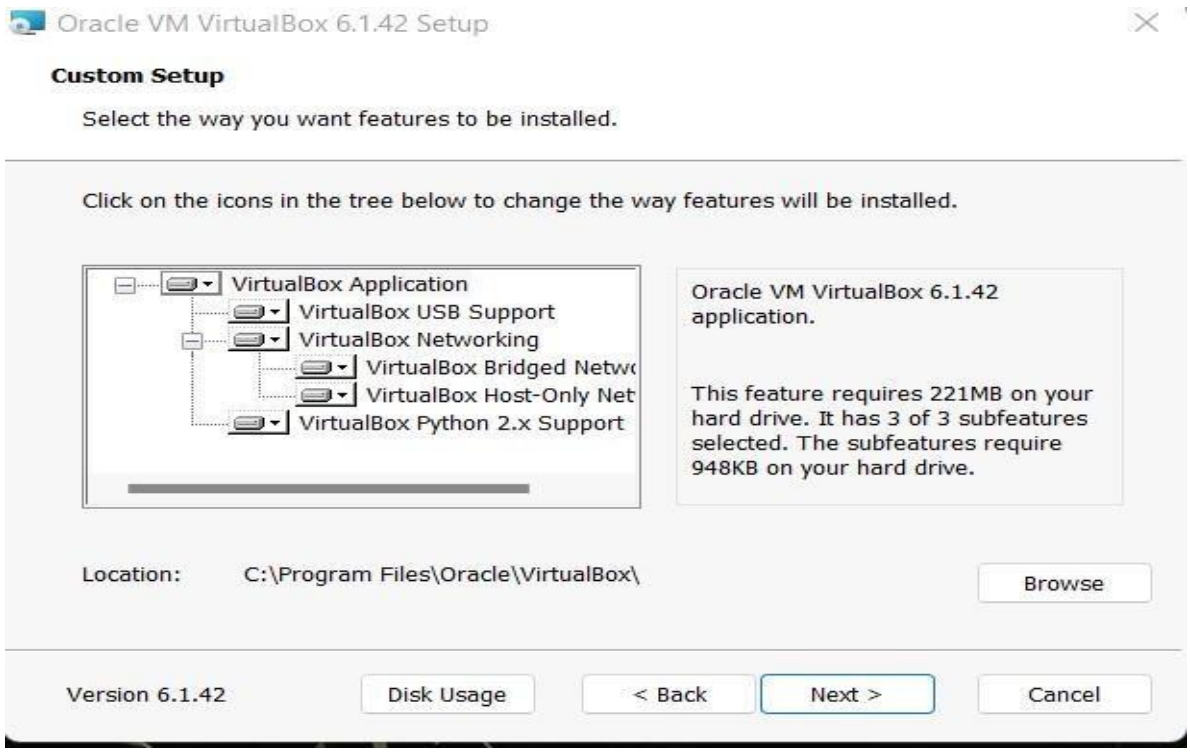
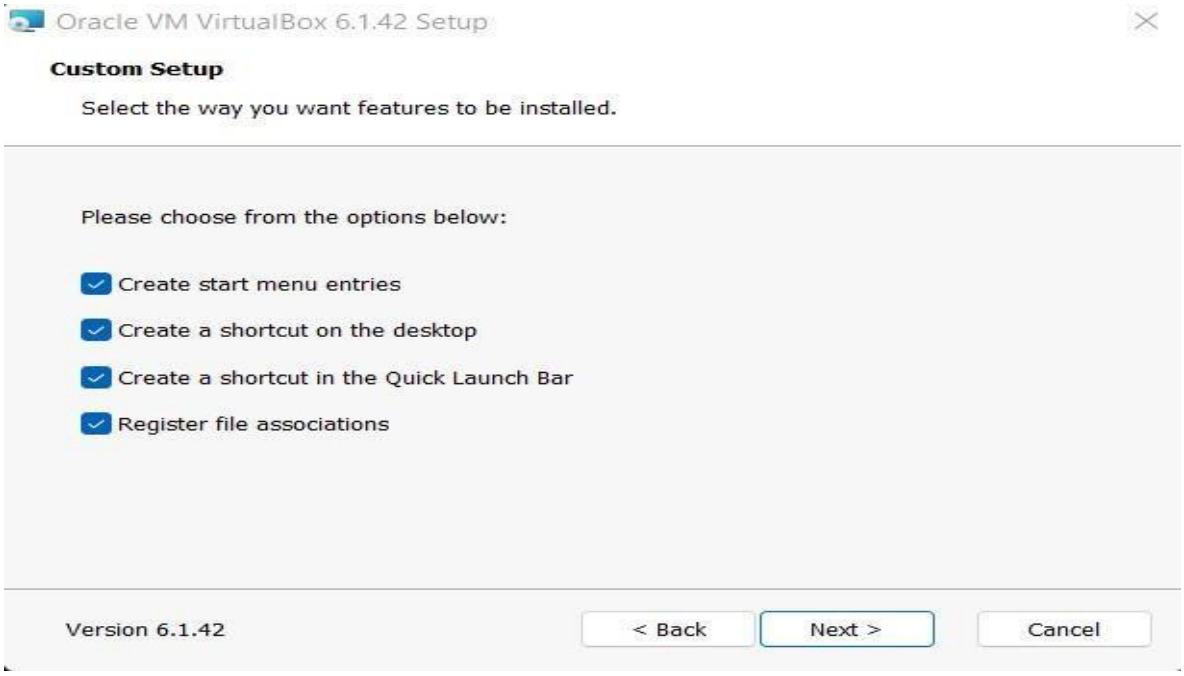
Steps :

1)Download and install Oracle's Virtual Box. (Reboot needed after installation)

