Practical-7 Creating and running virtual machines on Bare-Metal Hypervisors Type 0
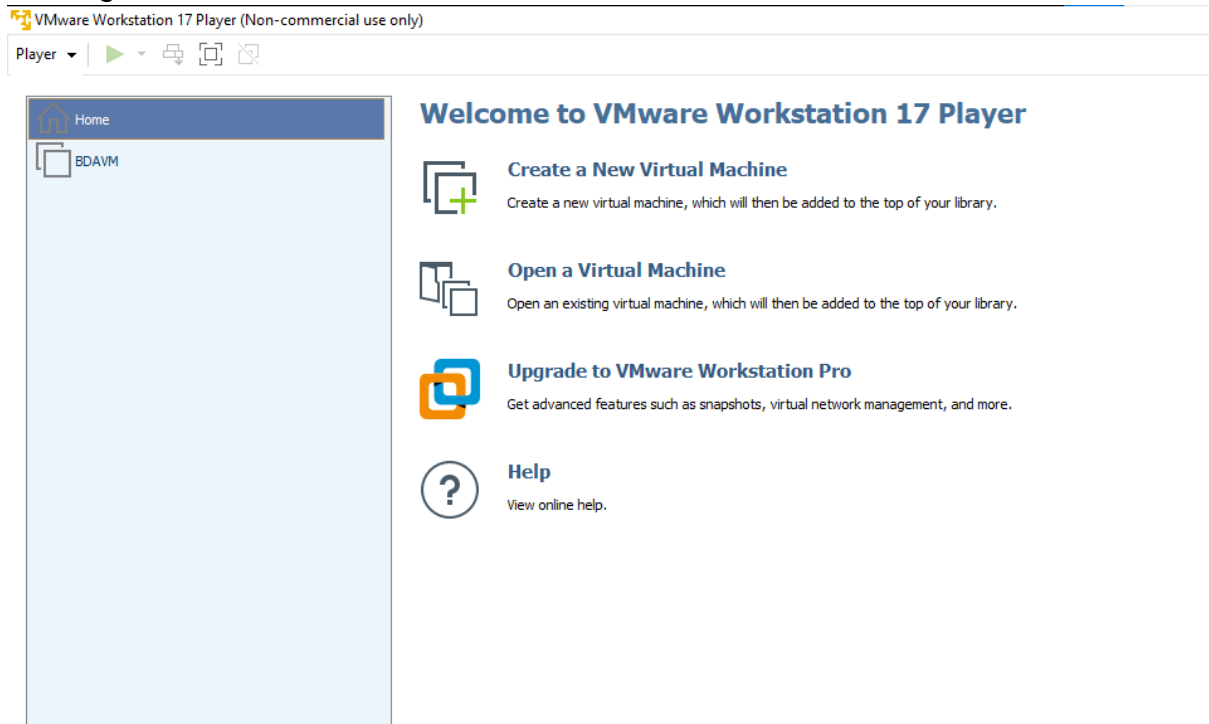
Name: Anshika Sharma

SAP ID: 86062300034
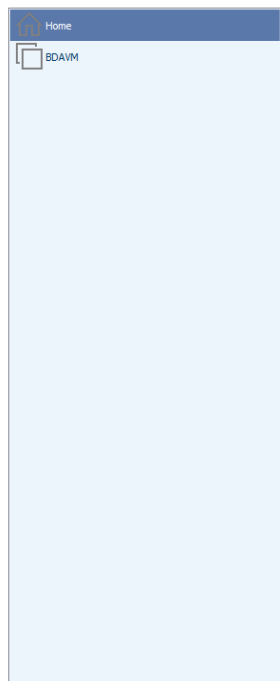
Roll No: A061

For Ubuntu:

1.Navigate to VMware workstation and click on **'create a new virtual machine'**.

2.Click on the **Browse** button and upload the downloaded **ubuntu** file.

VMware Workstation 17 Player (Non-commercial use only)

Player ▸

Home
BDAVM

Welcome to VMware Workstation 17 Player

Create a New Virtual Machine
Create a new virtual machine, which will then be added to the top of your library.

Open a Virtual Machine
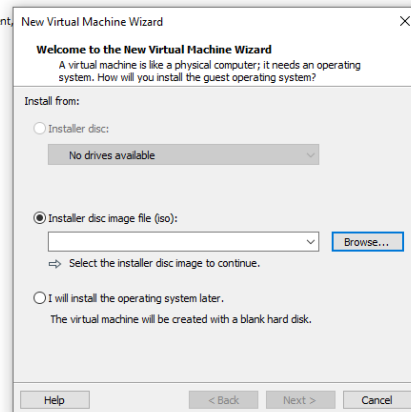Open an existing virtual machine, which will then be added to the top of your library.

Upgrade to VMware Workstation Pro
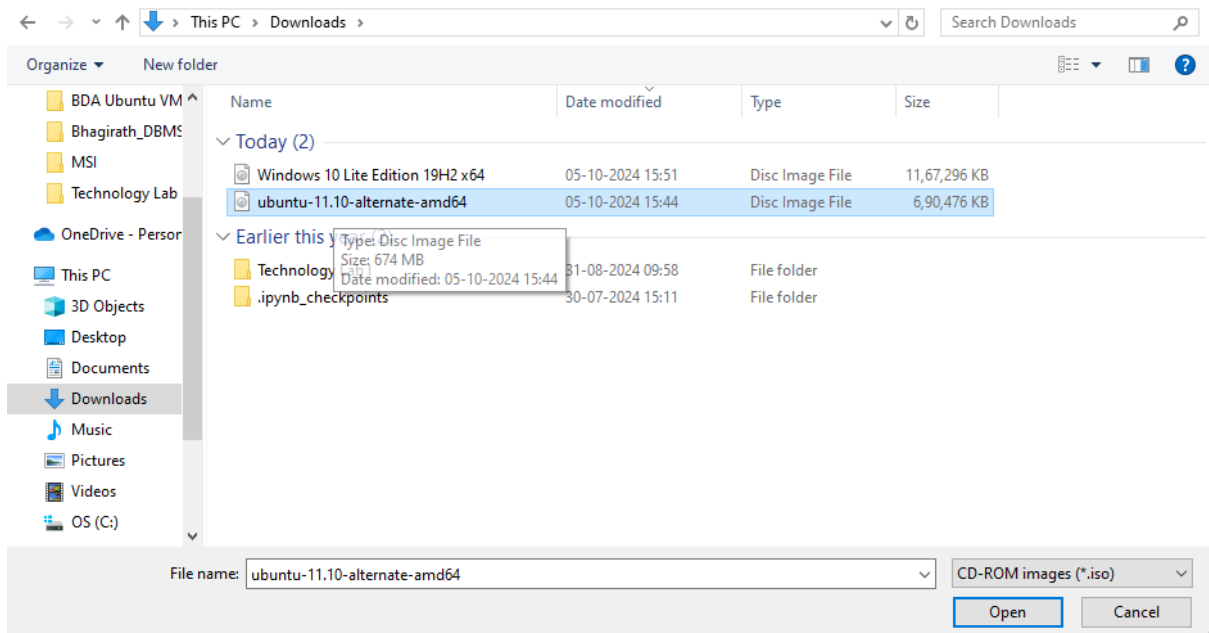Get advanced features such as snapshots, virtual network management,
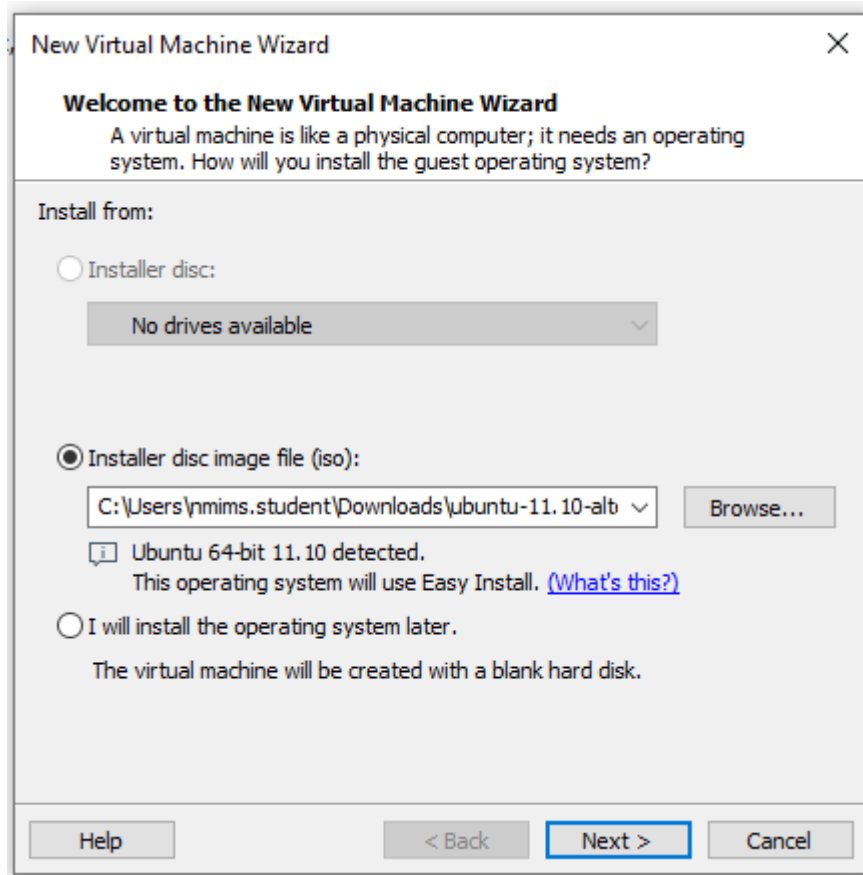
Help
View online help.