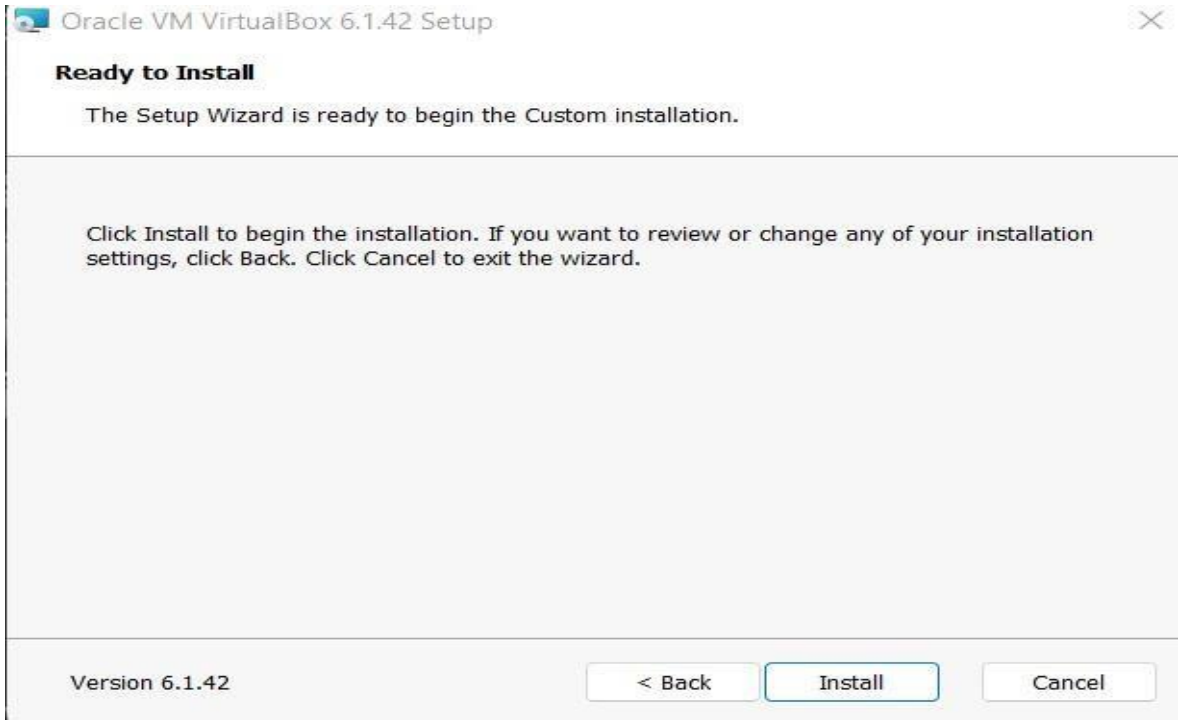


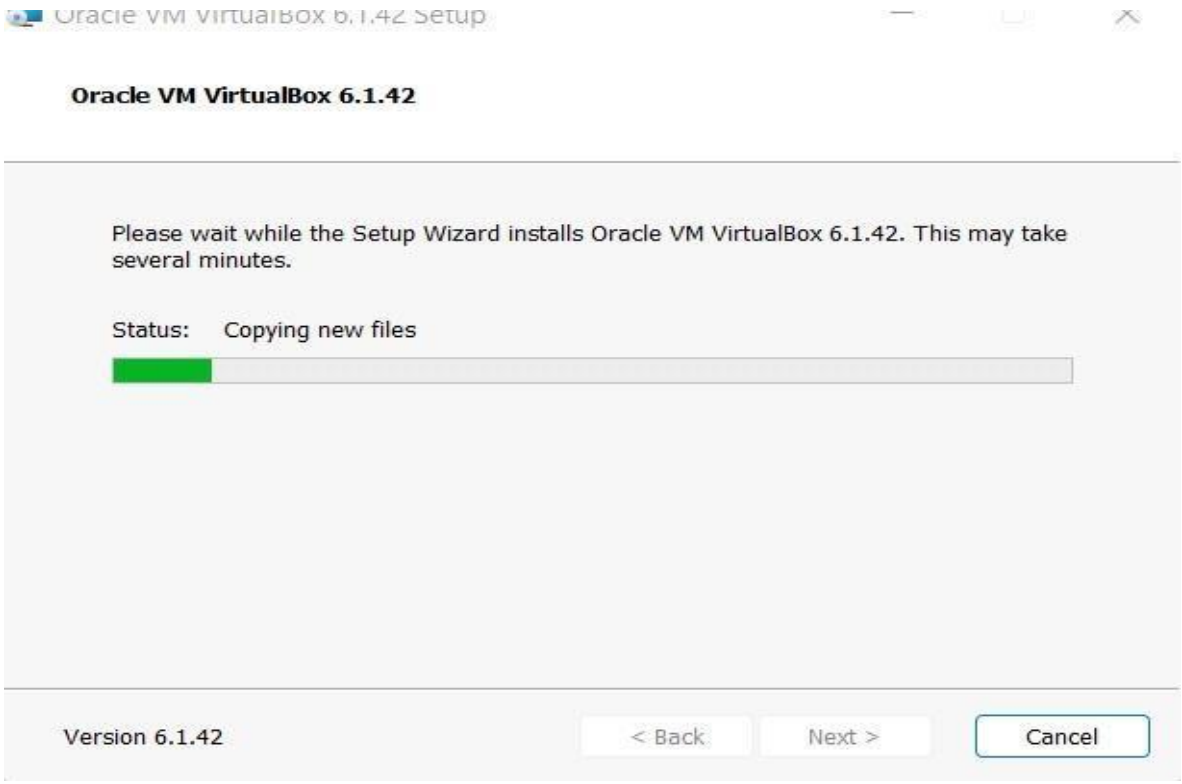
2)Now check all the checkbox and click on Next.



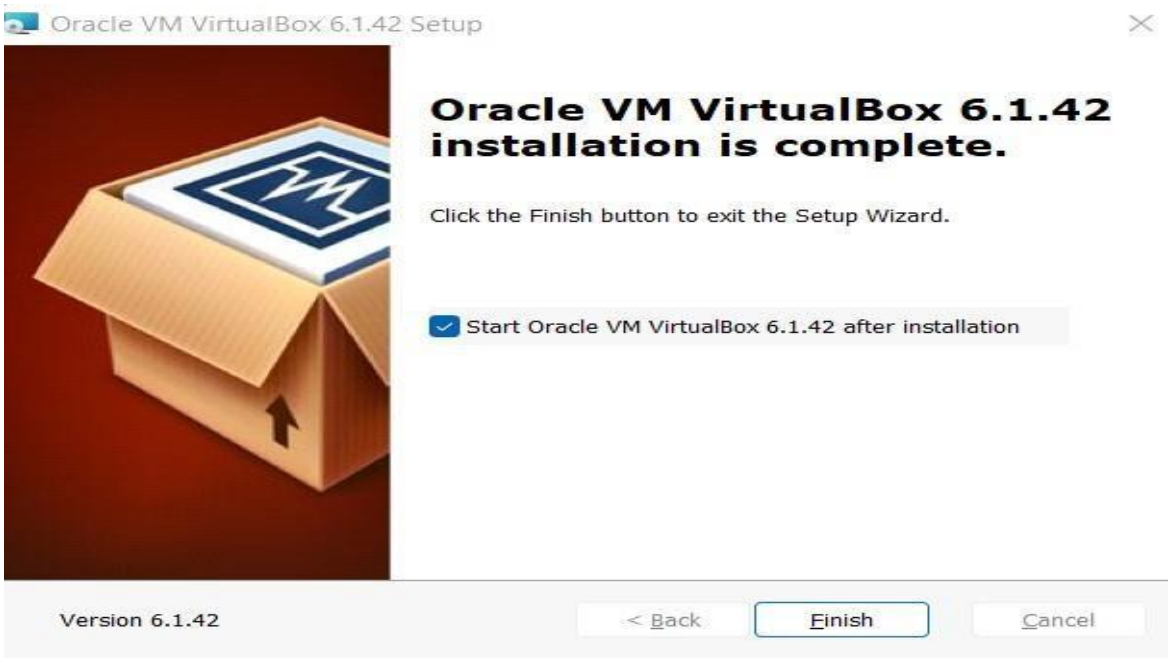
3)Then the confirmation window open. Click on YES to proceed further.

4)To start the installation click on Install.