New Virtual Machine Wizard ✕

Welcome to the New Virtual Machine Wizard
A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?
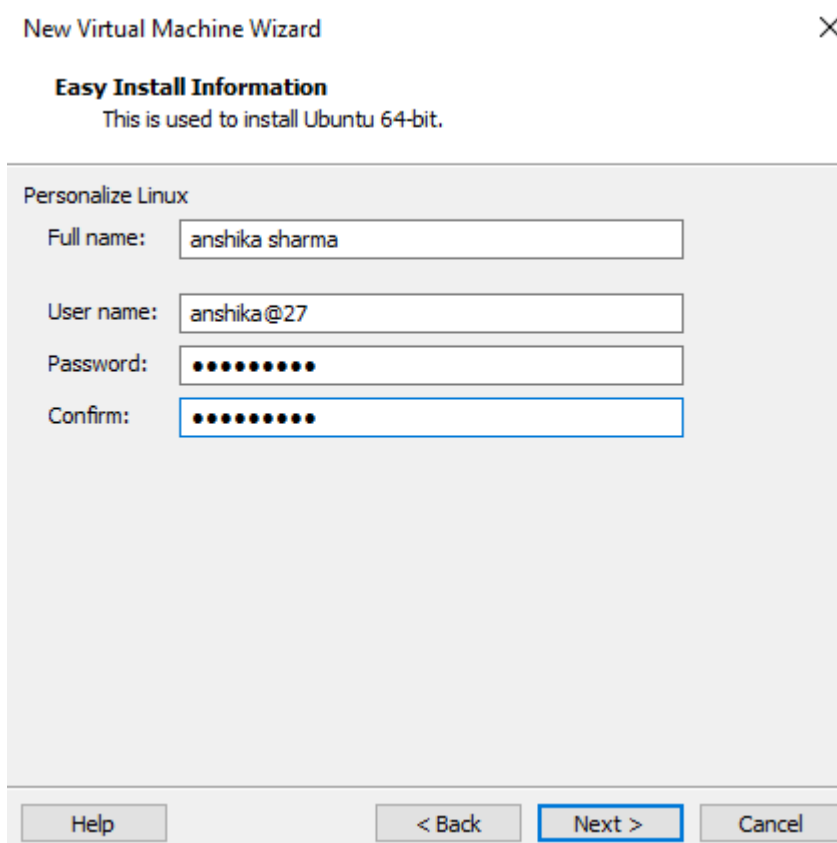
Install from:

○ Installer disc:

No drives available

◉ Installer disc image file (iso):

[   ] Browse...

⇨ Select the installer disc image to continue.

○ I will install the operating system later.

The virtual machine will be created with a blank hard disk.

Help   < Back   Next >   Cancel

Browse for ISO Image ✕

← → ↓ ↑ This PC › Downloads   Search Downloads

Organize ▾   New folder

BDA Ubuntu VM
Bhagirath_DBMS
MSI
Technology Lab

OneDrive - Person

This PC
3D Objects
Desktop
Documents
Downloads
Music
Pictures
Videos
OS (C:)

Name	Date modified	Type	Size
Today (2)			
Windows 10 Lite Edition 19H2 x64	05-10-2024 15:51	Disc Image File	11,67,296 KB
ubuntu-11.10-alternate-amd64	05-10-2024 15:44	Disc Image File	6,90,476 KB
Earlier this			
Technology	Type: Disc Image File		
	Size: 674 MB		
	Date modified: 05-10-2024 15:44		
Technology	31-08-2024 09:58	File folder	
.ipynb_checkpoints	30-07-2024 15:11	File folder	

File name: ubuntu-11.10-alternate-amd64   CD-ROM images (*.iso)

Open   Cancel

3.Click on **next** button.

4.Write your full name, username and password.

5.Click on **next** button and finally press the **finish** button.

New Virtual Machine Wizard   ✕

Name the Virtual Machine
    What name would you like to use for this virtual machine?

Virtual machine name:

Ubuntu 64-bit

Location:

C:\Users\nmims.student\Documents\Virtual Machines\Ubuntu 64   Browse...

                                    < Back   Next >   Cancel

New Virtual Machine Wizard   ✕

Ready to Create Virtual Machine
    Click Finish to create the virtual machine and start installing Ubuntu 64-bit
    and then VMware Tools.

The virtual machine will be created with the following settings:
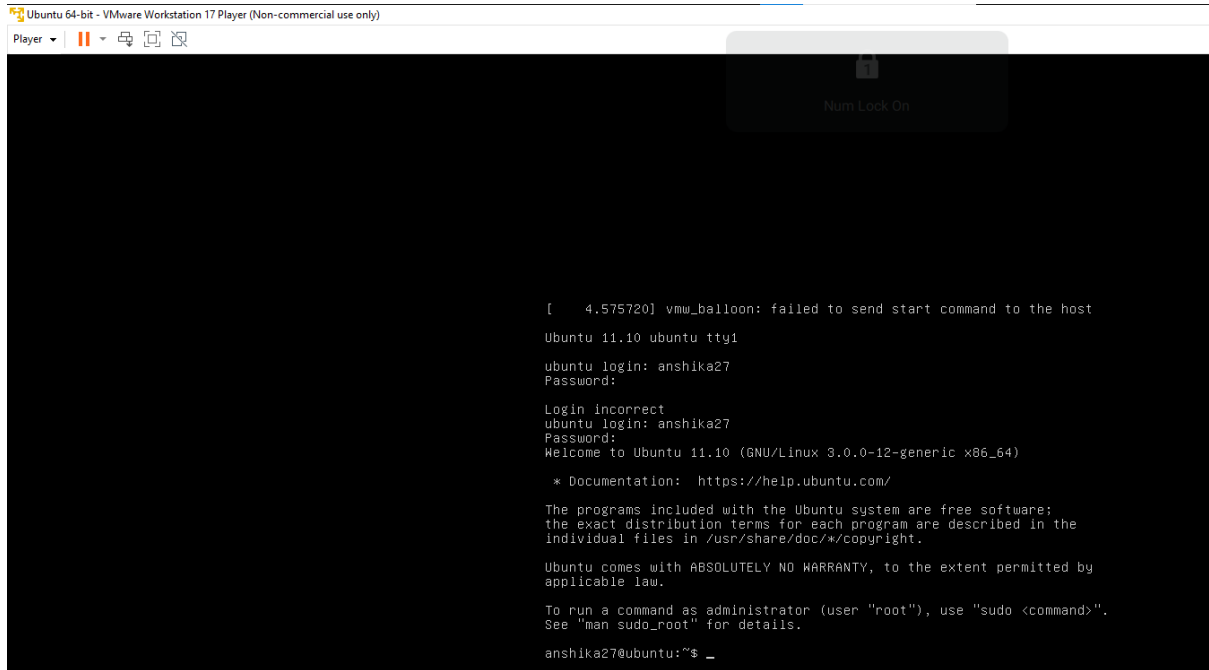
Name:	Ubuntu 64-bit
Location:	C:\Users\nmims.student\Documents\Virtual Machines...
Version:	Workstation 17.x
Operating System:	Ubuntu 64-bit
Hard Disk:	20 GB, Split
Memory:	2048 MB
Network Adapter:	NAT
Other Devices:	2 CPU cores, CD/DVD, USB Controller, Printer, Sound...

    Customize Hardware...

☑ Power on this virtual machine after creation

                                    < Back   Finish   Cancel

6. The below interface appears .

┌─ Attempting IPv6 autoconfiguration; please wait... ─┐

33%

<Cancel>

```
* Stopping log initial device creation                       [ OK ]
* Starting load fallback graphics devices                    [ OK ]
* Starting configure network device security                 [ OK ]
* Starting configure virtual network devices                 [ OK ]
* Stopping configure virtual network devices                 [ OK ]
* Starting save udev log and update rules                    [ OK ]
* Stopping save udev log and update rules                    [ OK ]
* Starting load fallback graphics devices                    [fail]
* Starting Userspace bootsplash                              [ OK ]
* Stopping Userspace bootsplash                              [ OK ]
* Starting Mount network filesystems                         [ OK ]
* Stopping Mount network filesystems                         [ OK ]
* Starting configure network device                          [ OK ]
* Starting System V initialisation compatibility             [ OK ]
* Starting AppArmor profiles                                 [ OK ]
* Stopping Failsafe Boot Delay                               [ OK ]
* Stopping System V initialisation compatibility             [ OK ]
* Starting System V runlevel compatibility                   [ OK ]
* Starting save kernel messages                              [ OK ]
* Starting deferred execution scheduler                      [ OK ]
* Starting regular background program processing daemon      [ OK ]
* Starting CPU interrupts balancing daemon                   [ OK ]
* Stopping save kernel messages                              [ OK ]
Installing VMware Tools. Please wait...
_
```

7. The interface prompts for **username** and password. Input the username and password that you kept before.
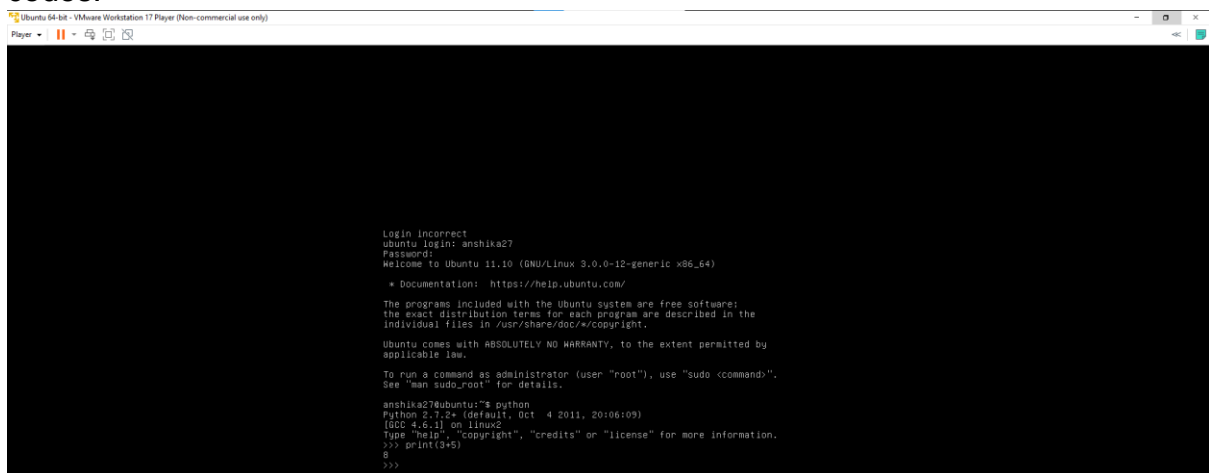
8. Check for installation oof python. If not installed, install python and write your codes.
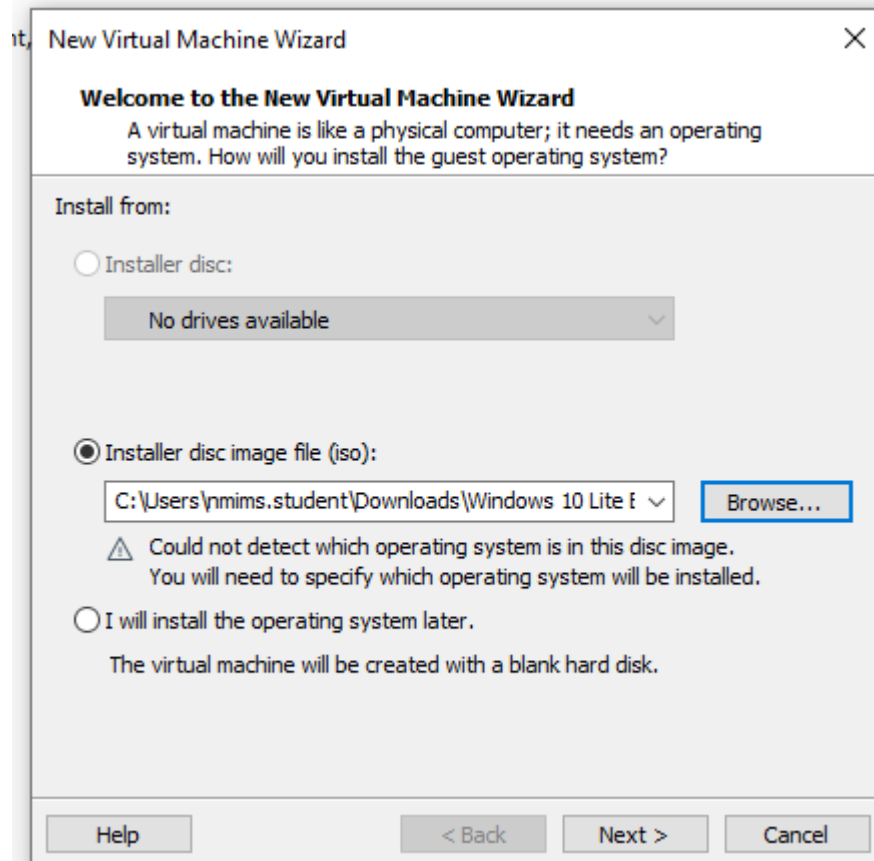