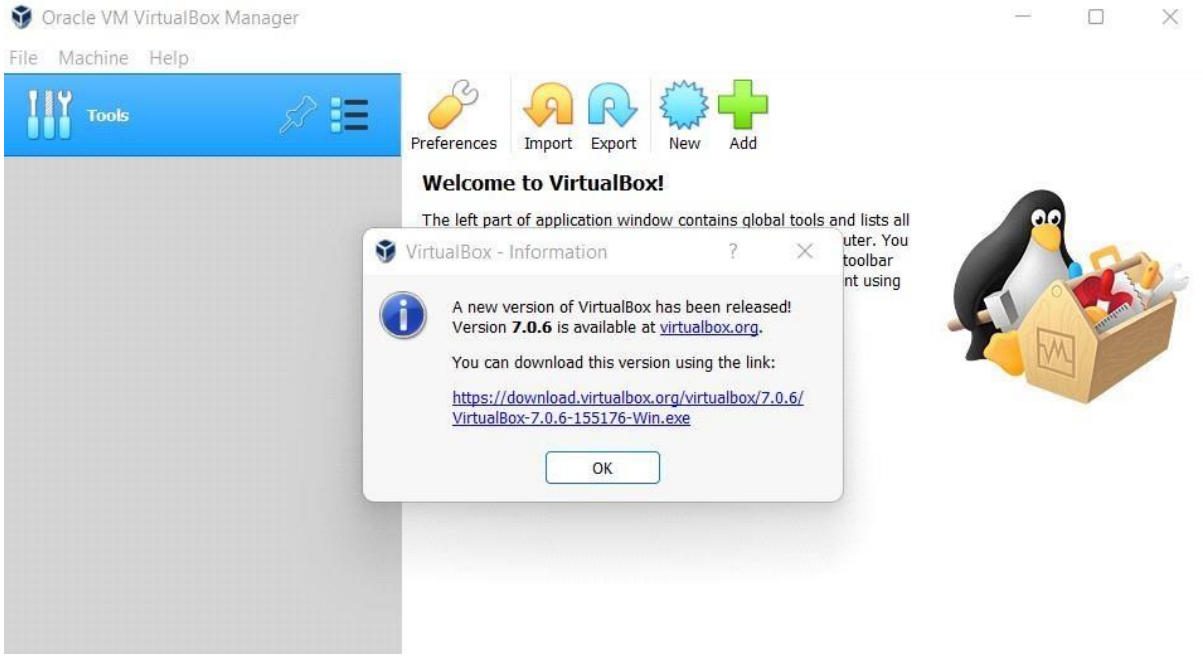


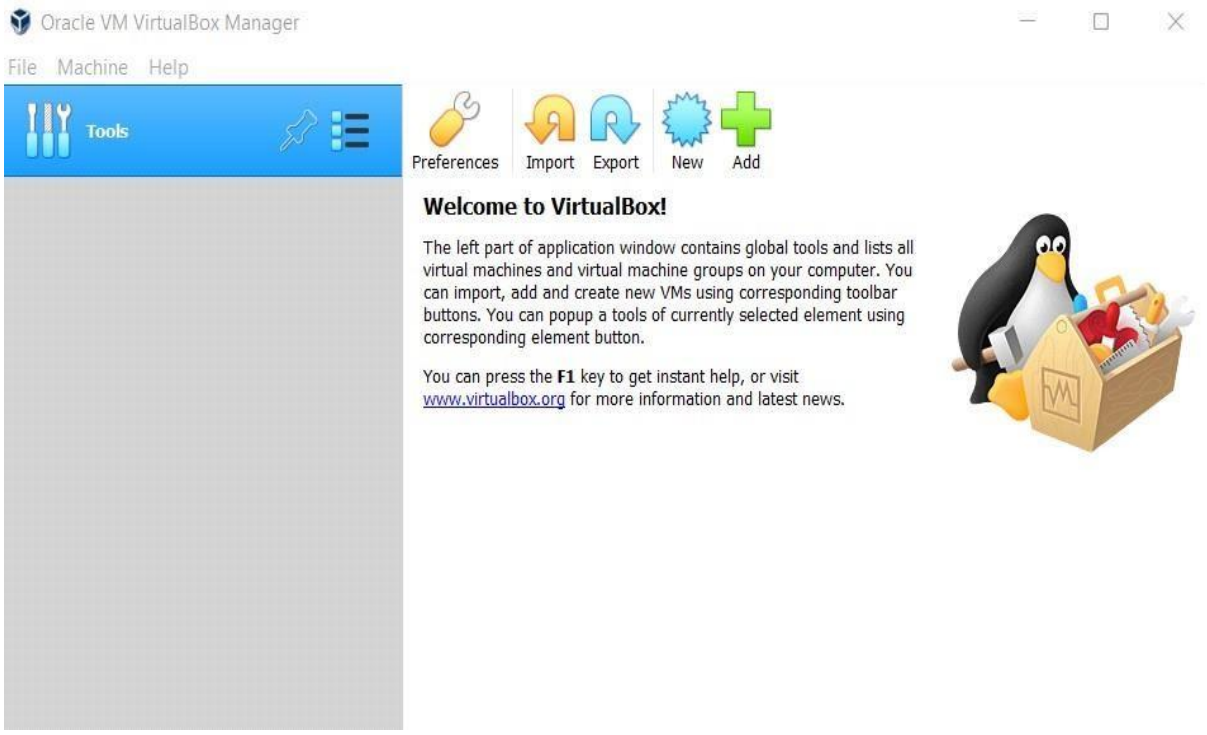
6) Click on "Finish" to complete installation.



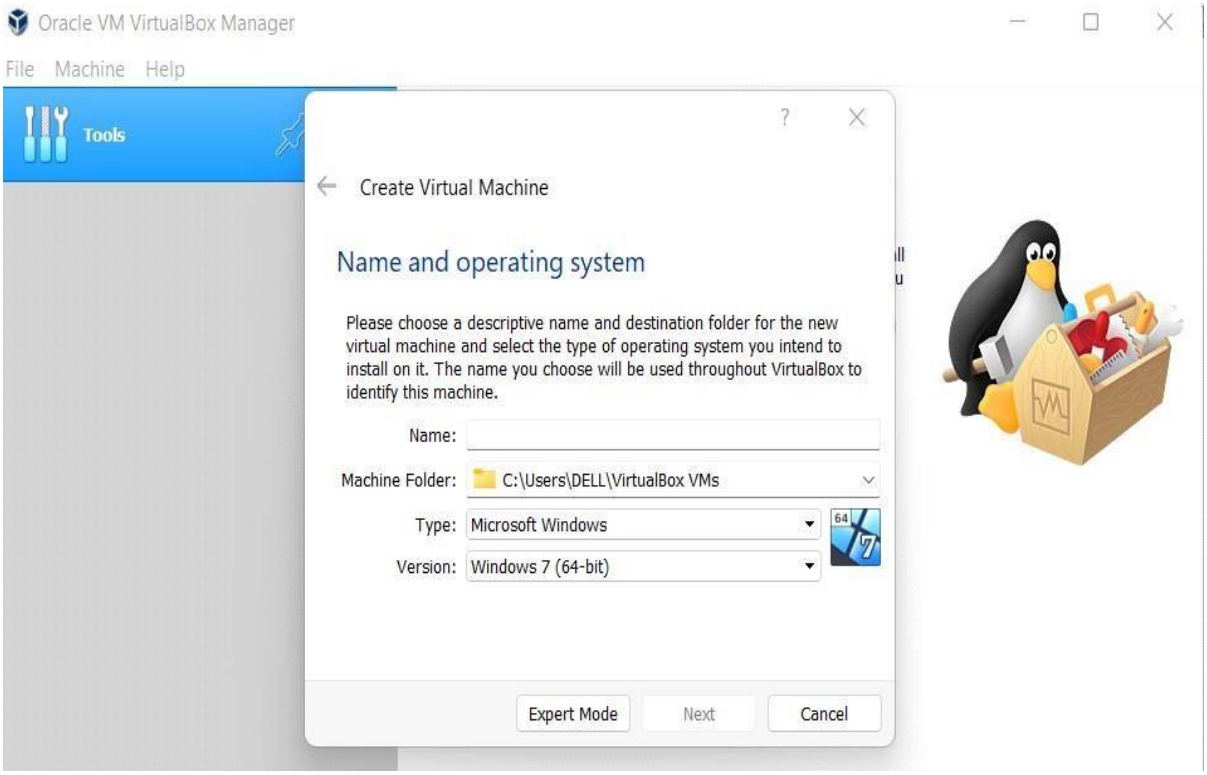
Steps to Create and connect two Virtual Machines:

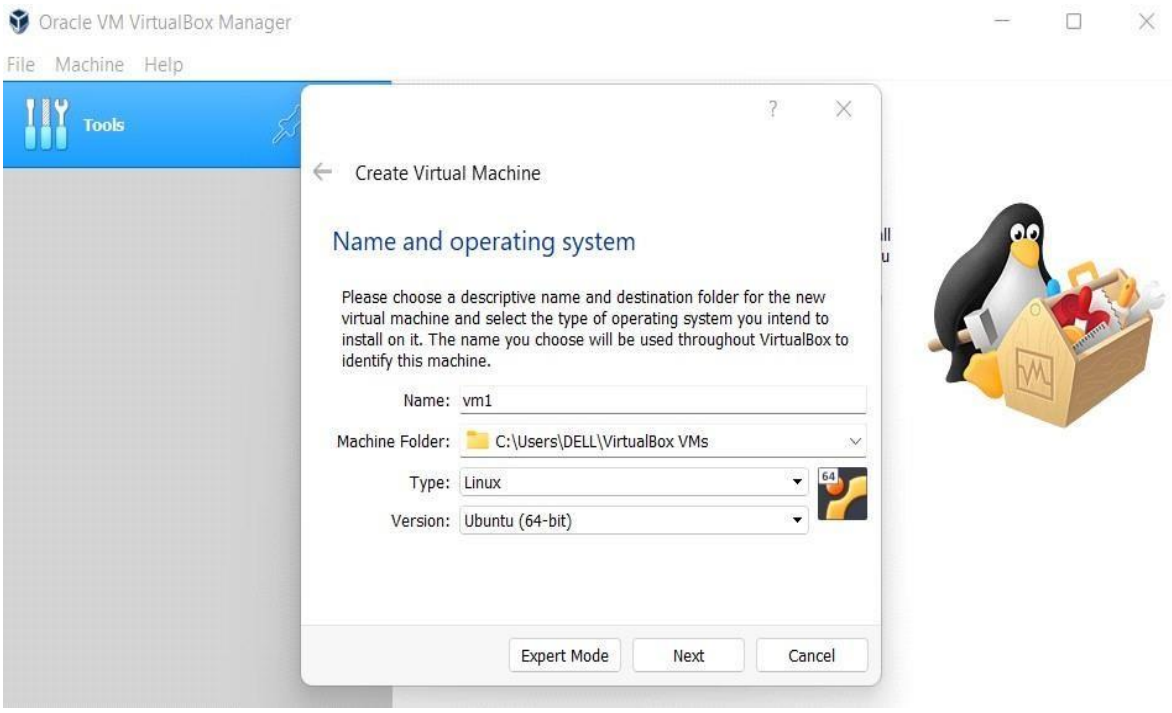
1) Click on the New icon.



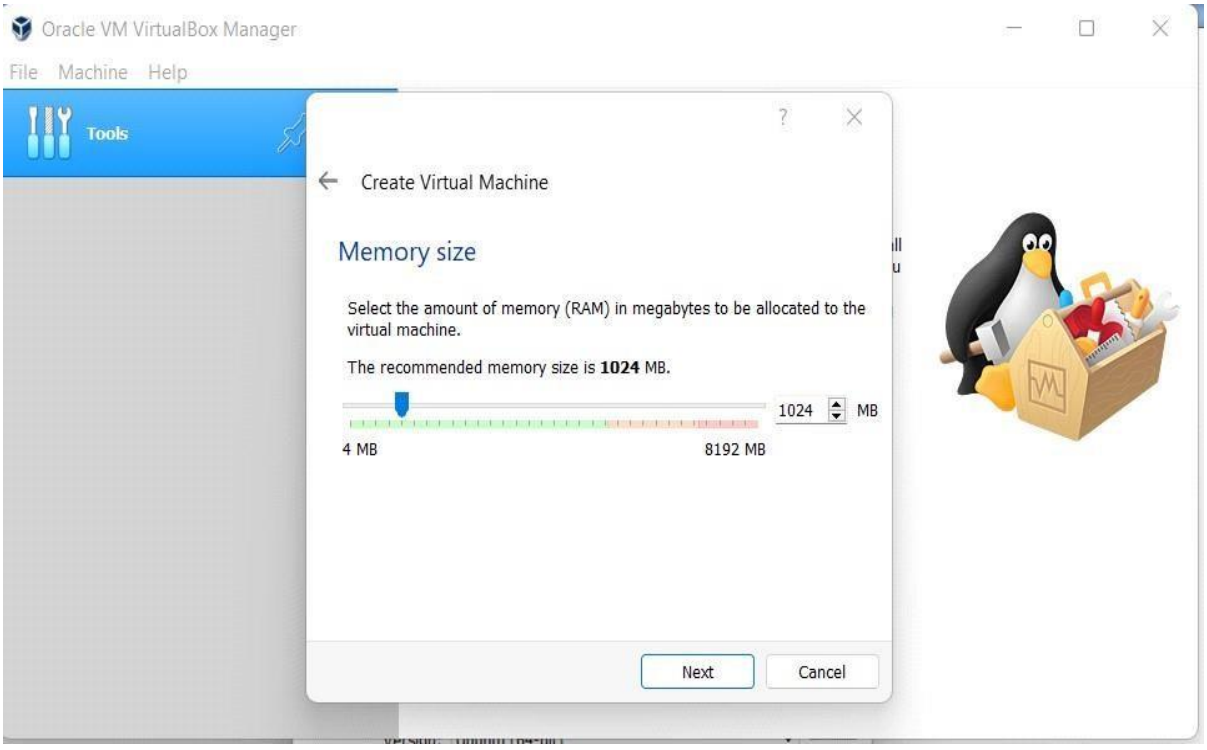


2)Click on new and mention the Name and the machine folder along with the Type and Version of the Machine to be created.