For Windows:

1.Navigate to VMware workstation and click on **'create a new virtual machine'**.
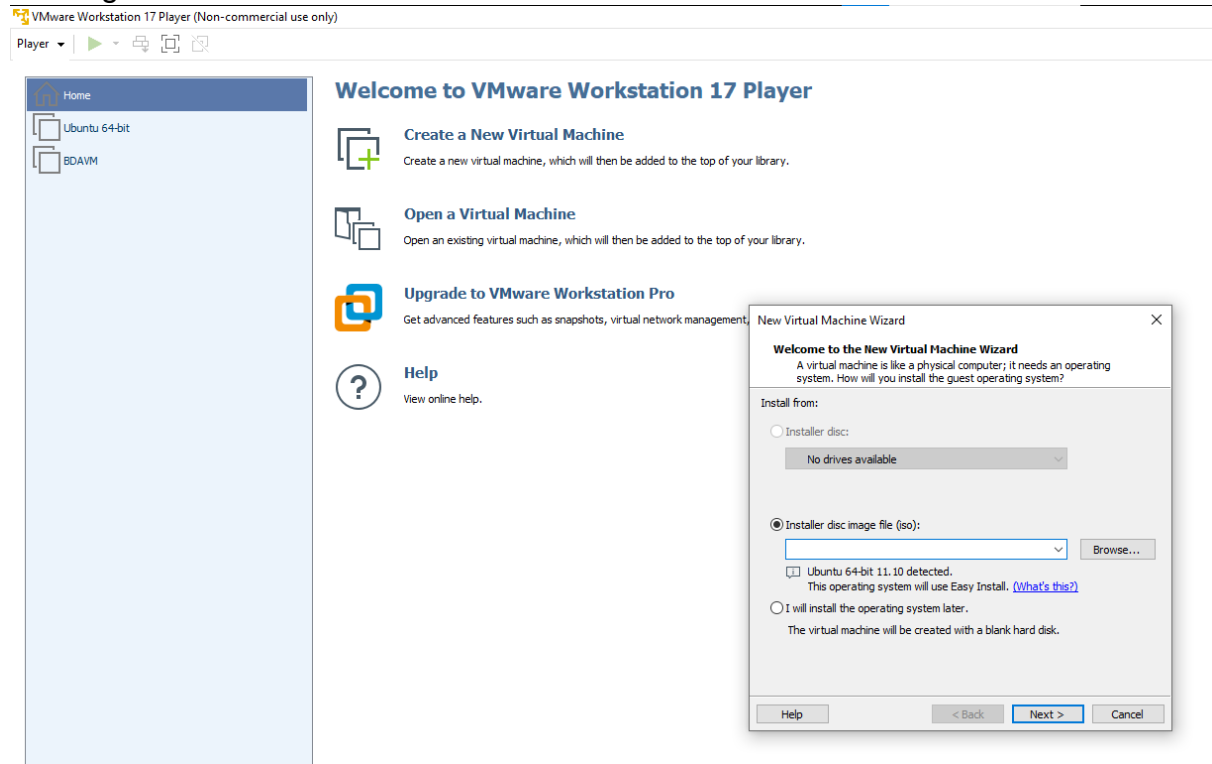
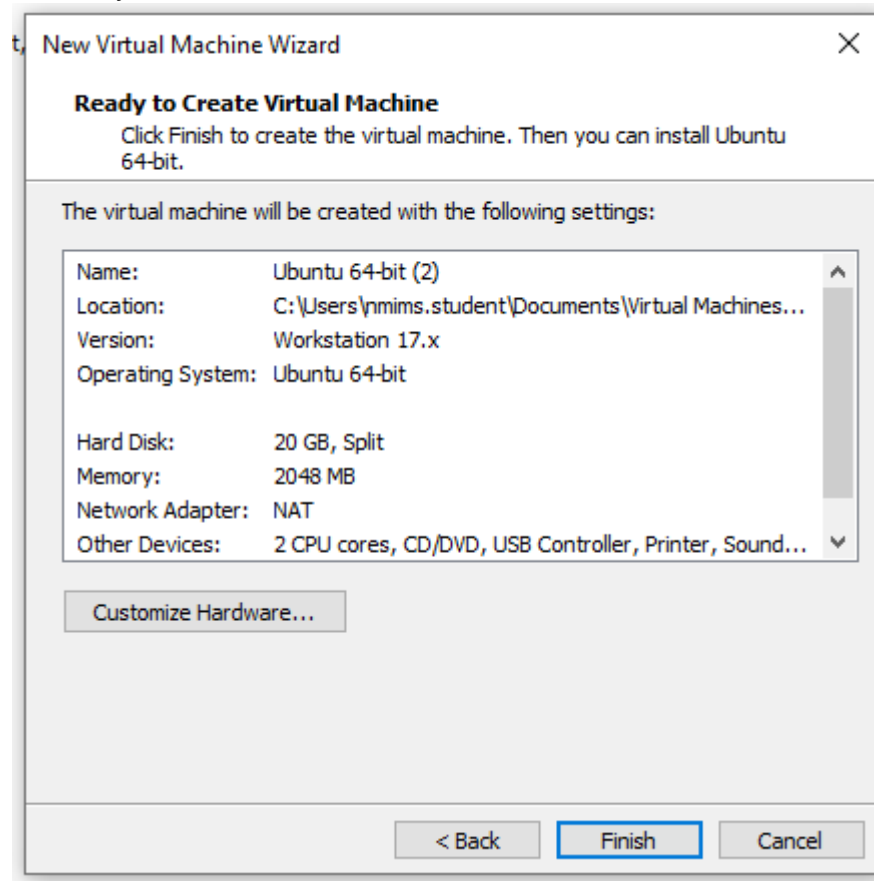2.Click on the **Browse** button and upload the downloaded **windows** file.
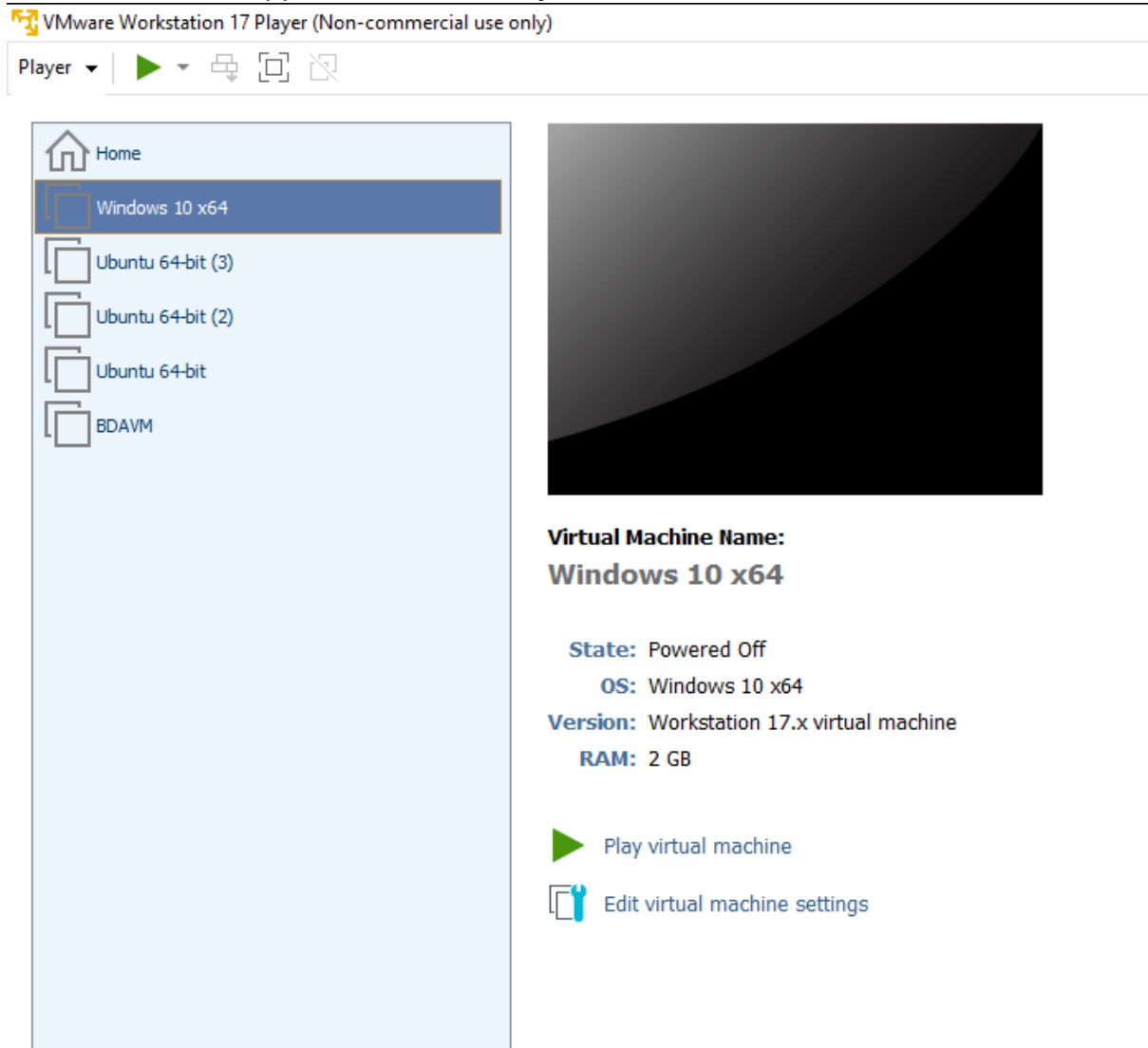