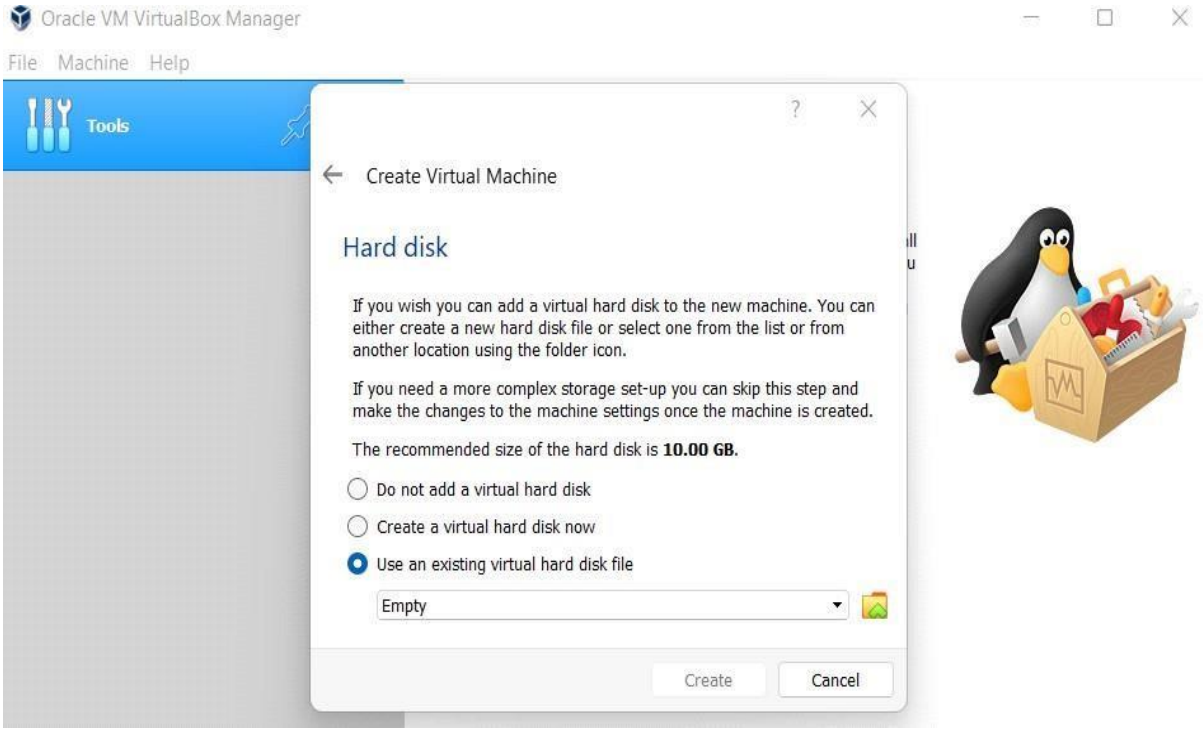


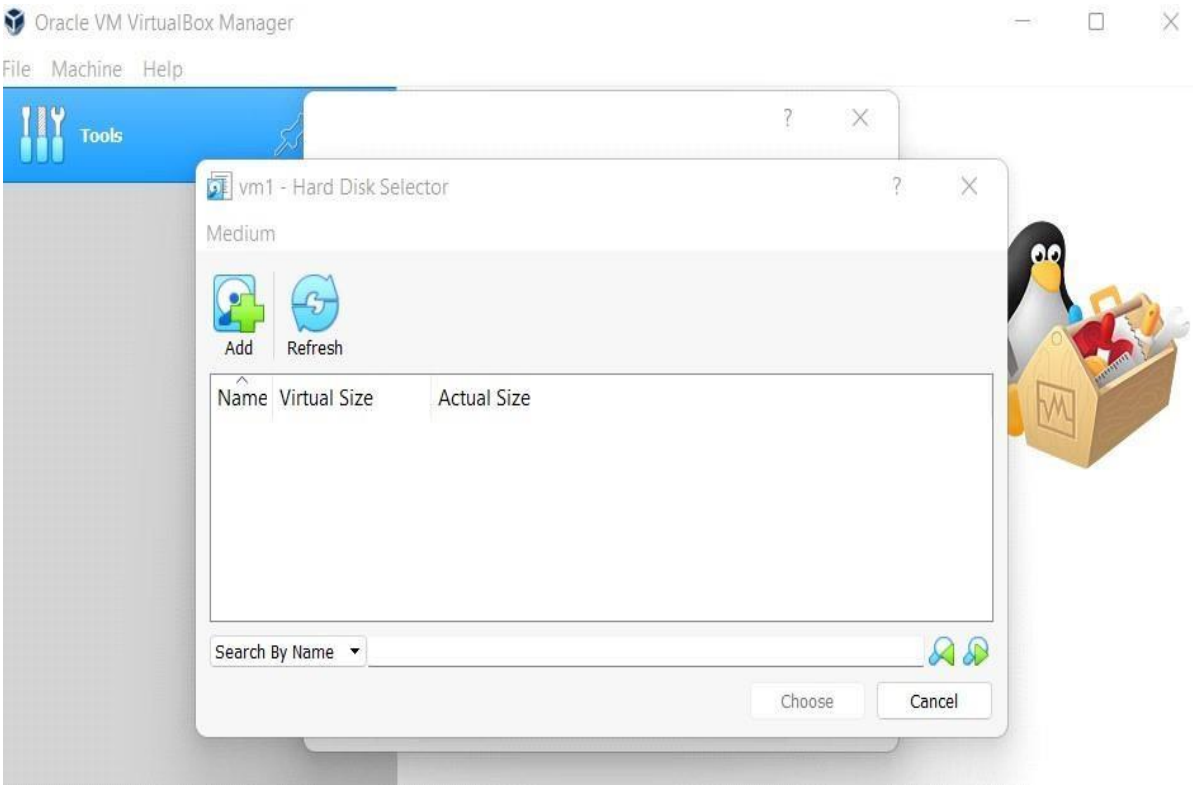


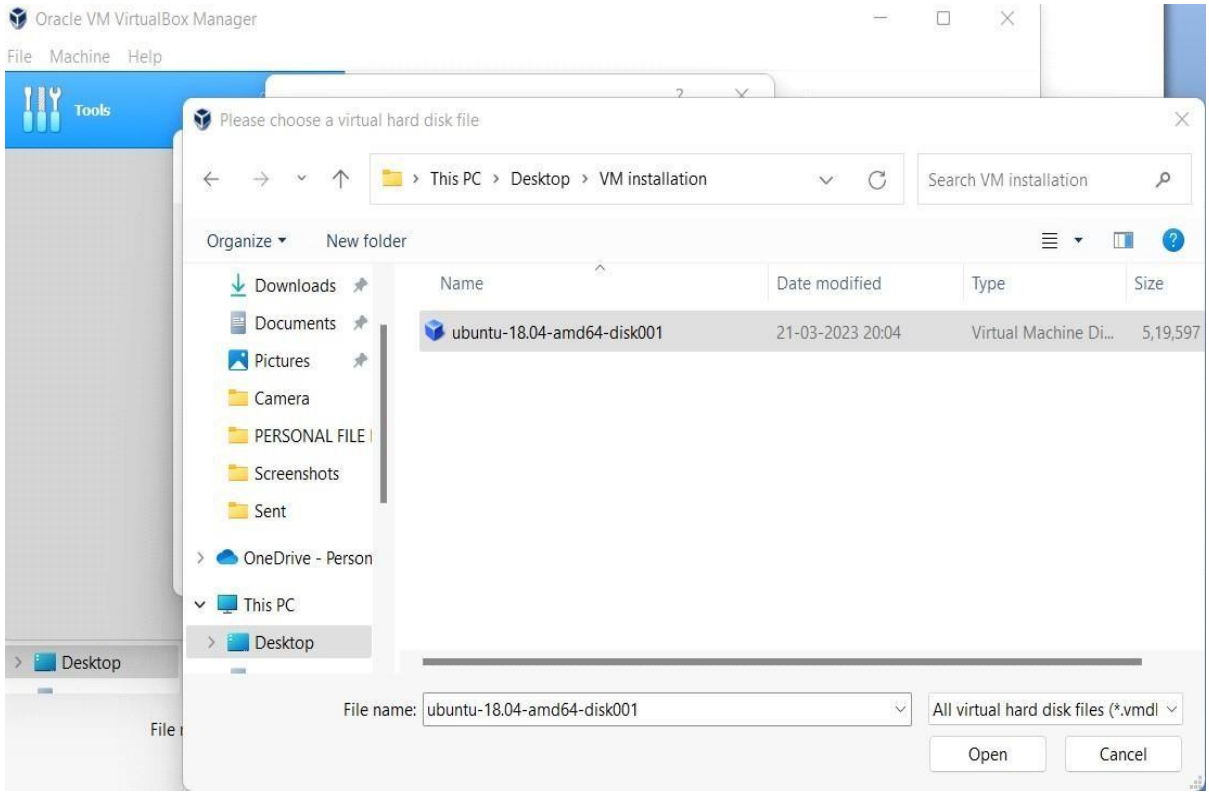
3)Assign memory size for our VM (1024 MB sufficient for now). 6. Select the option Use an existing virtual hard disk file and locate the downloaded VMDK image below and create VM.