3.Click on **next** button.

New Virtual Machine Wizard

Welcome to the New Virtual Machine Wizard
A virtual machine is like a physical computer; it needs an operating system. How will you install the guest operating system?

Install from:

○ Installer disc:

No drives available

● Installer disc image file (iso):

C:\Users\nmims.student\Downloads\Windows 10 Lite E ∨   Browse...

⚠ Could not detect which operating system is in this disc image. You will need to specify which operating system will be installed.

○ I will install the operating system later.

The virtual machine will be created with a blank hard disk.

Help   < Back   Next >   Cancel

4.Select **Microsoft Windows** and click **next**.

New Virtual Machine Wizard

Select a Guest Operating System
Which operating system will be installed on this virtual machine?

Guest operating system
● Microsoft Windows
○ Linux
○ Other

Version

Windows 10 x64   ∨

Help   < Back   Next >   Cancel
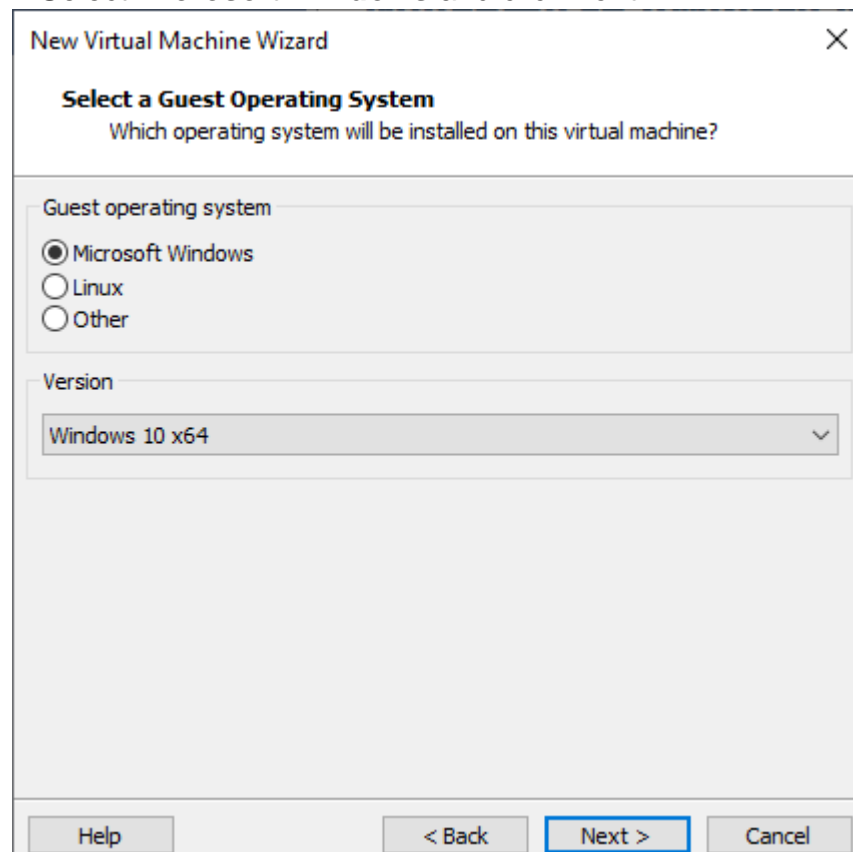
5.Finally click on **finish** button.
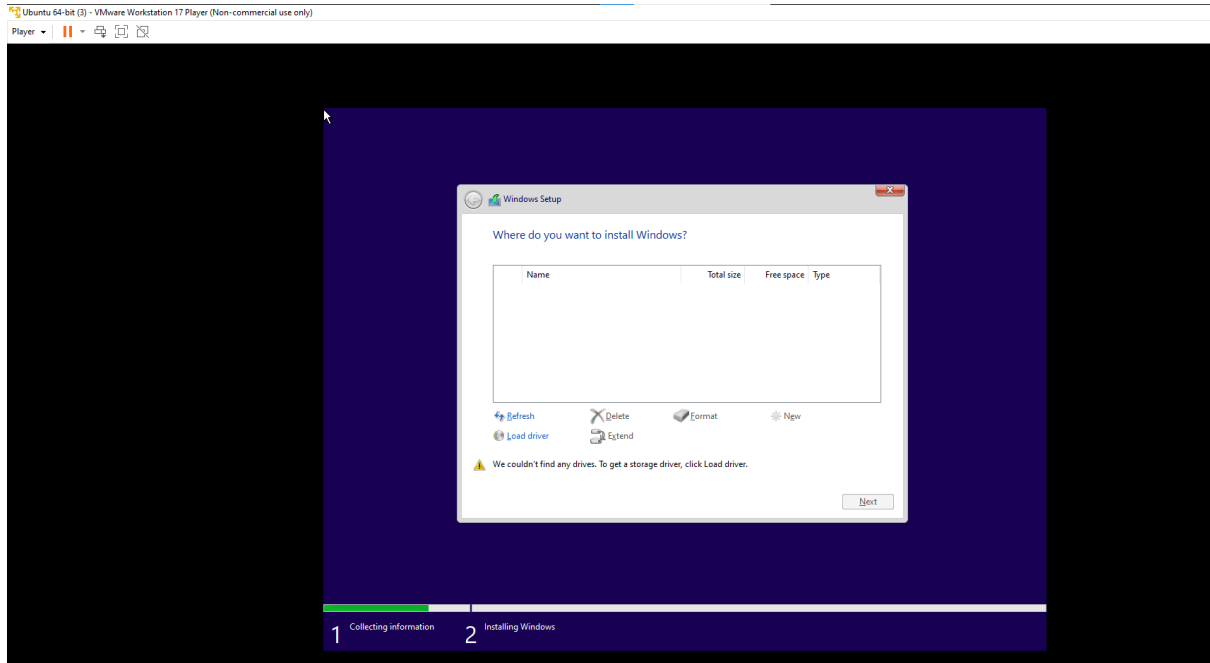
6.Below interface appears. Click on **Play virtual machine**.
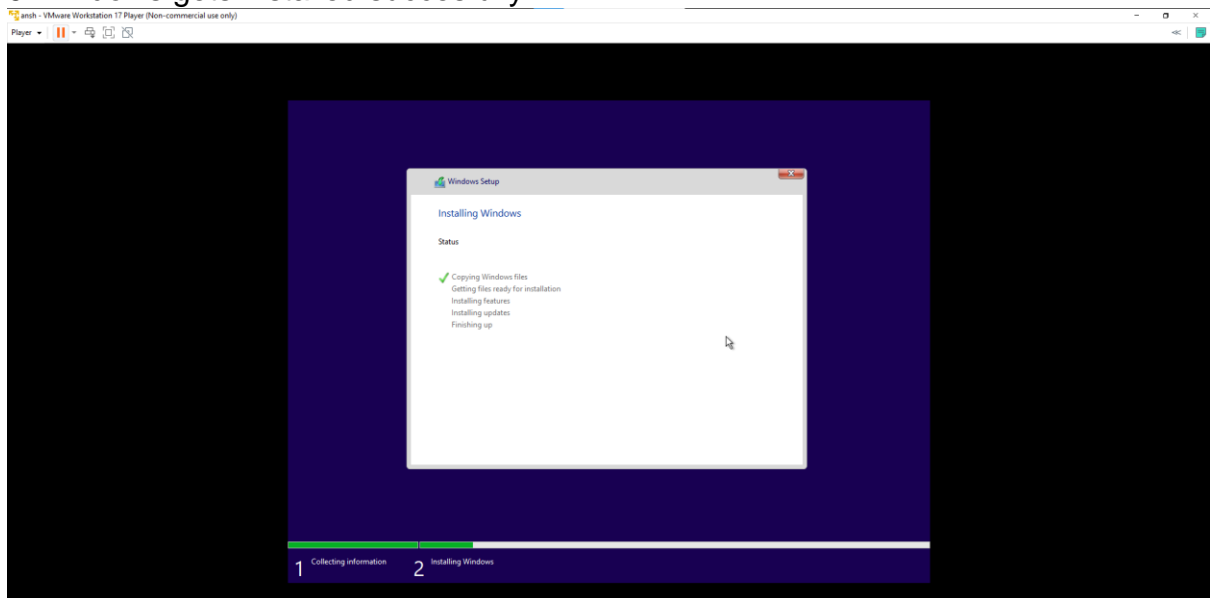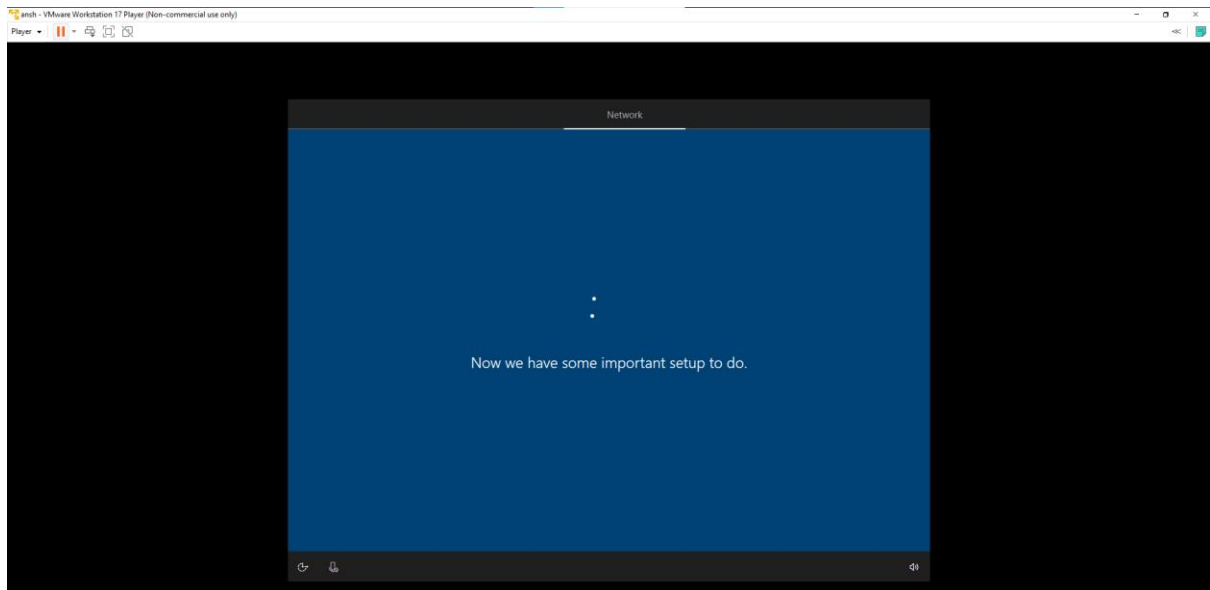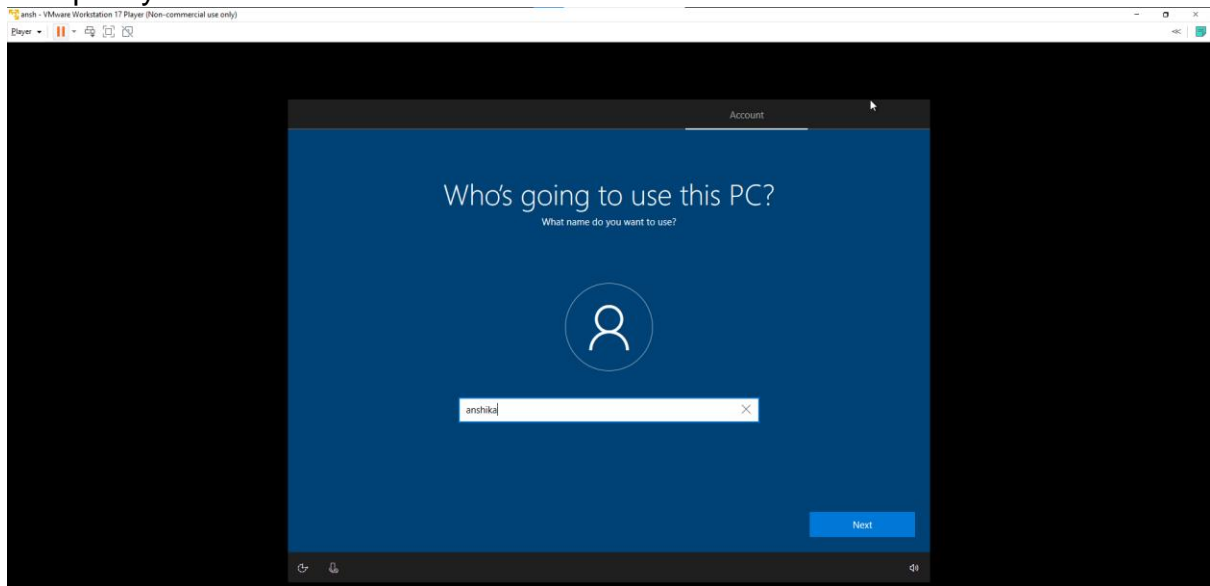

7.The Setup begins.
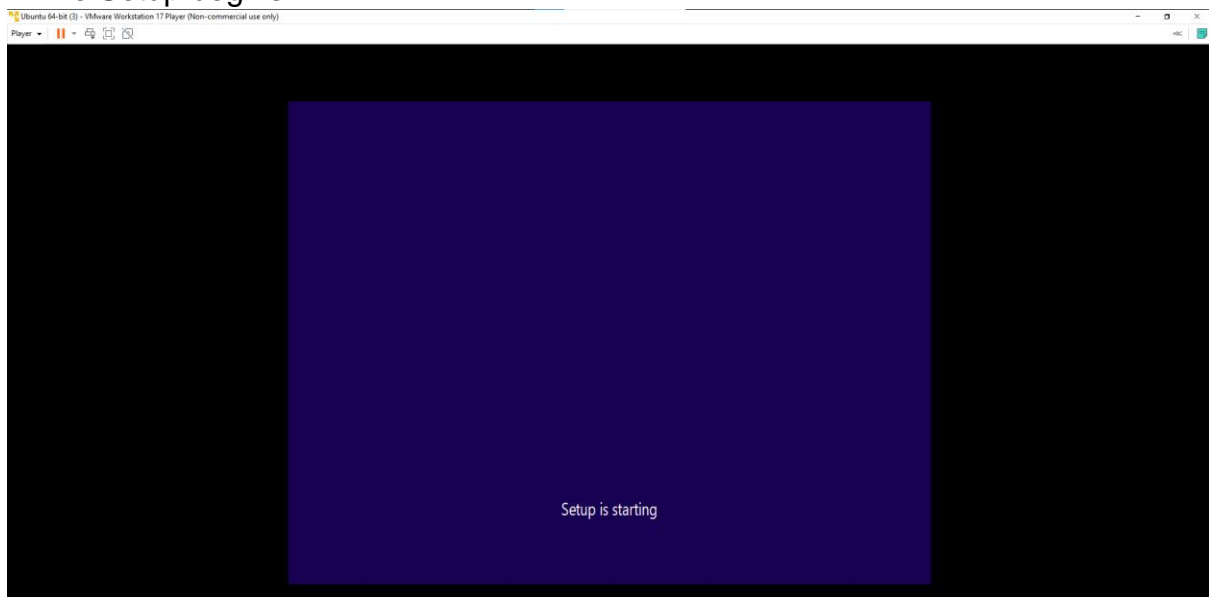
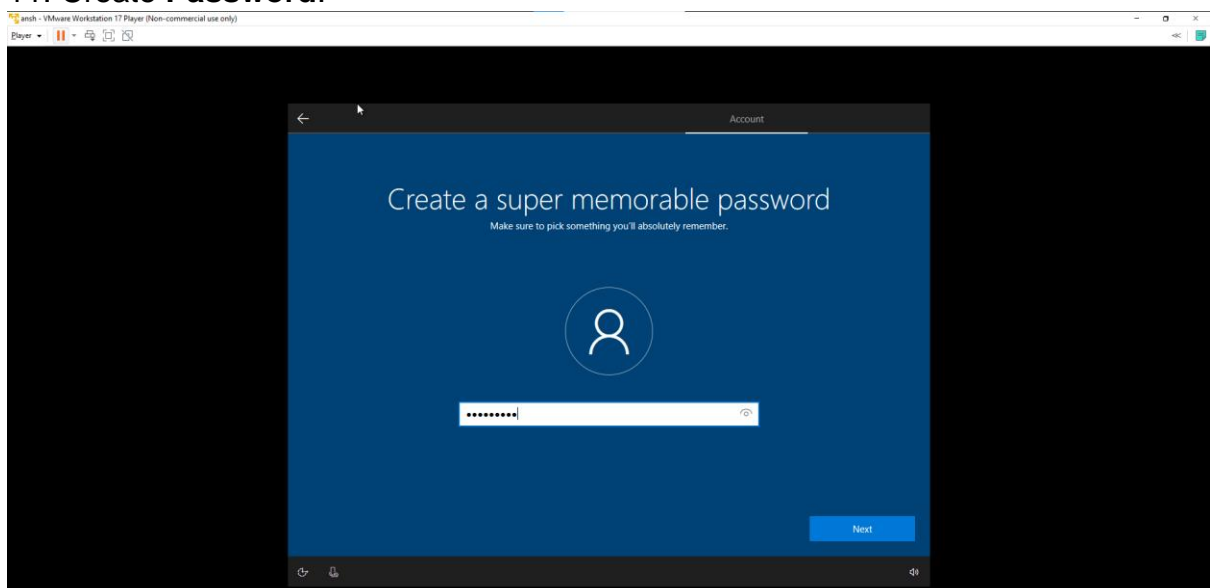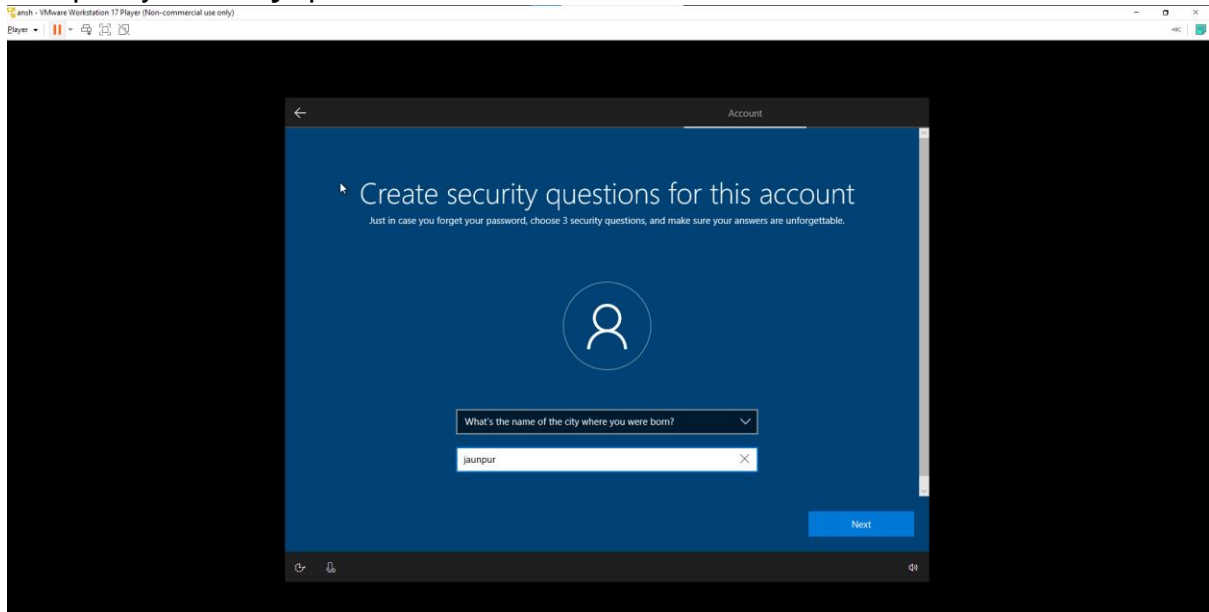8.Click on **next** button.