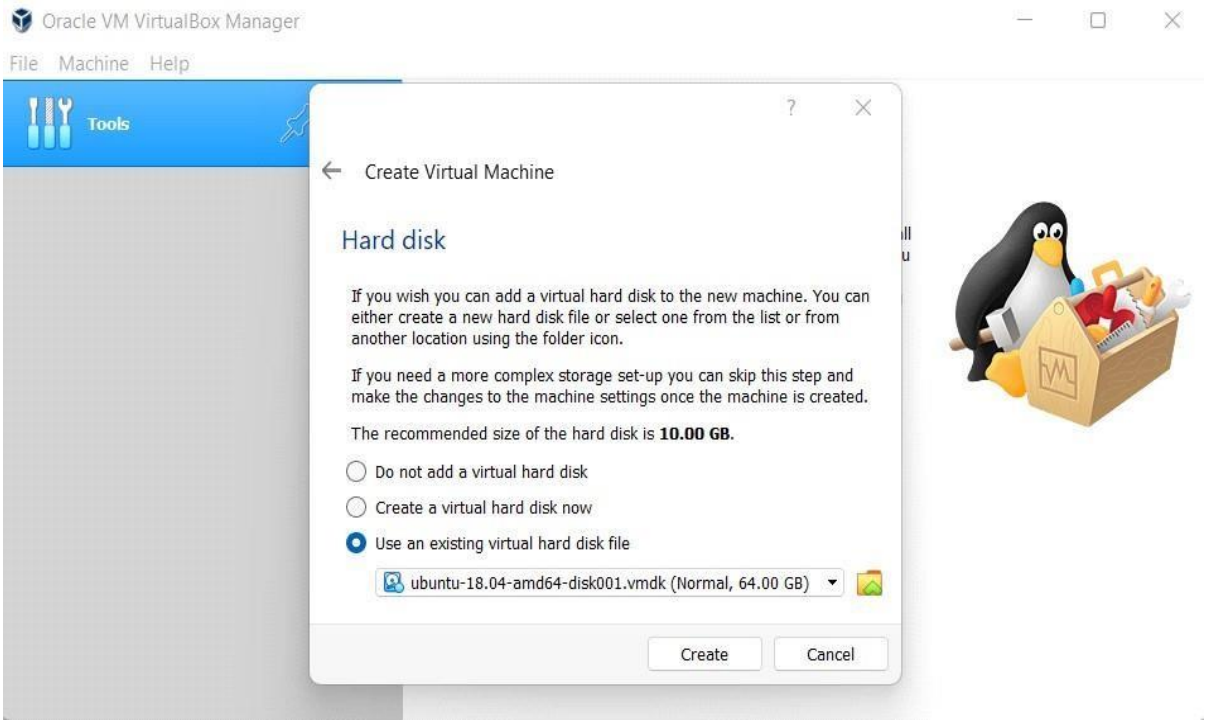


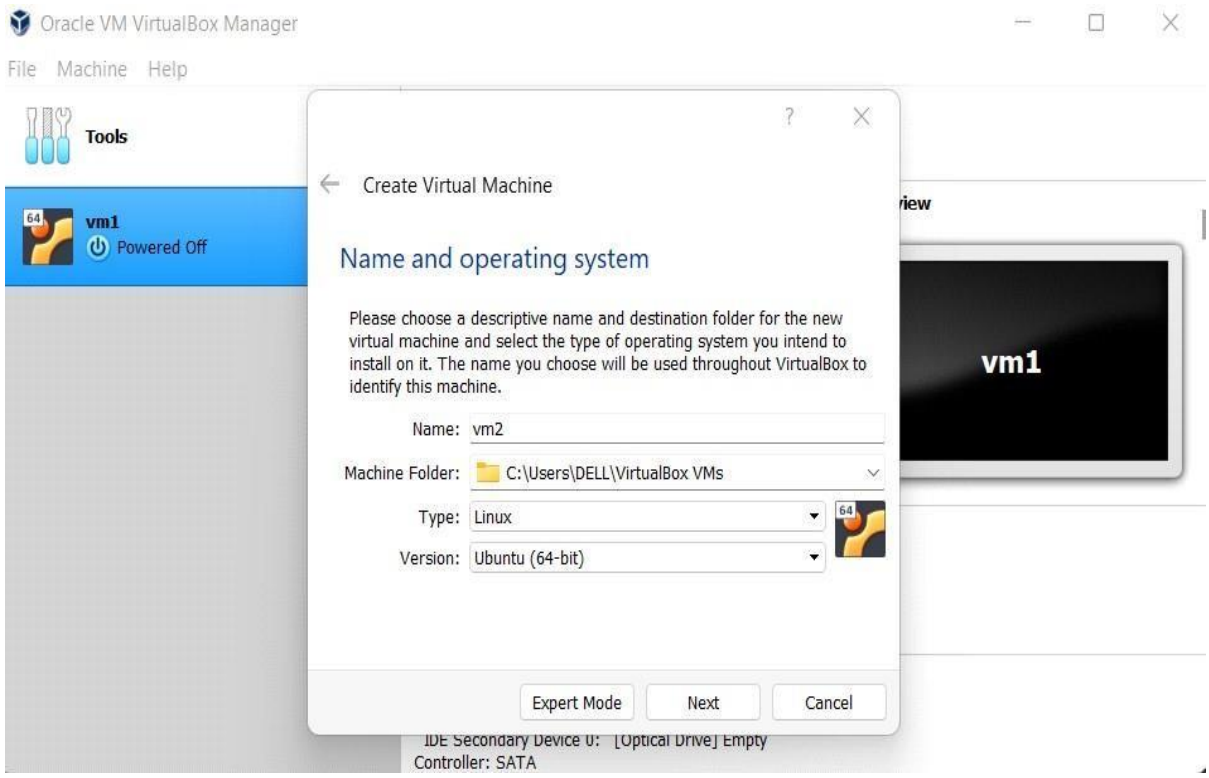
4)Use an existing hard disk file i.e., ubuntu file from local storage.

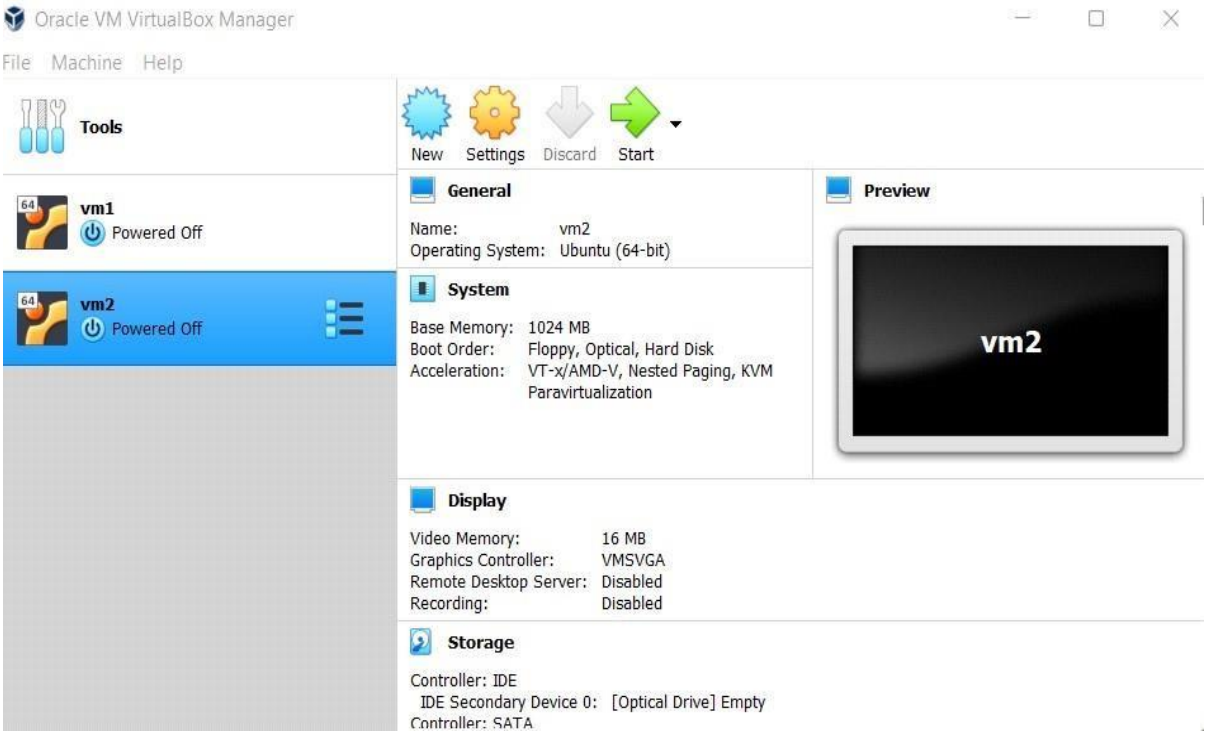


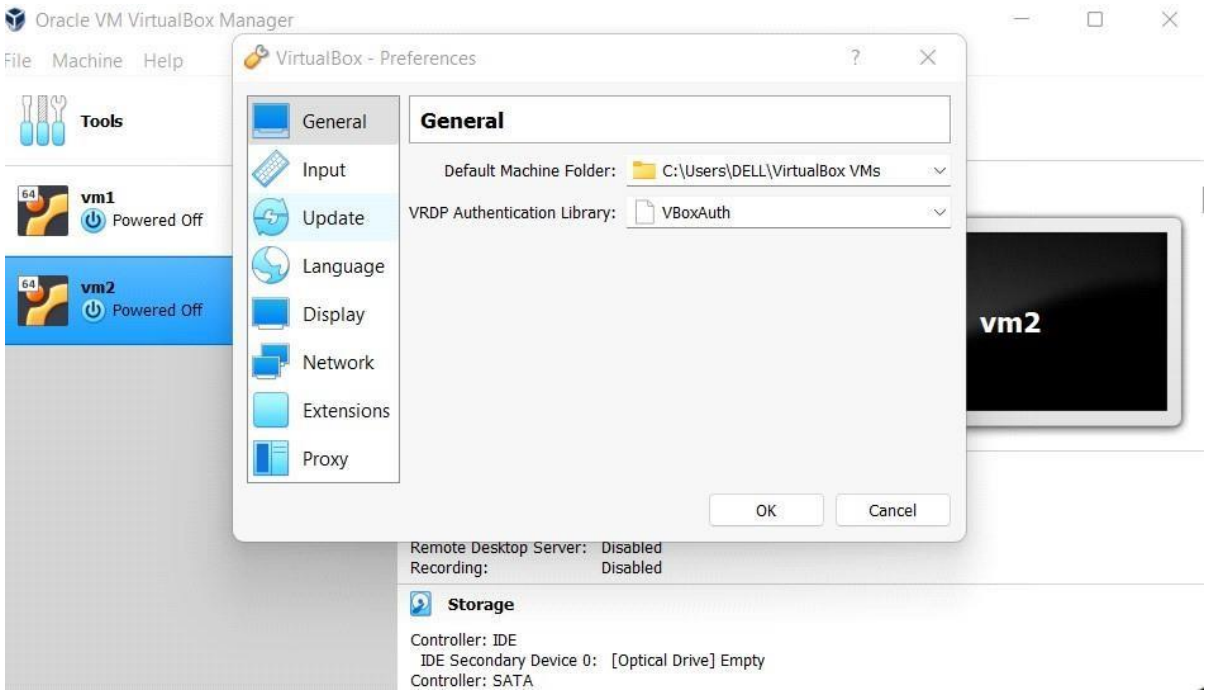



Oracle VM VirtualBox Manager
File Machine Help
Tools
Please choose a virtual hard disk file
This PC › Desktop › VM installation
Search VM installation
Organize
New folder
Downloads
Documents
Pictures
Camera
PERSONAL FILE
Screenshots
Sent
OneDrive - Person
This PC
Desktop
Name
Date modified
Type
Size
ubuntu-18.04-amd64-disk001
21-03-2023 20:04
Virtual Machine Di...
5,19,597
File name: ubuntu-18.04-amd64-disk001
All virtual hard disk files (*.vmdl
Open
Cancel

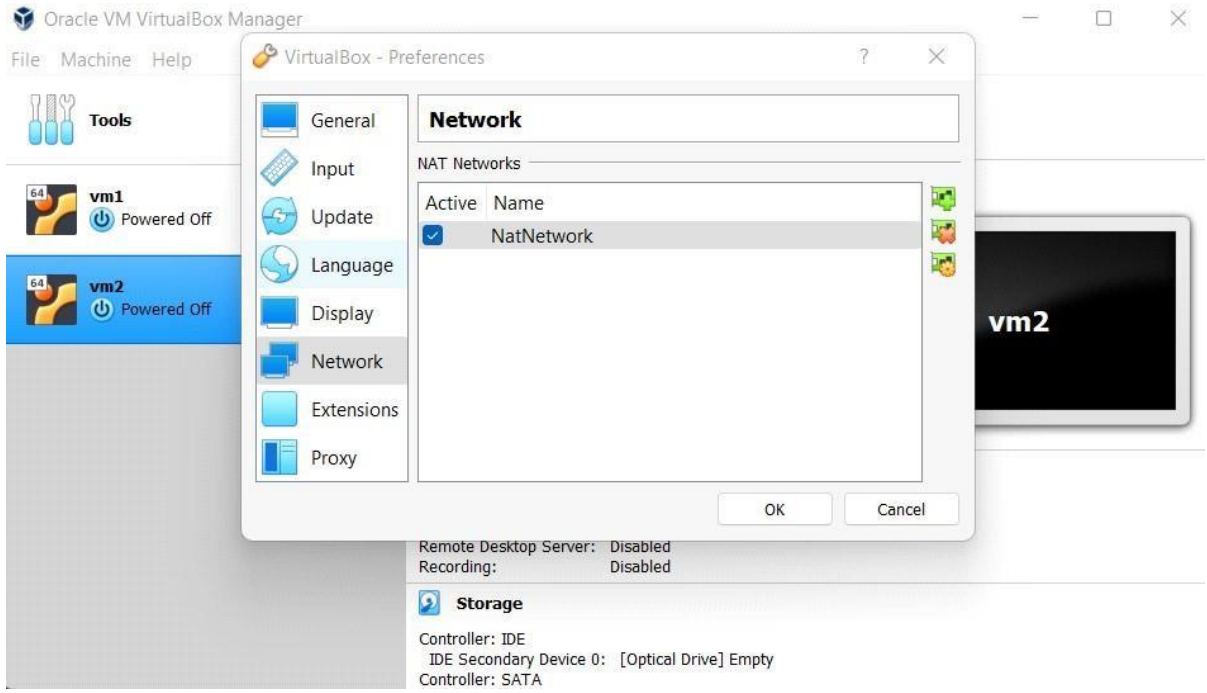

Oracle VM VirtualBox Manager
File Machine Help
Tools
Create Virtual Machine
Hard disk
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.
If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the hard disk is 10.00 GB.
Do not add a virtual hard disk
Create a virtual hard disk now
Use an existing virtual hard disk file
ubuntu-18.04-amd64-disk001.vmdk (Normal, 64.00 GB)
Create
Cancel


Oracle VM VirtualBox Manager
File Machine Help
Tools
vm1
Powered Off
Create Virtual Machine
Name and operating system
Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.
Name: vm2
Machine Folder: C:\Users\DELL\VirtualBox VMs
Type: Linux
Version: Ubuntu (64-bit)
Expert Mode
Next
Cancel
vm1
Controller: SATA