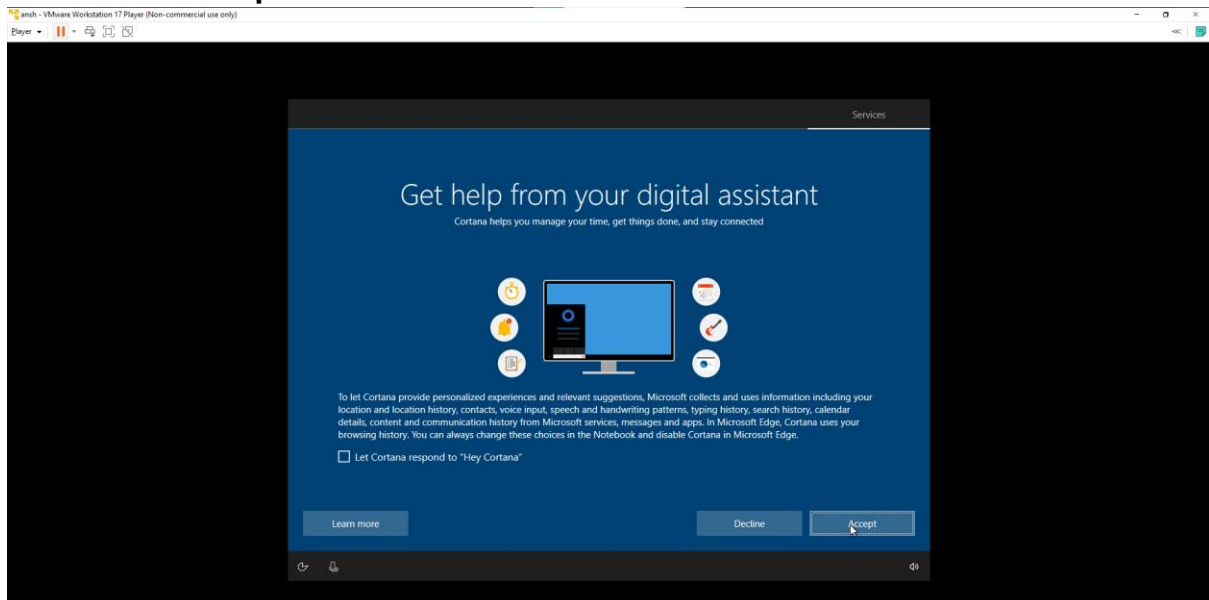9.Windows gets installed succesfully.
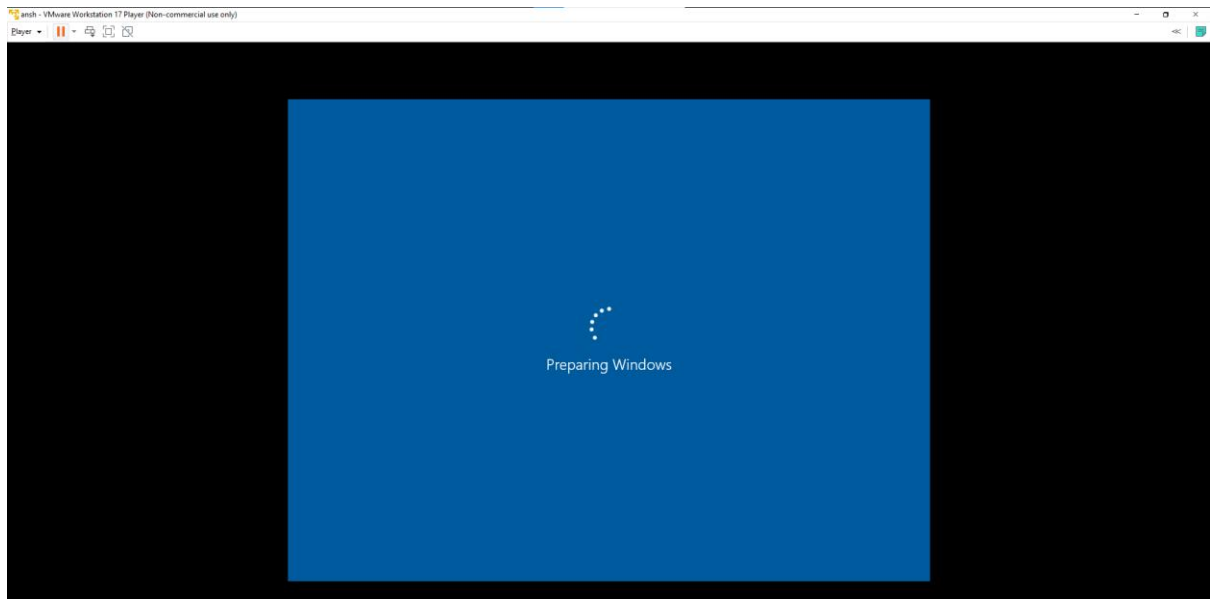
10.Specify the name of the user.

11. Create **Password**.
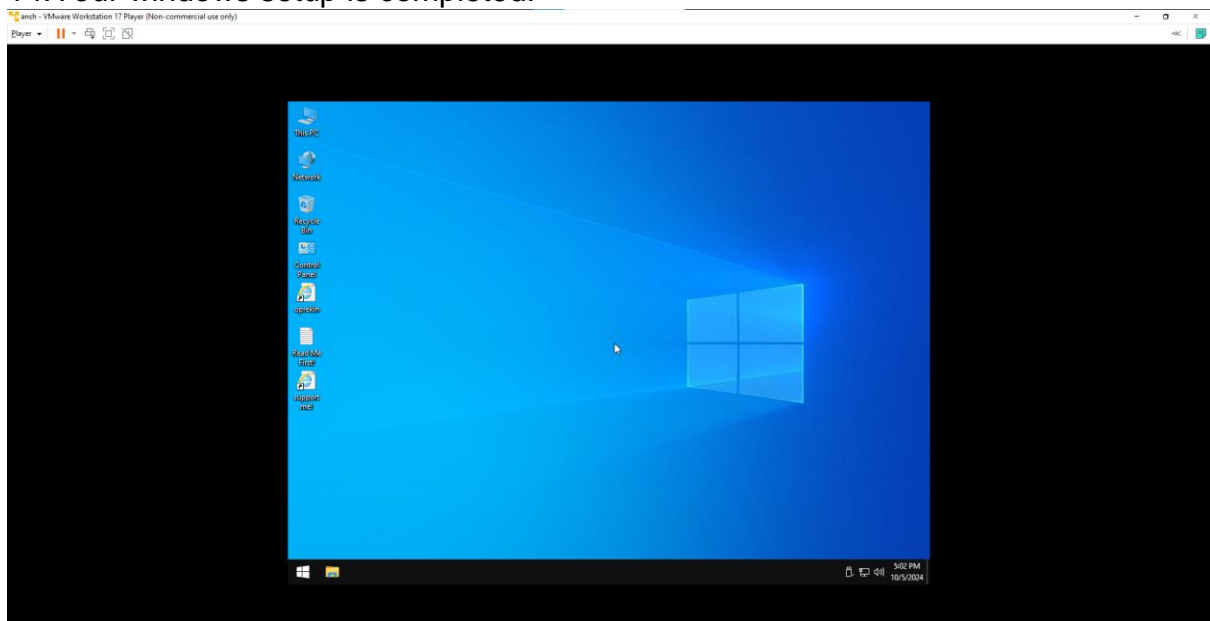
12.Specify **security** questions.

13. Click on **accept**.

14.Your windows setup is completed.

15.Now, this is your virtual machine. You can use any apps.