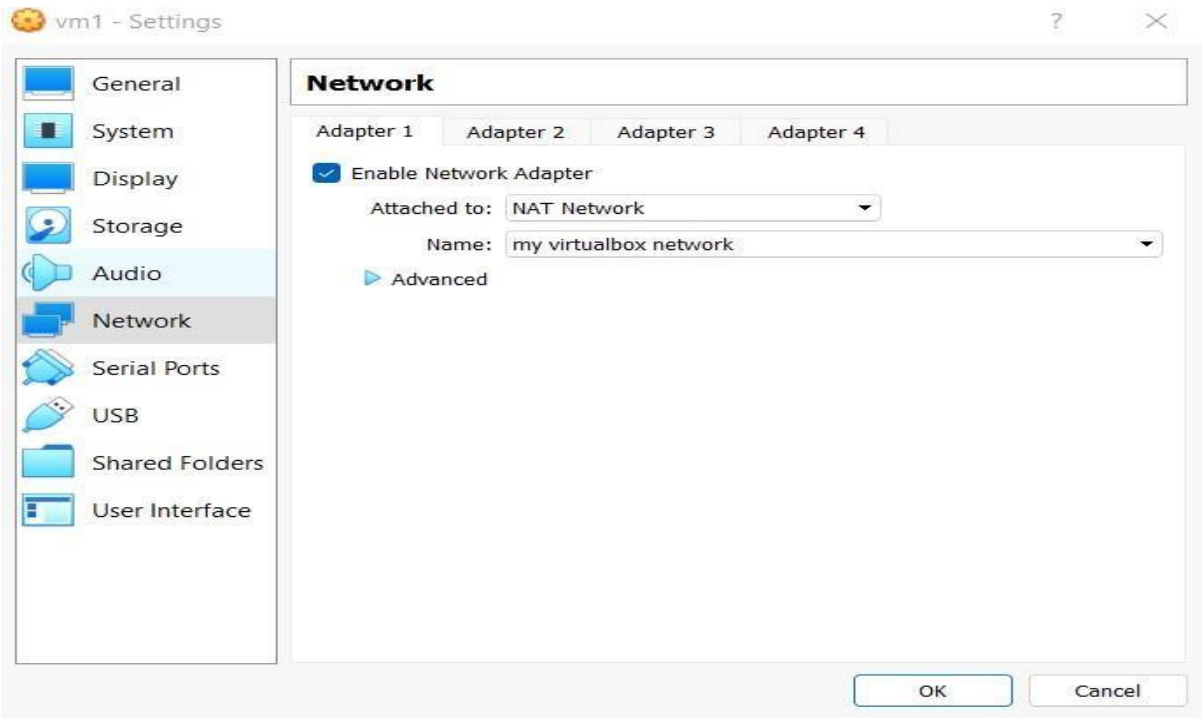

Oracle VM VirtualBox Manager
File Machine Help
Tools
New
Settings
Discard
Start
vm1
Powered Off
vm2
Powered Off
General
Name: vm2
Operating System: Ubuntu (64-bit)
System
Base Memory: 1024 MB
Boot Order: Floppy, Optical, Hard Disk
Acceleration: VT-x/AMD-V, Nested Paging, KVM Paravirtualization
Preview
vm2
Display
Video Memory: 16 MB
Graphics Controller: VMSVGA
Remote Desktop Server: Disabled
Recording: Disabled
Storage
Controller: IDE
IDE Secondary Device 0: [Optical Drive] Empty
Controller: SATA



5) Now we have to create a NAT Network so go to File -> Preferences -> Network ->Add a New NAT Network (Click on +)

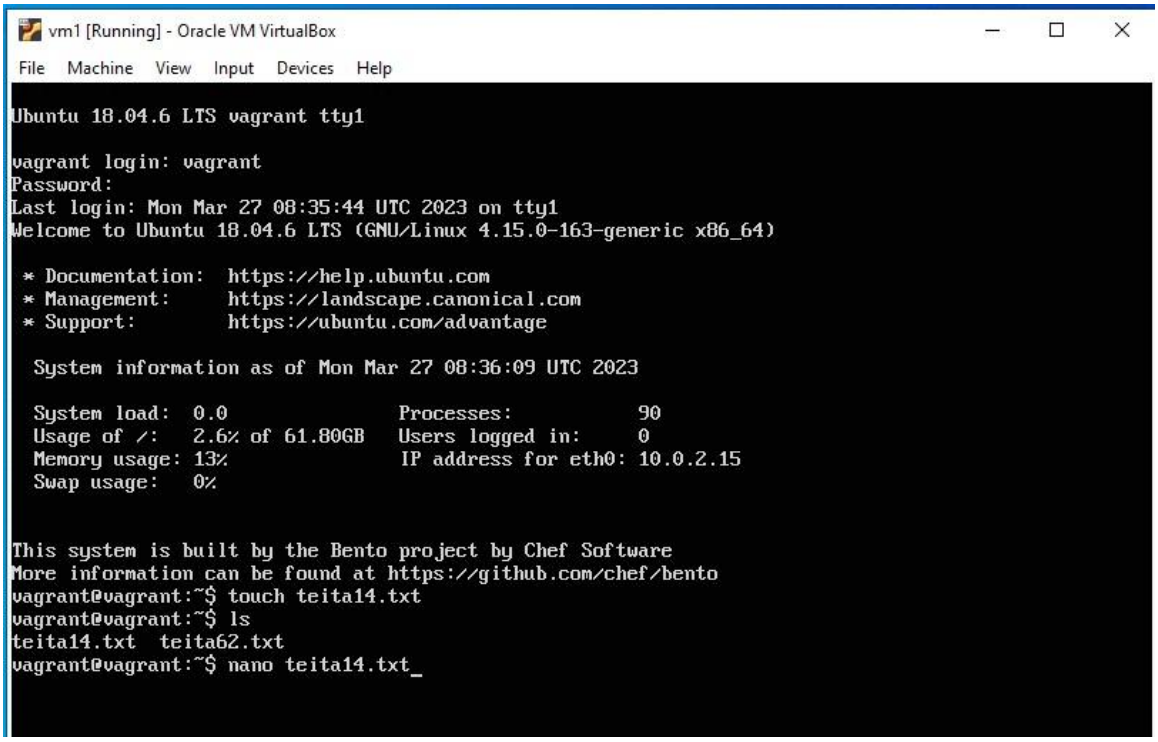


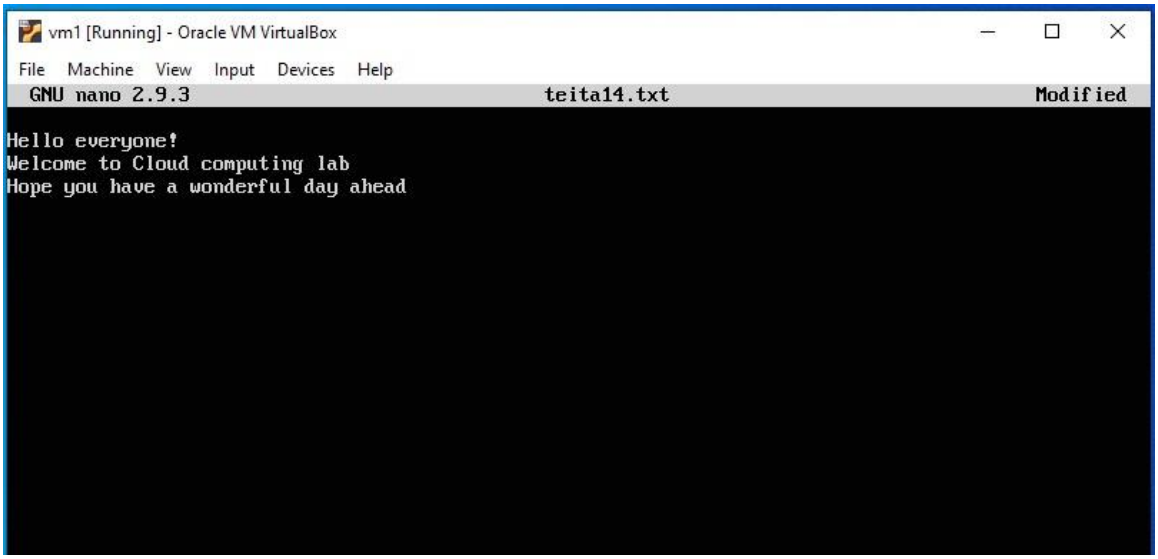
6)Now go to the setting, go to the network setting and change the adapter to NAT Network and select the NAT Network you made (in our case : My VMbox Network) and click ok.

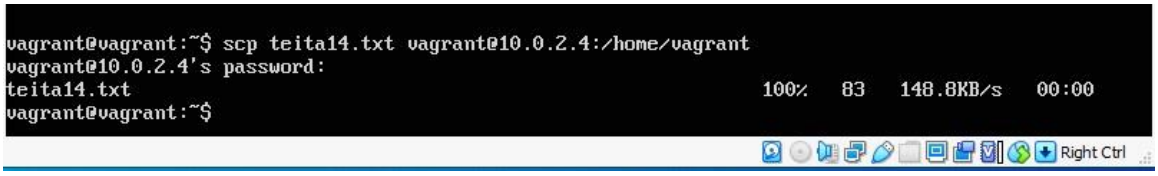


Output:

Virtual Machine 1:







Virtual Machine 2: