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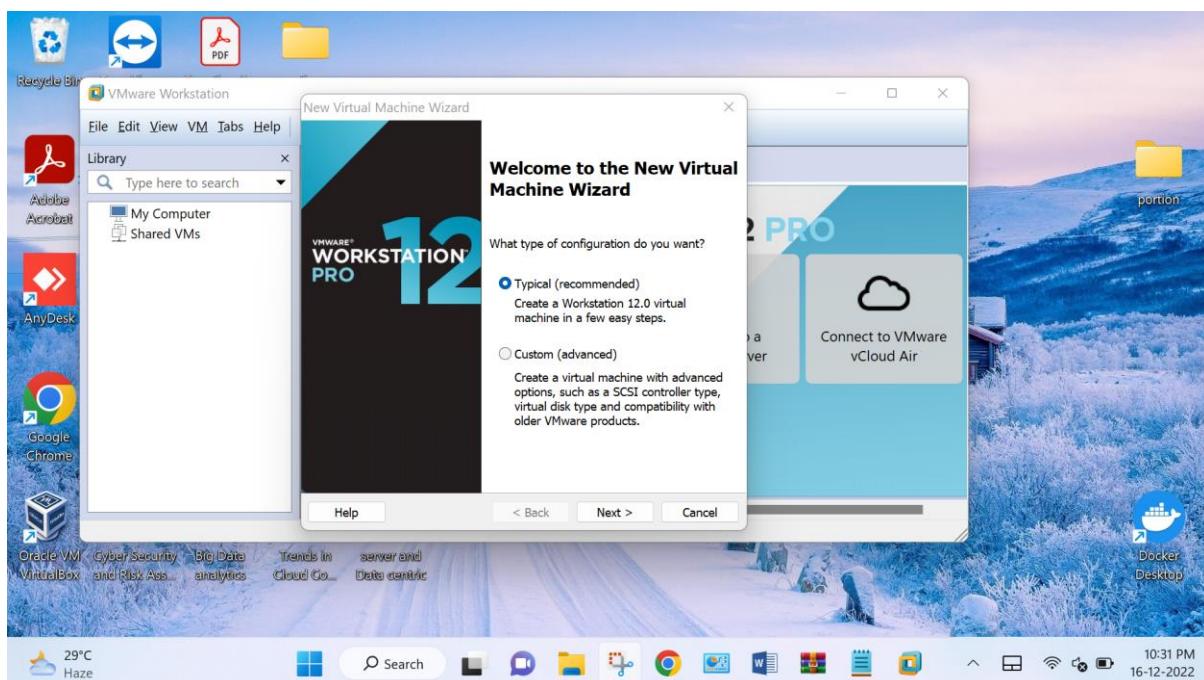
# Practical No 01

Aim: Installation of

- Vmware Esxi
- Citrix Xen
- Microsoft Hyper-V

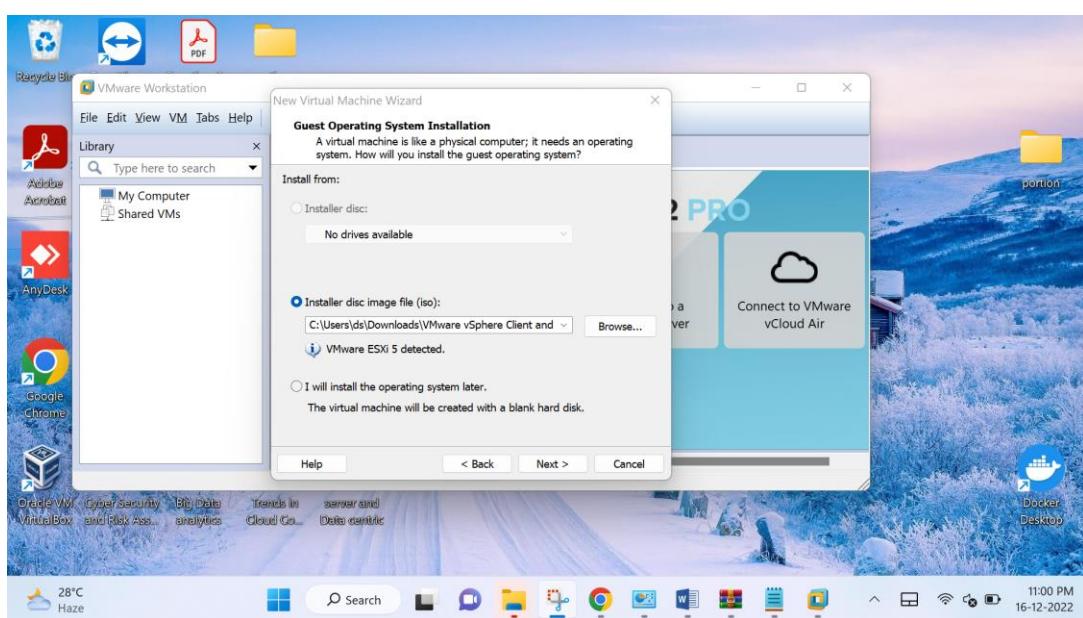
## Implement VMWare on ESXI Server.

Step 1: Open VmWare Workstation. Click on New VM.

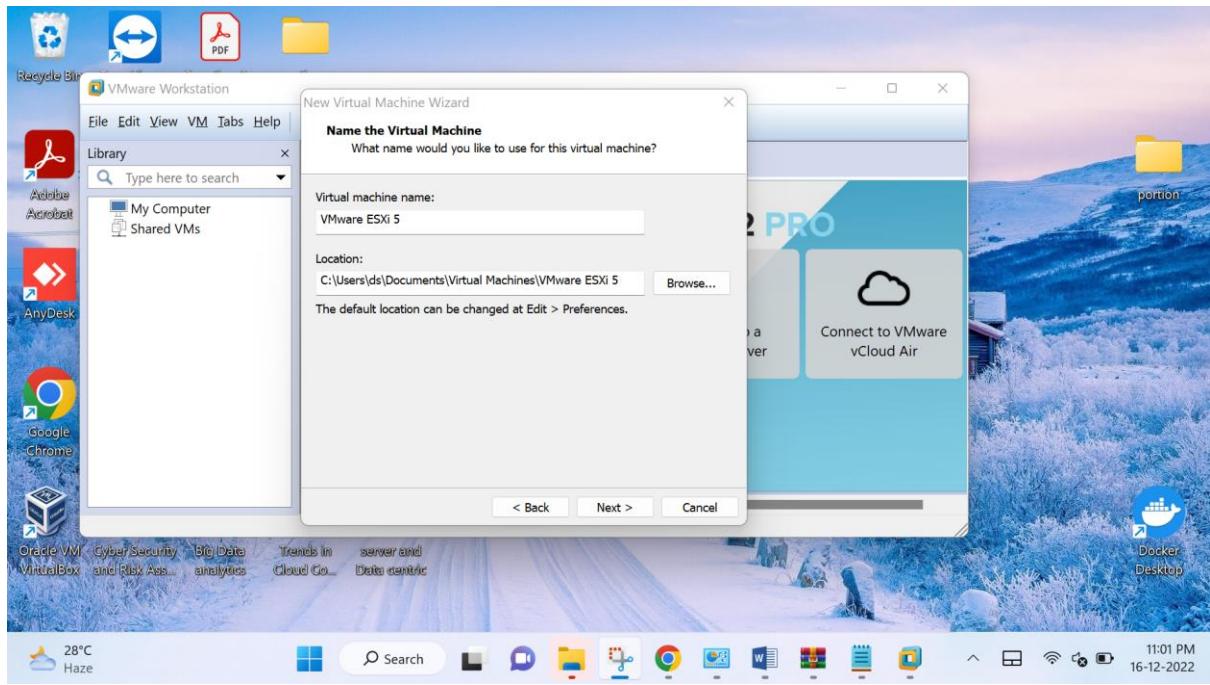


Step 2:

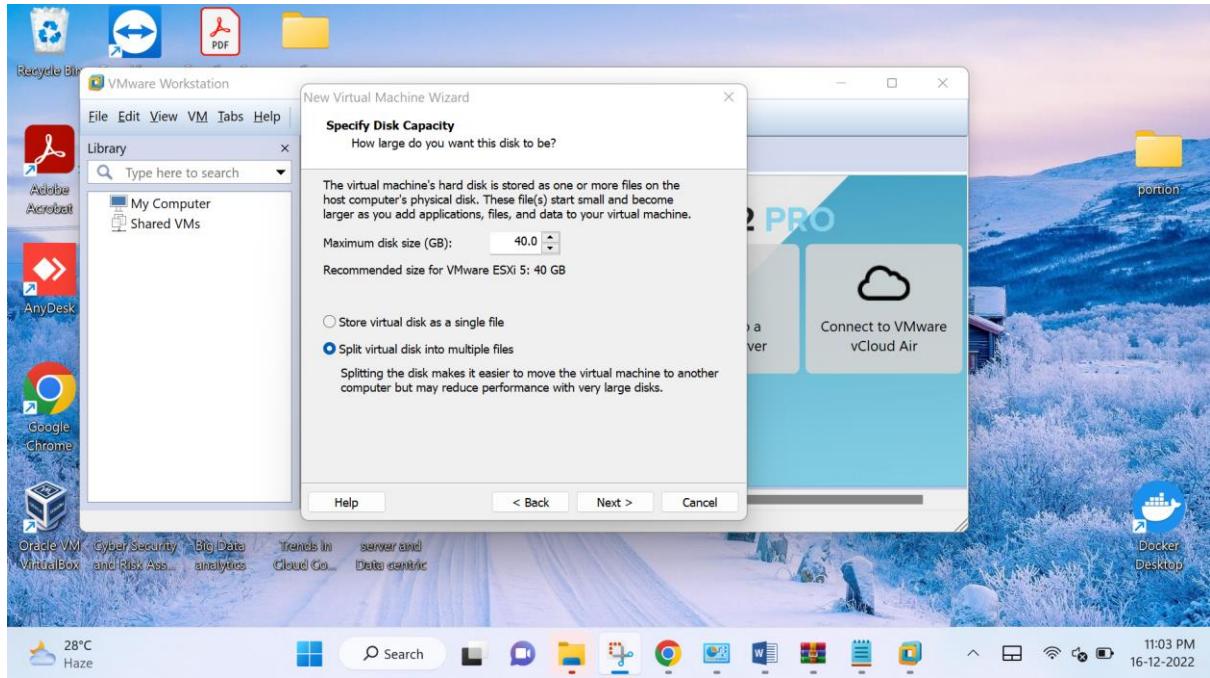
Click on Installer Disc image file > Select VmWare ESXi Server.iso file > Next.



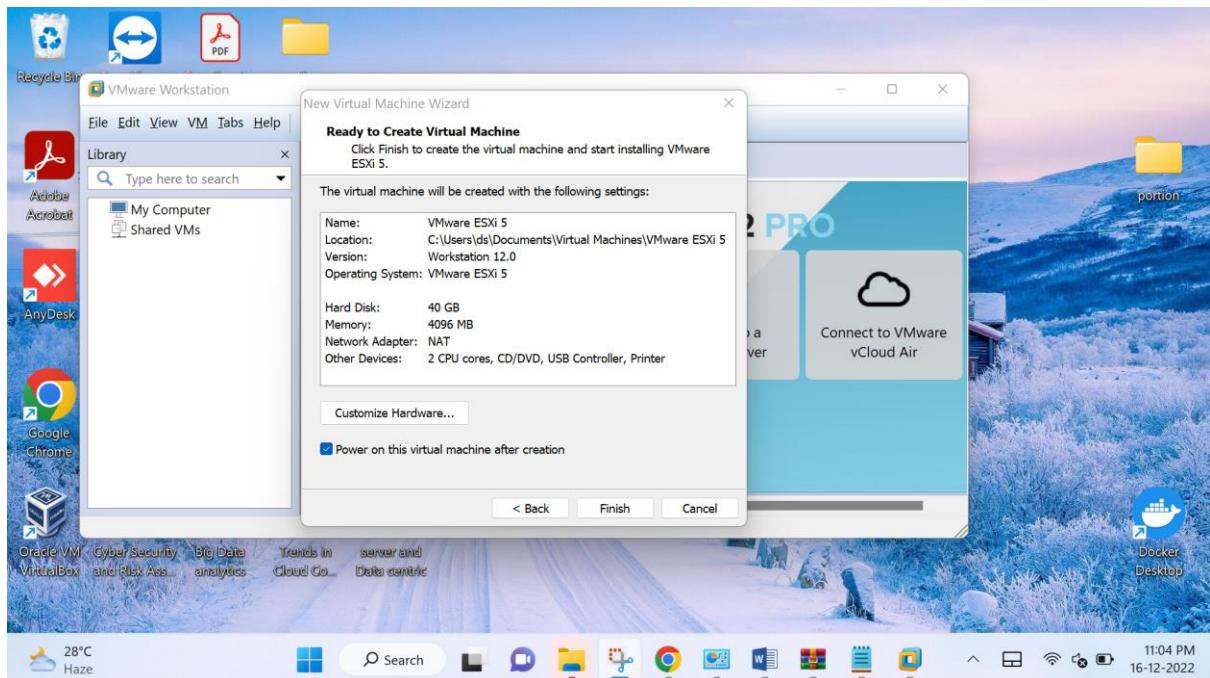
Step 4: Give name :- VMware ESXi 5



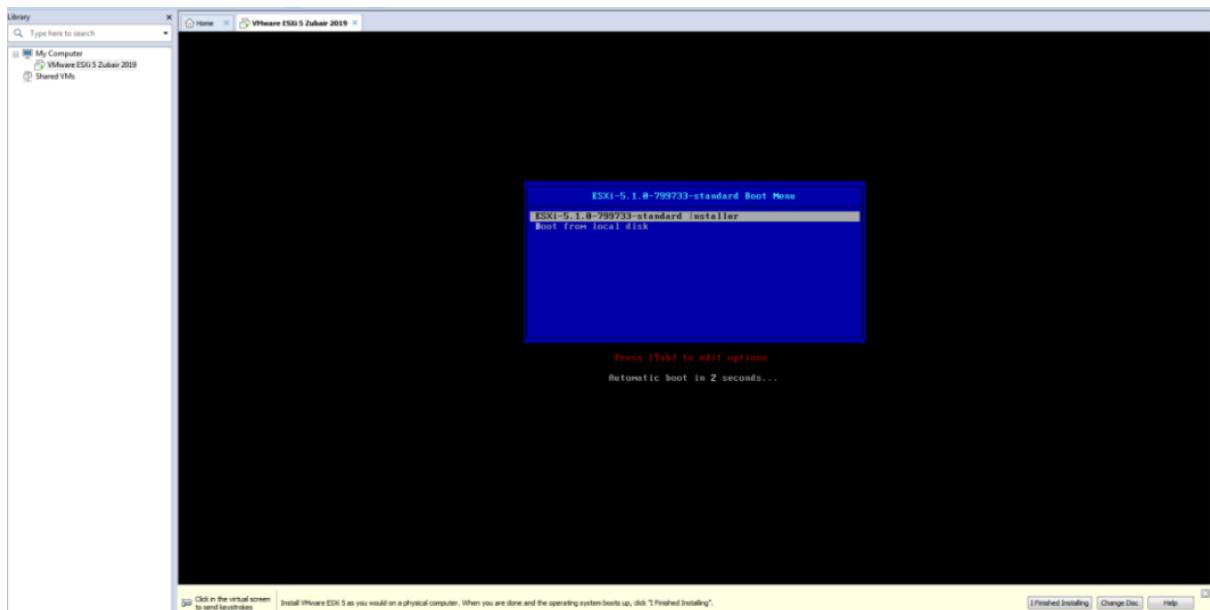
Step 5: Select Store virtual disk as a single file & Give size as 40.0 Gb.



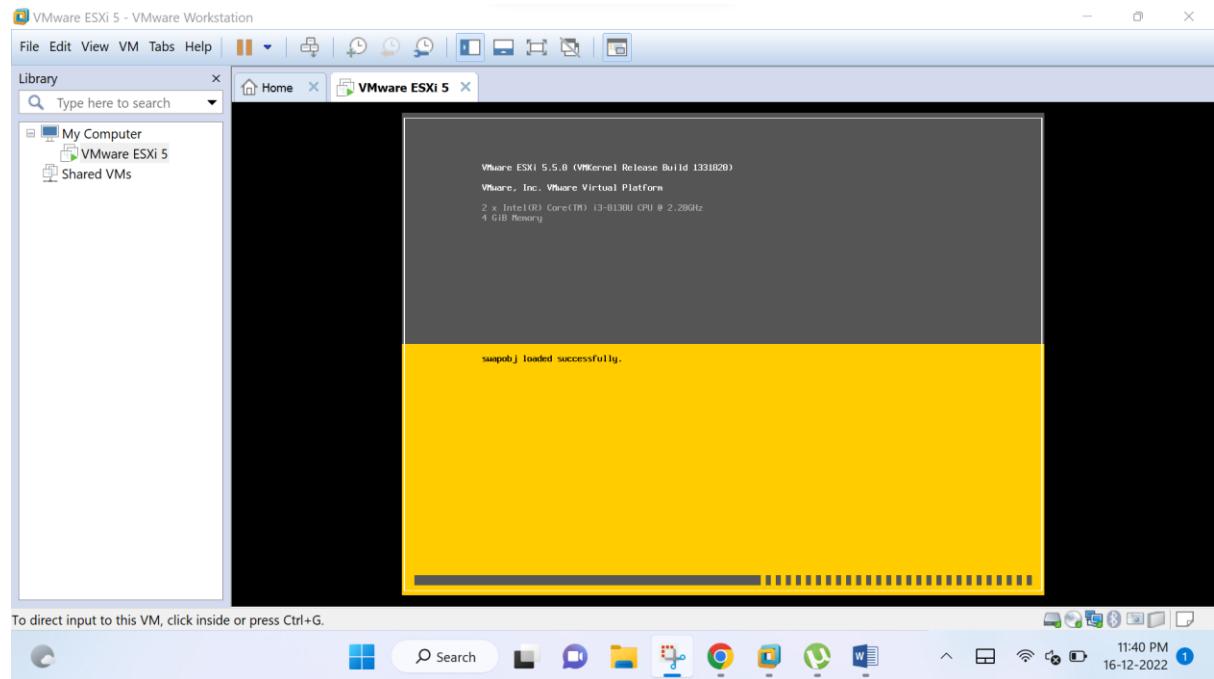
Step 6: Click on Finish.



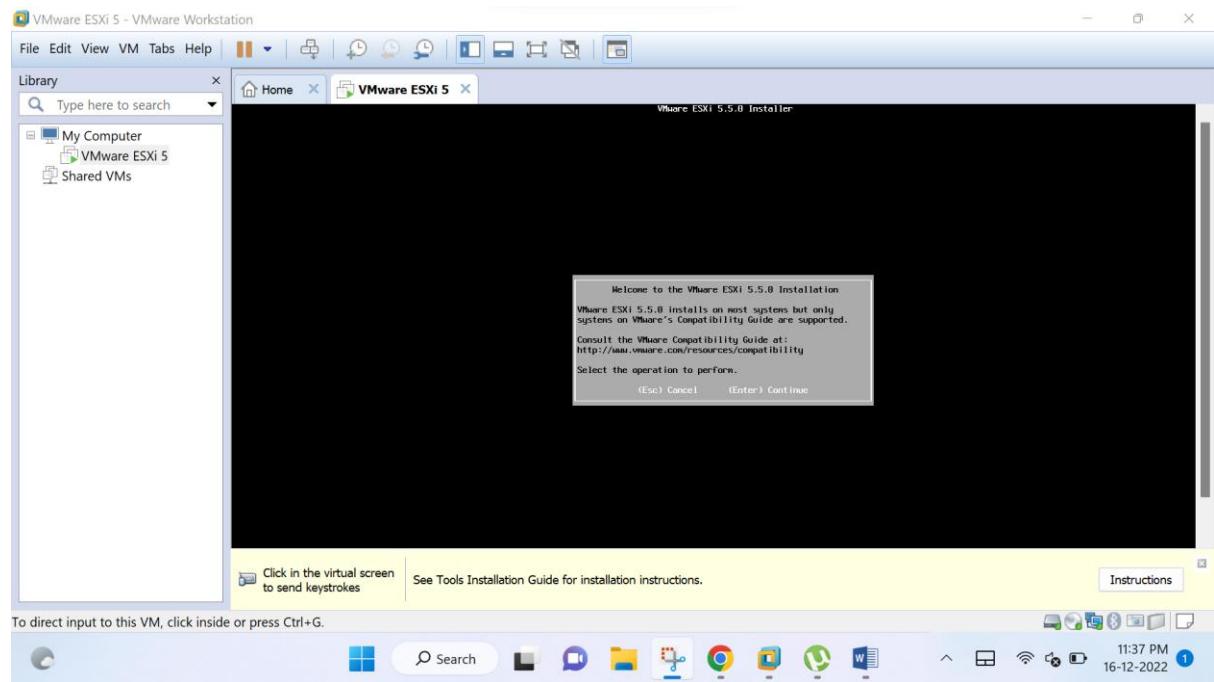
If showing vmware is not compatible with hyper-v then go into CMD as a administrator and then type cd \ and then type this command **bcdeboot /set hypervisorlaunchtype off** reboot the computer.



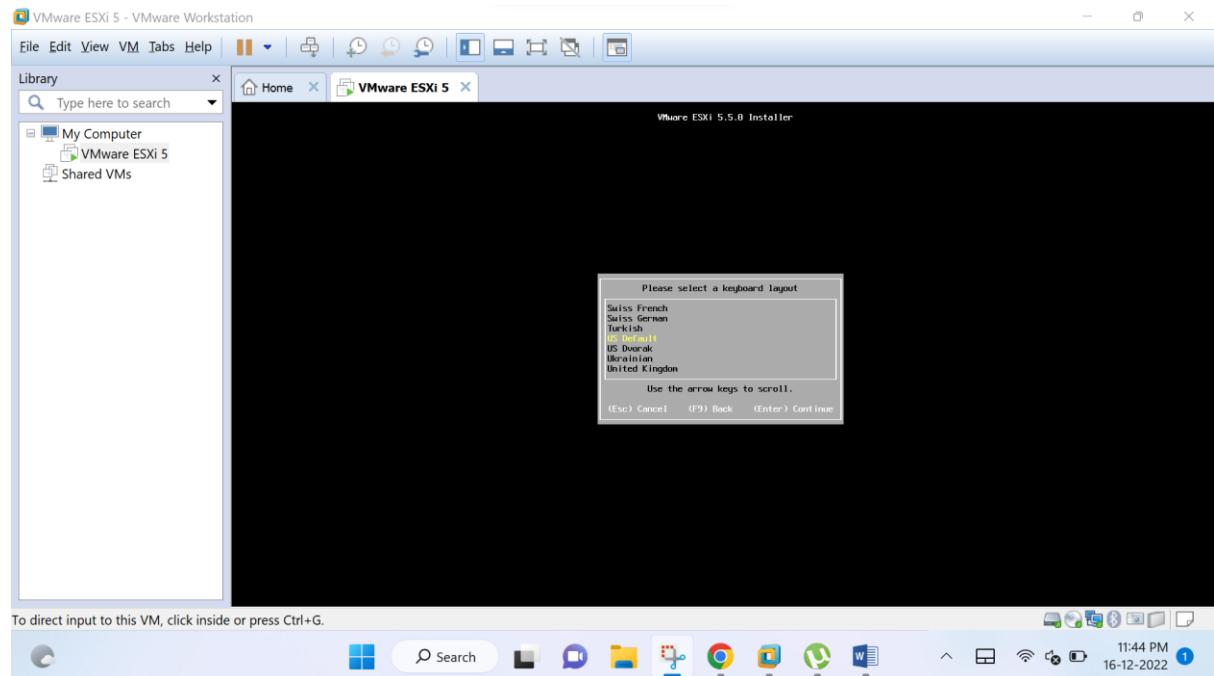
## Loding the required files



Press enter to continue



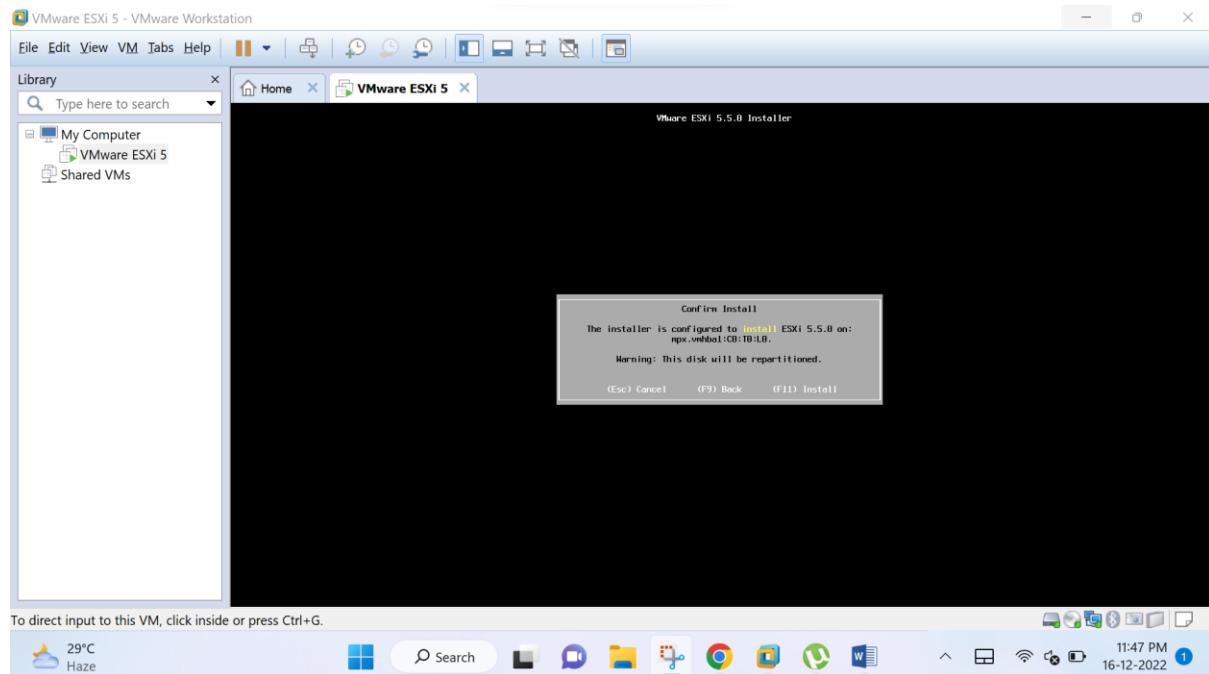
## Choose default



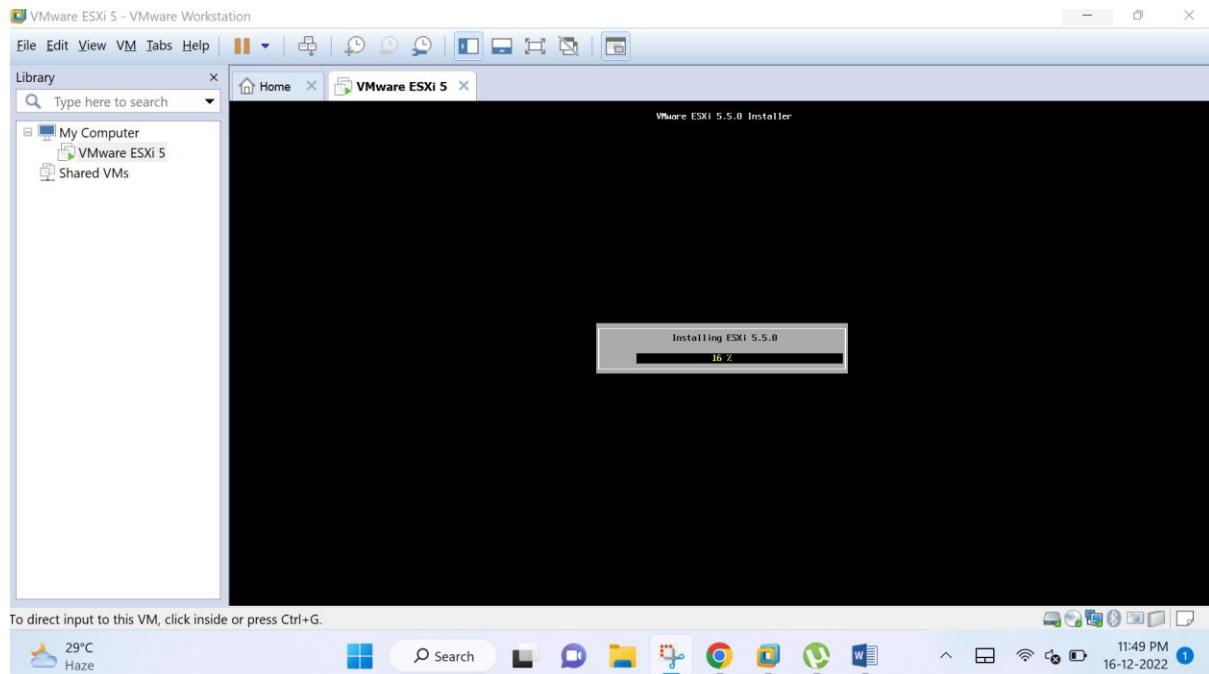
Enter Password admin23



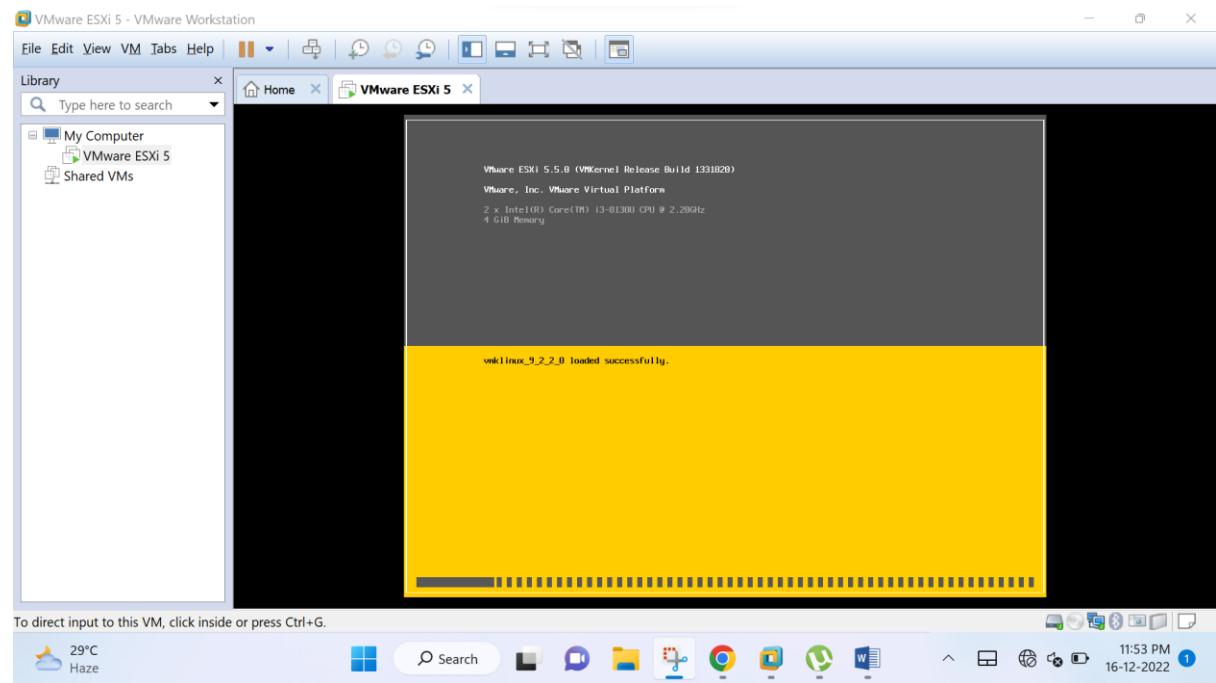
Press f11 to continue.



## Installation



Installation has been done



# Implement VM on XEN Server

## Pre Installation Procedure

- Software Required :-

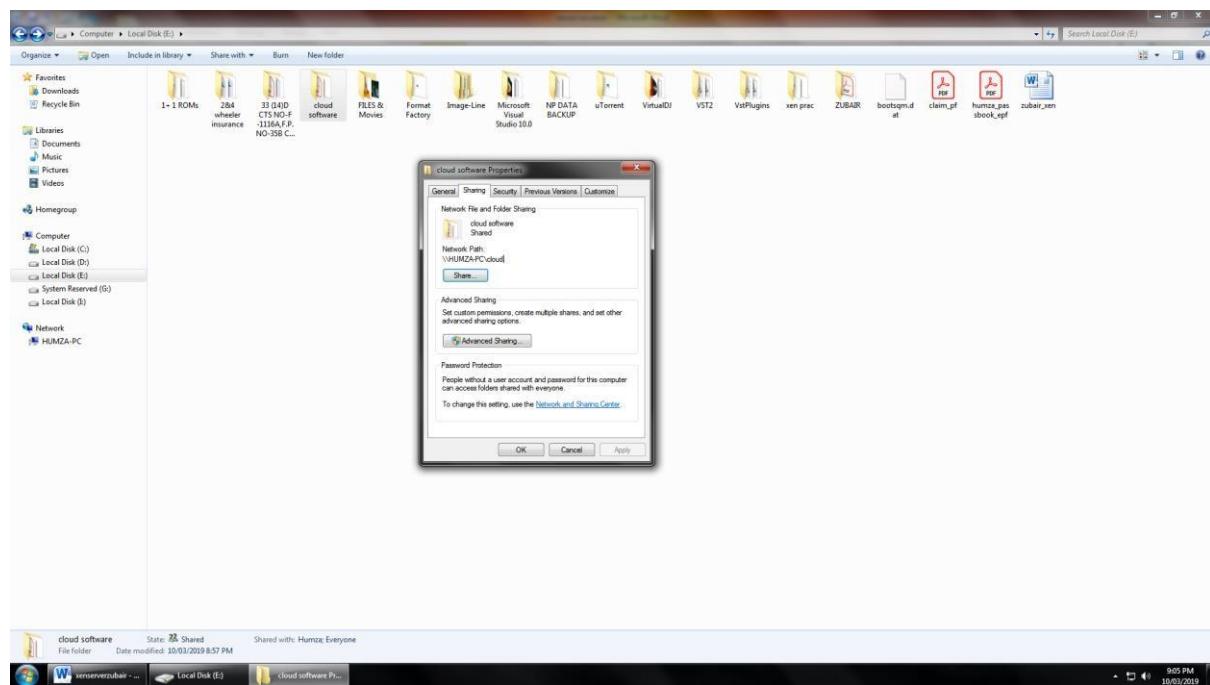
✓ XenServer-6.5.0-xenserver.org-install-cd ✓  
XenServer-7.6.0-XenCenter ✓ .Net Framework  
4.6 or higher.

Step 1:

Create a folder > Give any name (cloud in our case),

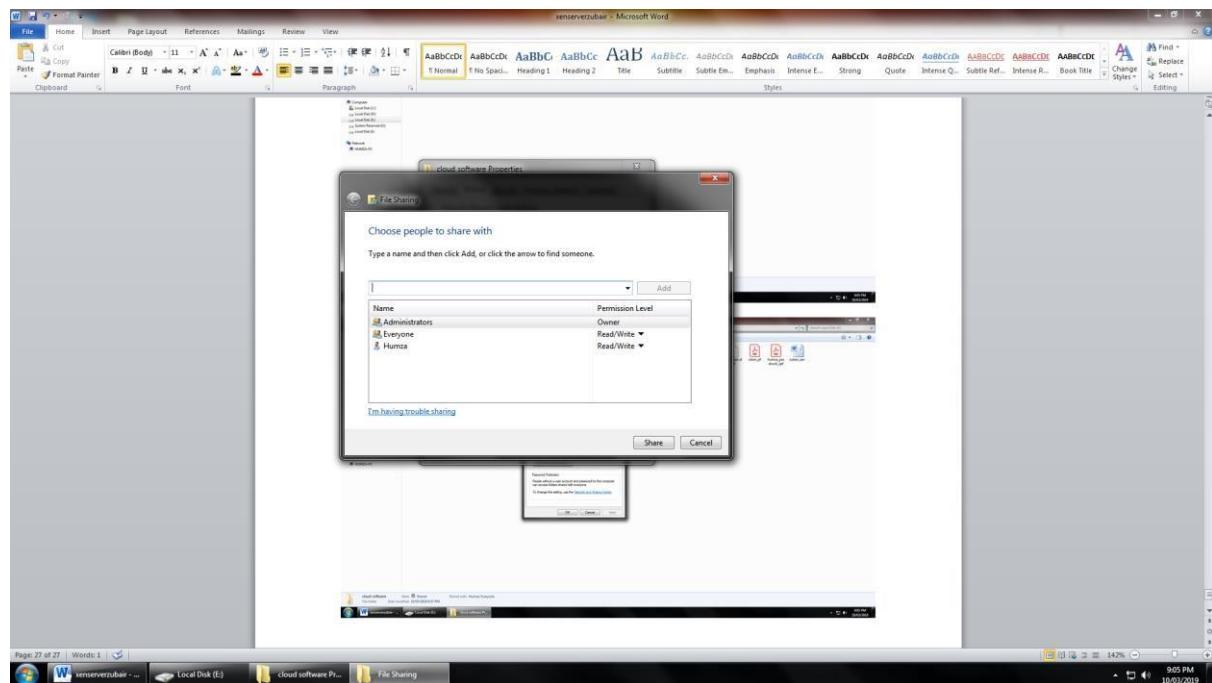
Copy Windows 7 Iso File in it,

Right Click on the folder, click on properties and go to Sharing Tab.



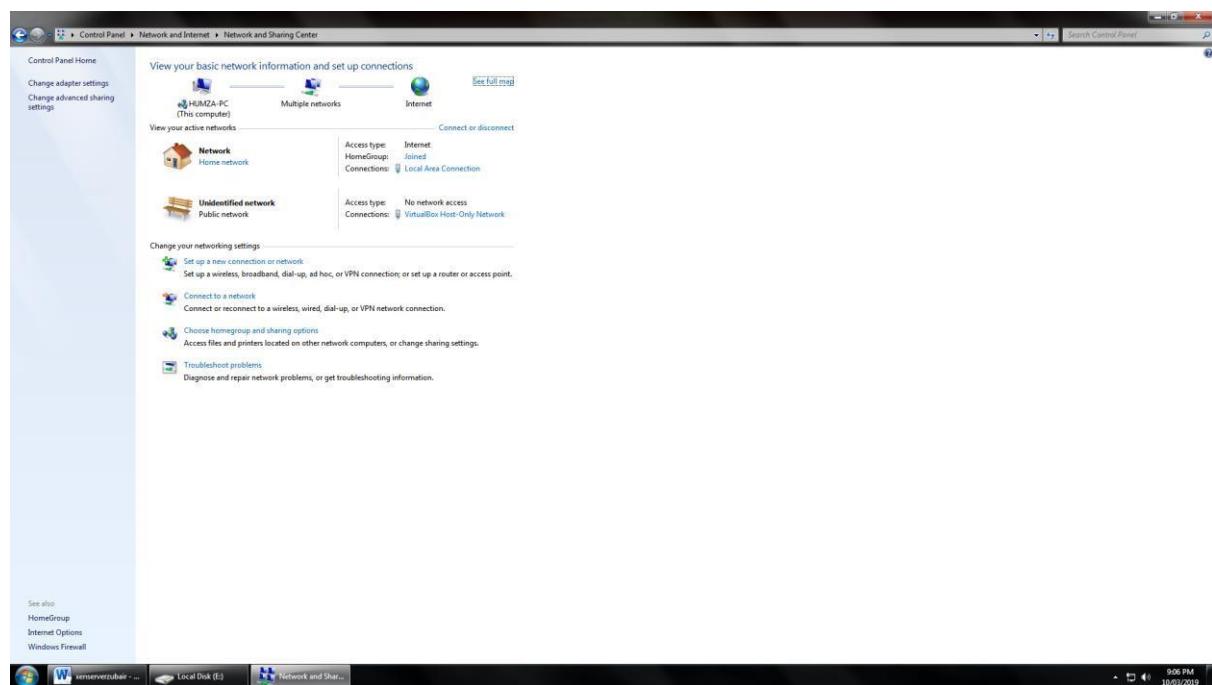
## Step 2:

Select > Everyone and Give > Read/Write (Permission Level)



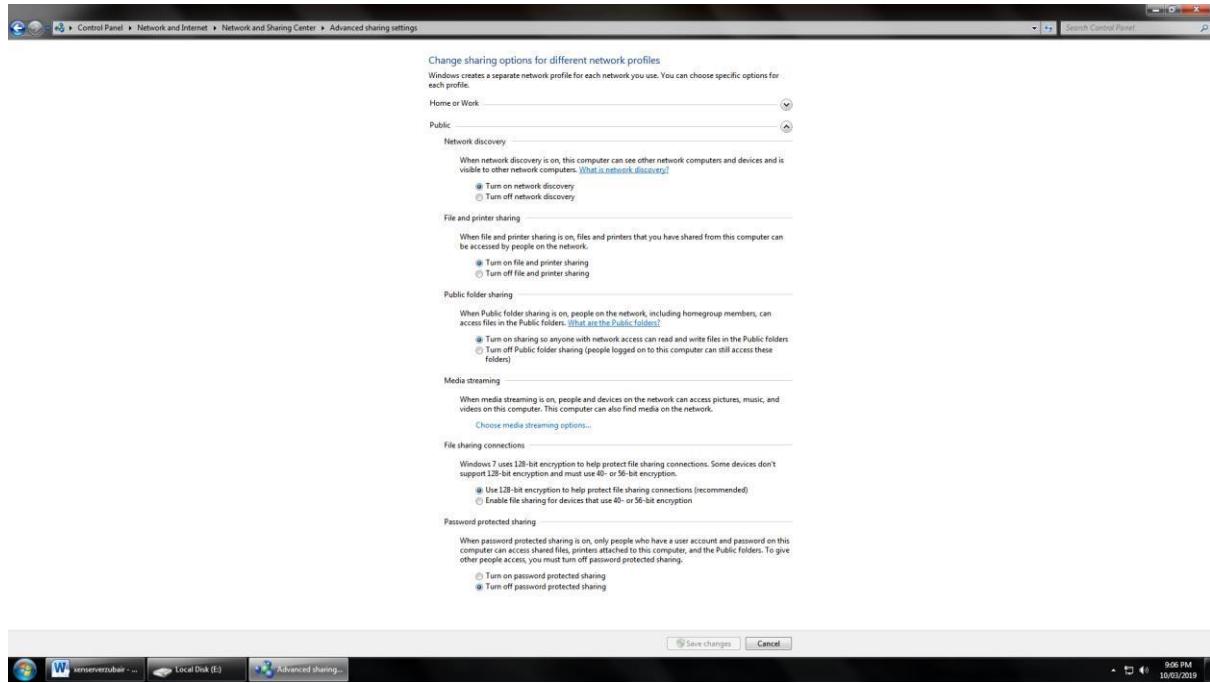
## Step 3:

Go to Start Menu > Control Panel > Network and Sharing Center > Change advanced sharing settings.



## Step 4:

Turn Off Password Protection Sharing > Save Changes.



# Implement VM on XEN Server

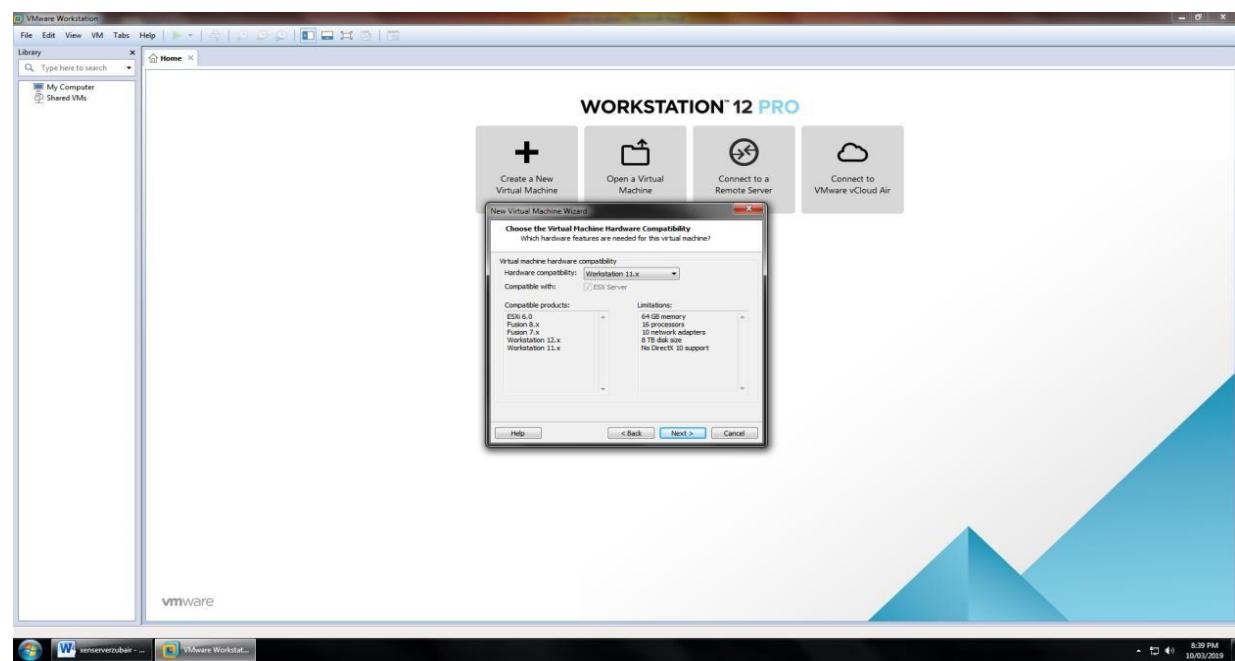
Step 1:

Open VmWare & Click on Add New Virtual Machine.



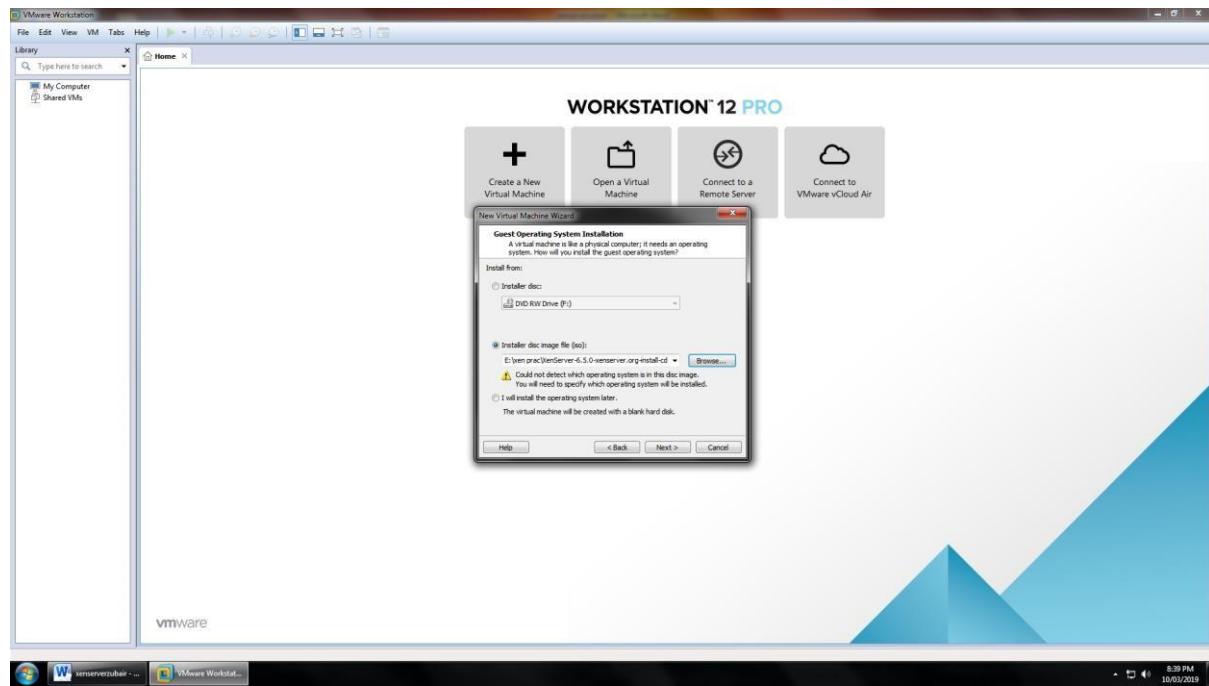
Step 2:

Select Hardware Compatibility as Workstation 11.x



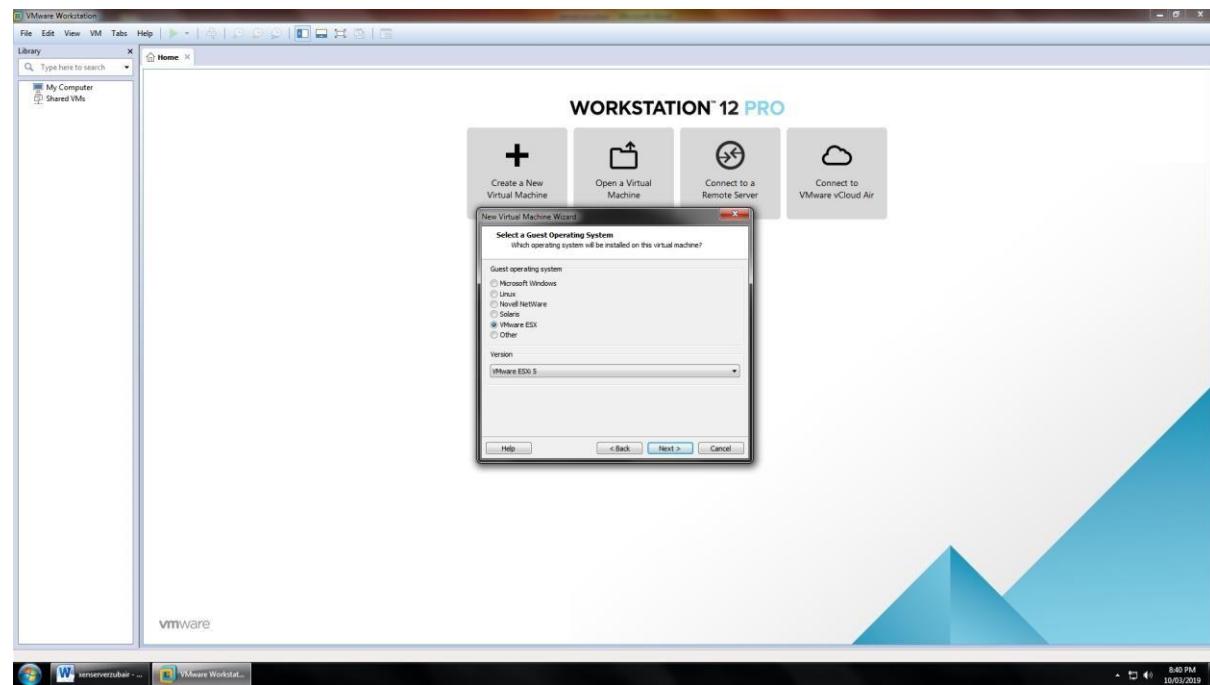
### Step 3:

Click on Installer disk image & Select Xen Server.iso file



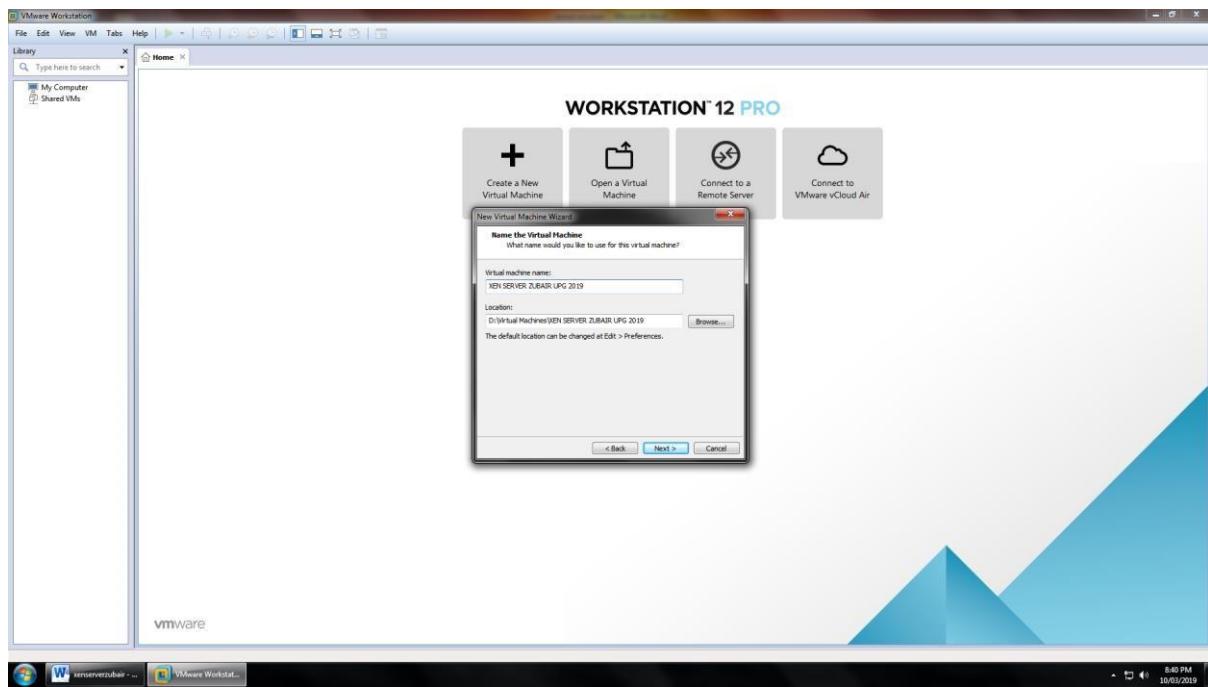
### Step 4:

Select VMware ESX as O.S & Version VMware ESXi 5



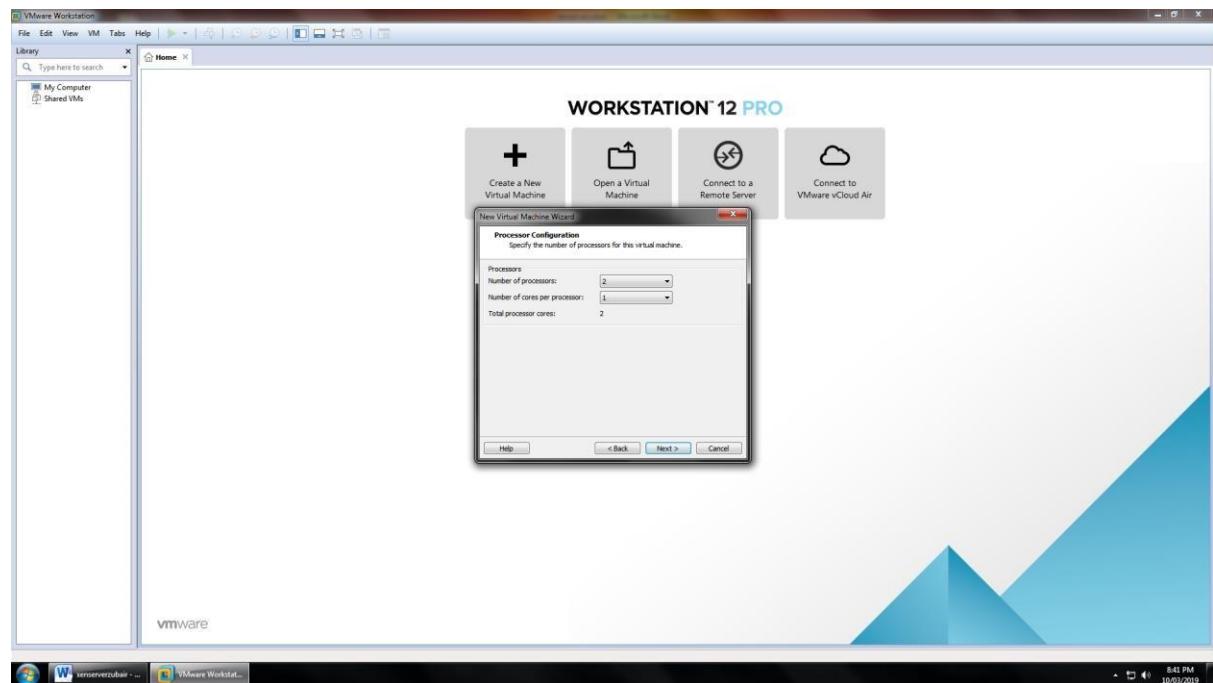
Step 5:

Give virtual machine name :- XEN SERVER ZUBAIR UPG 2019



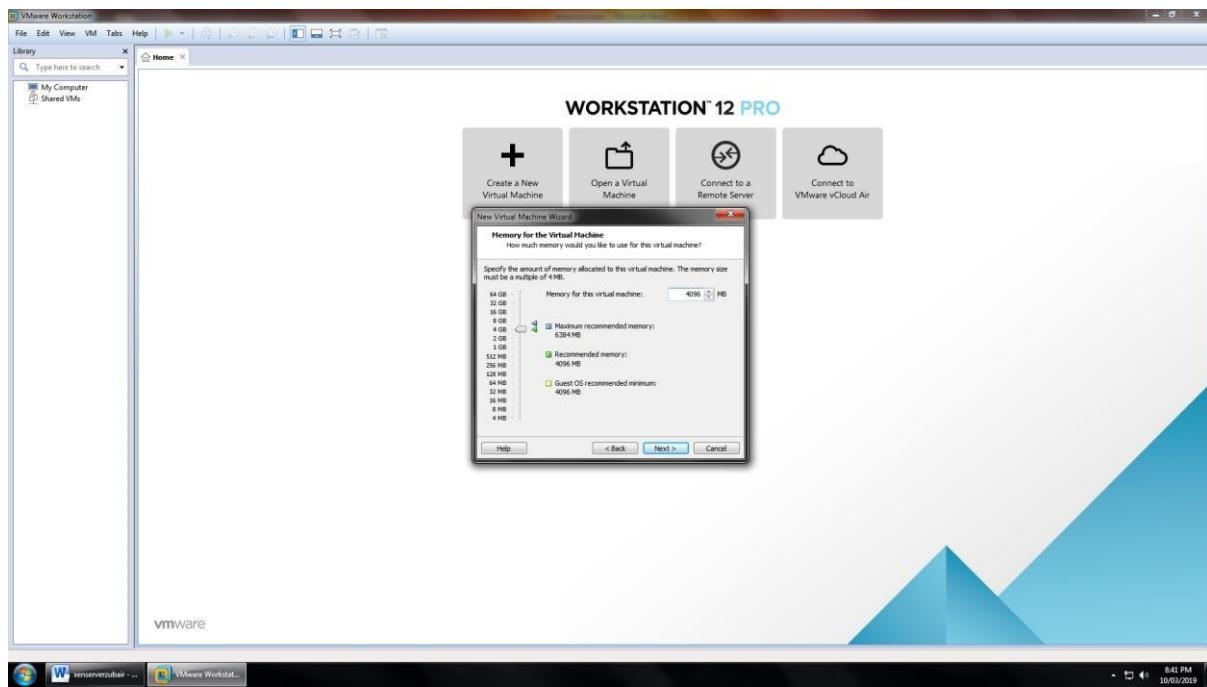
Step 6:

Select 2 Processors and Select 1 Core.



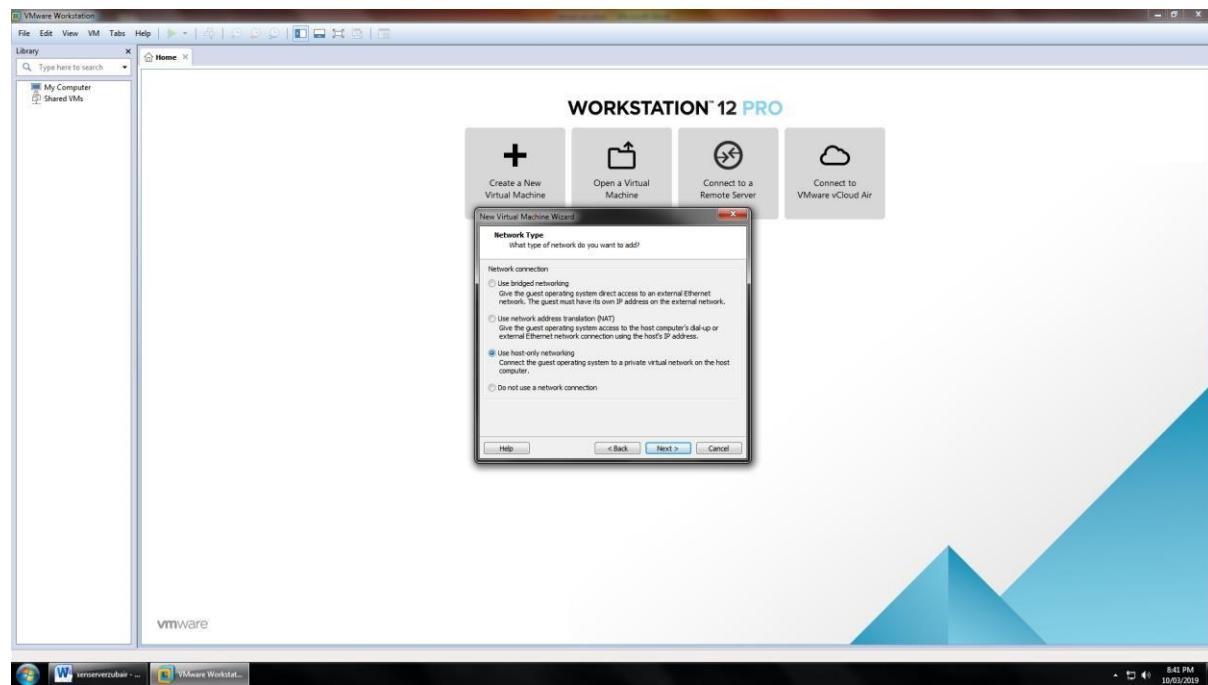
Step 7:

Select Ram as 4096 MB



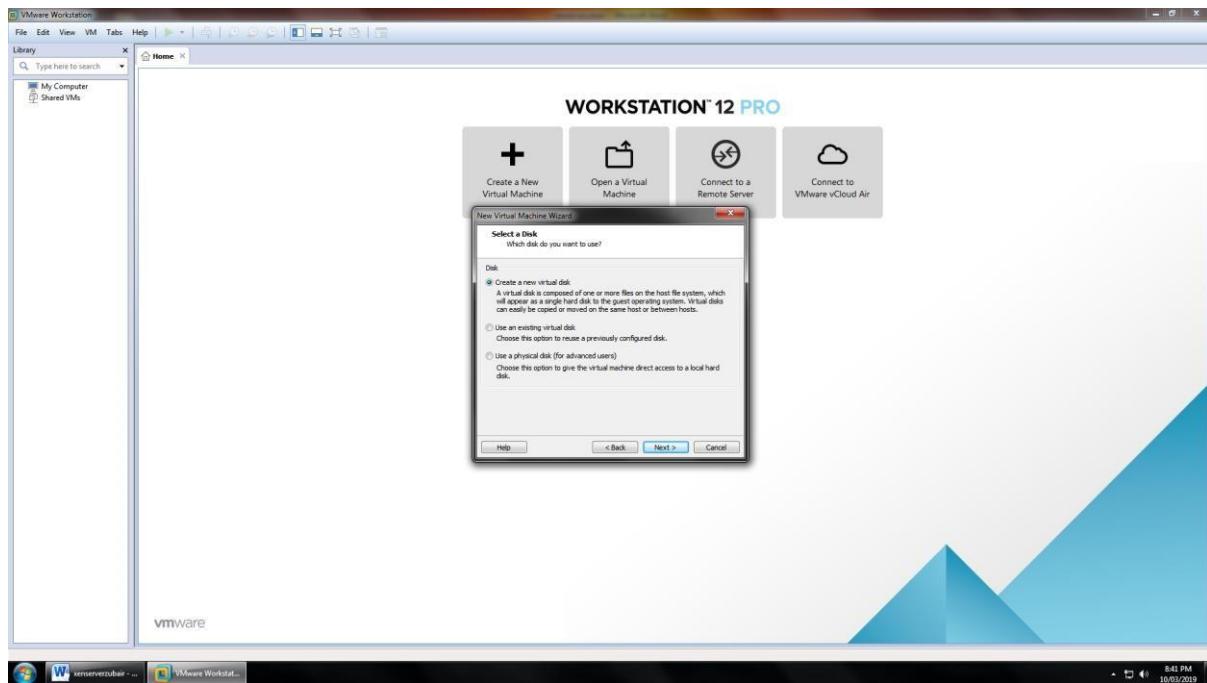
Step 8:

Network Type :- Use host-only networking



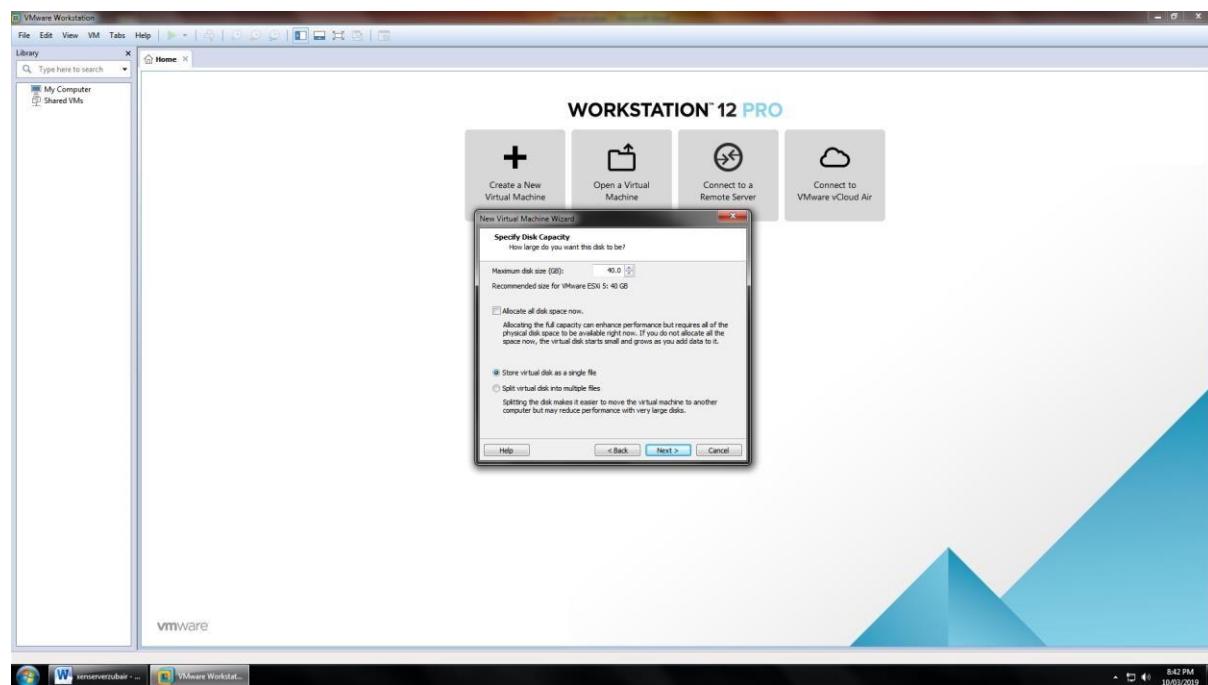
## Step 9:

Disk :- Create a new virtual disk

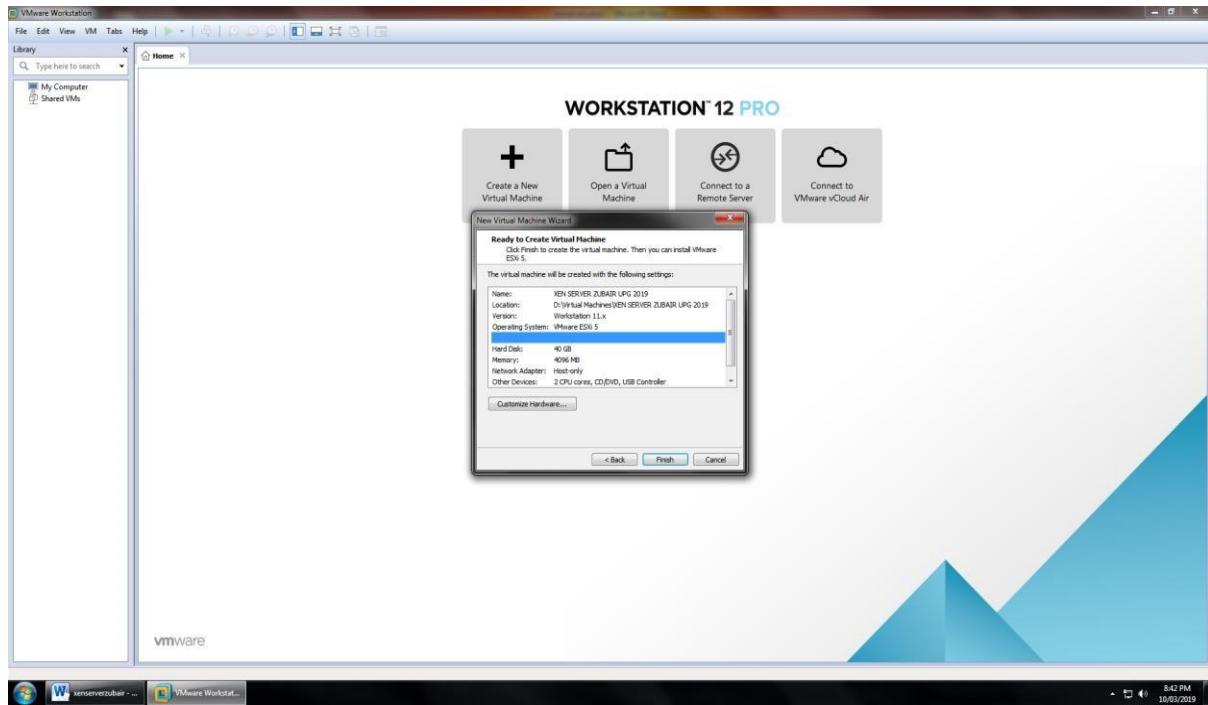


## Step 10:

Storage Capacity :- 40Gb & Select Store virtual disk as a single file.

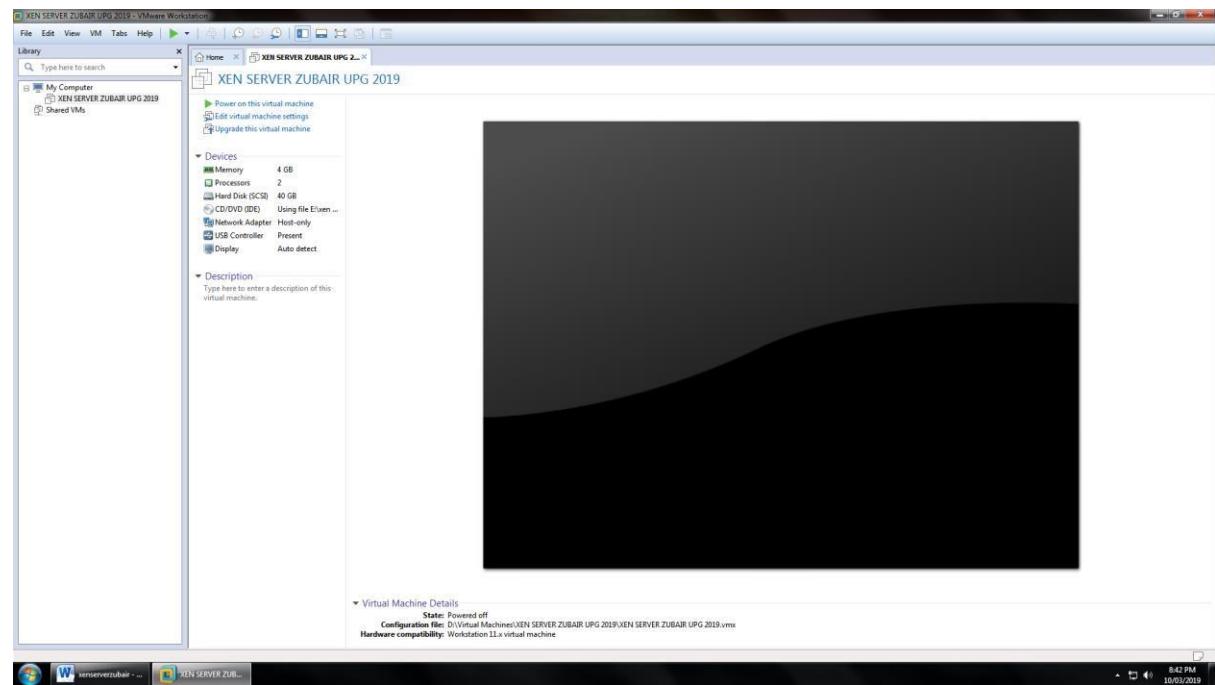


## 1: Your configuration is ready

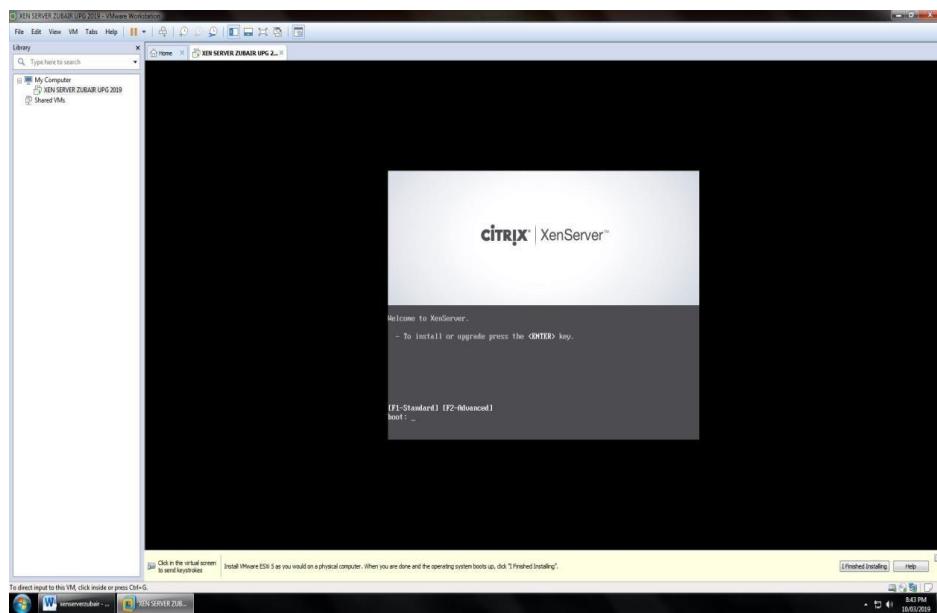


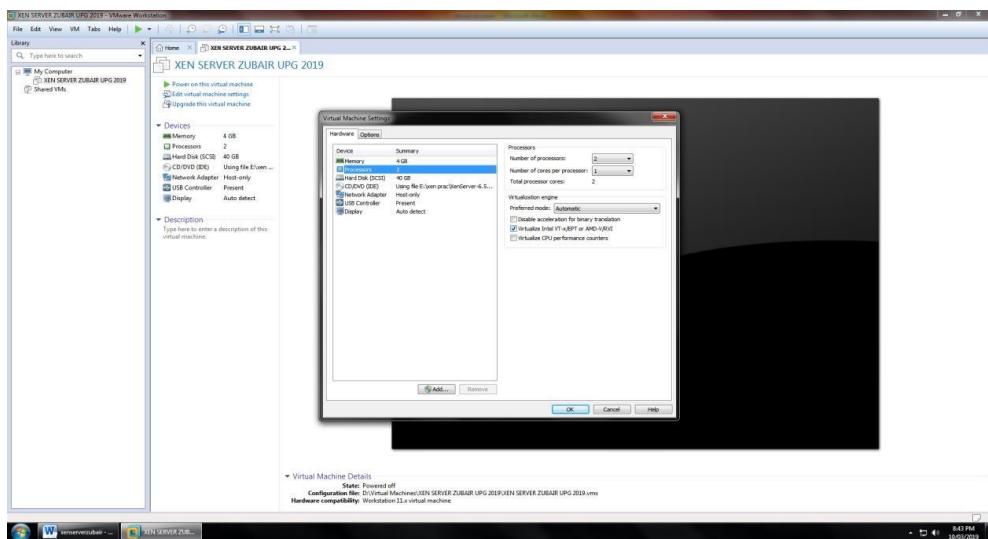
Step 12:

Your new virtual machine XEN SERVER is created.



3: Click on Edit Virtual Machine > Processors > Select Virtuaize Intel.



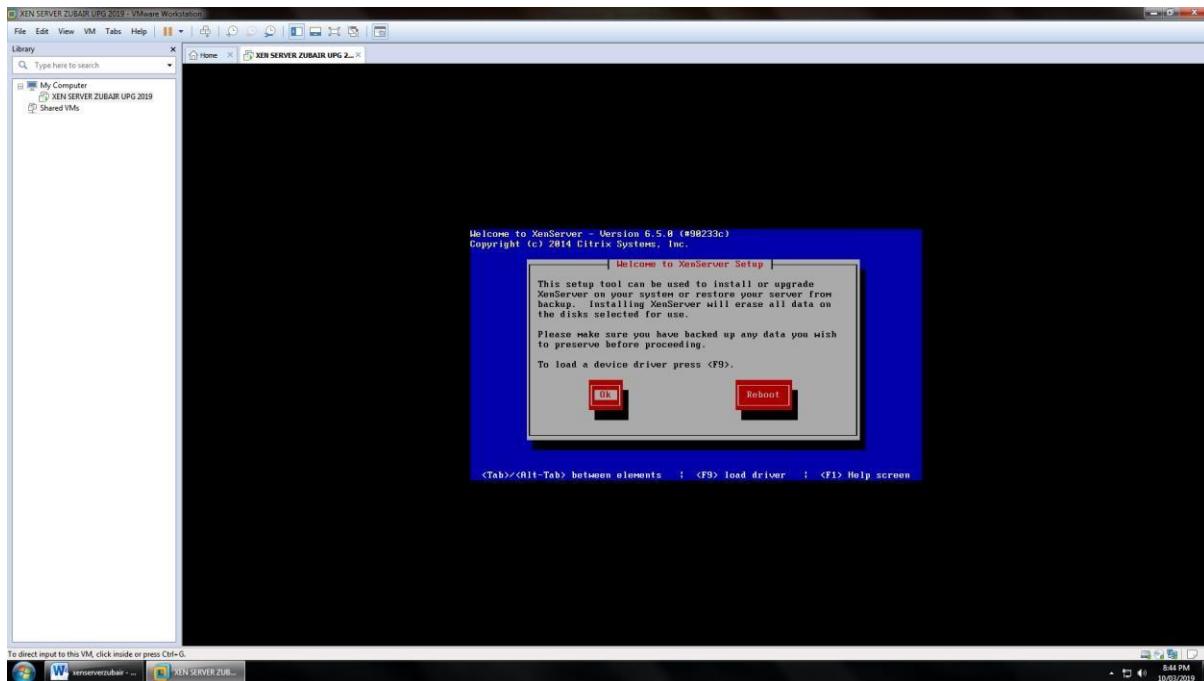


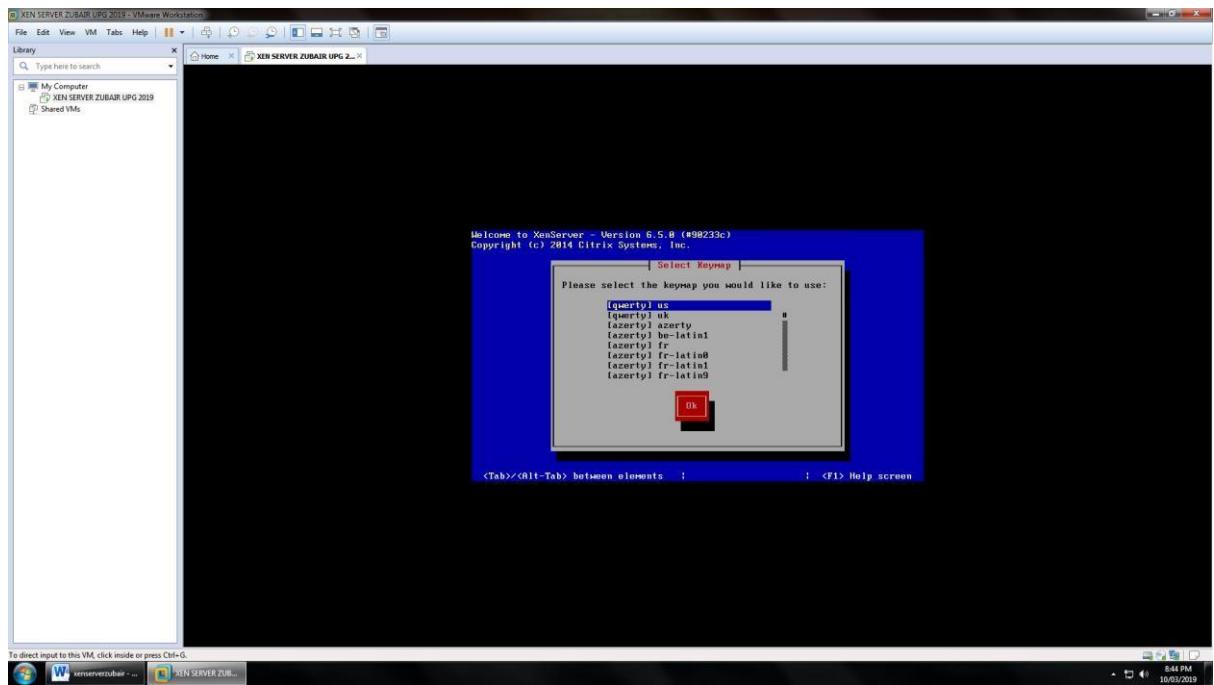
## Step 14:

Start your virtual machine.

5:

Select “[qwerty] us” and click on ok.

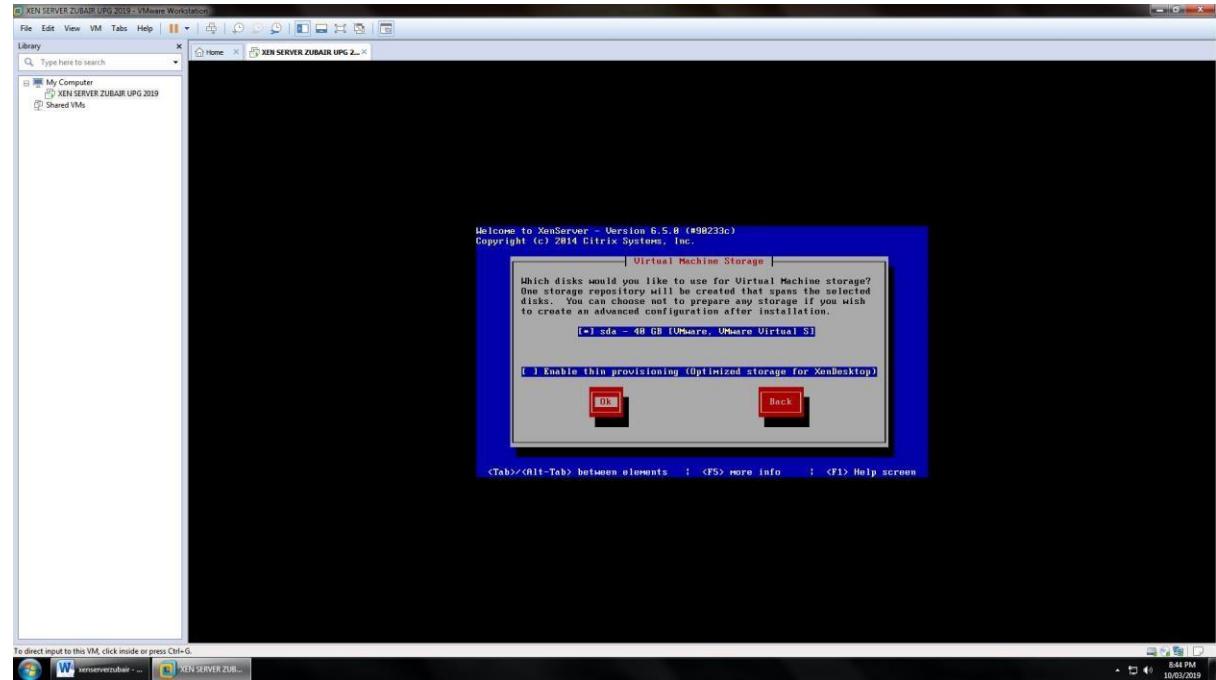


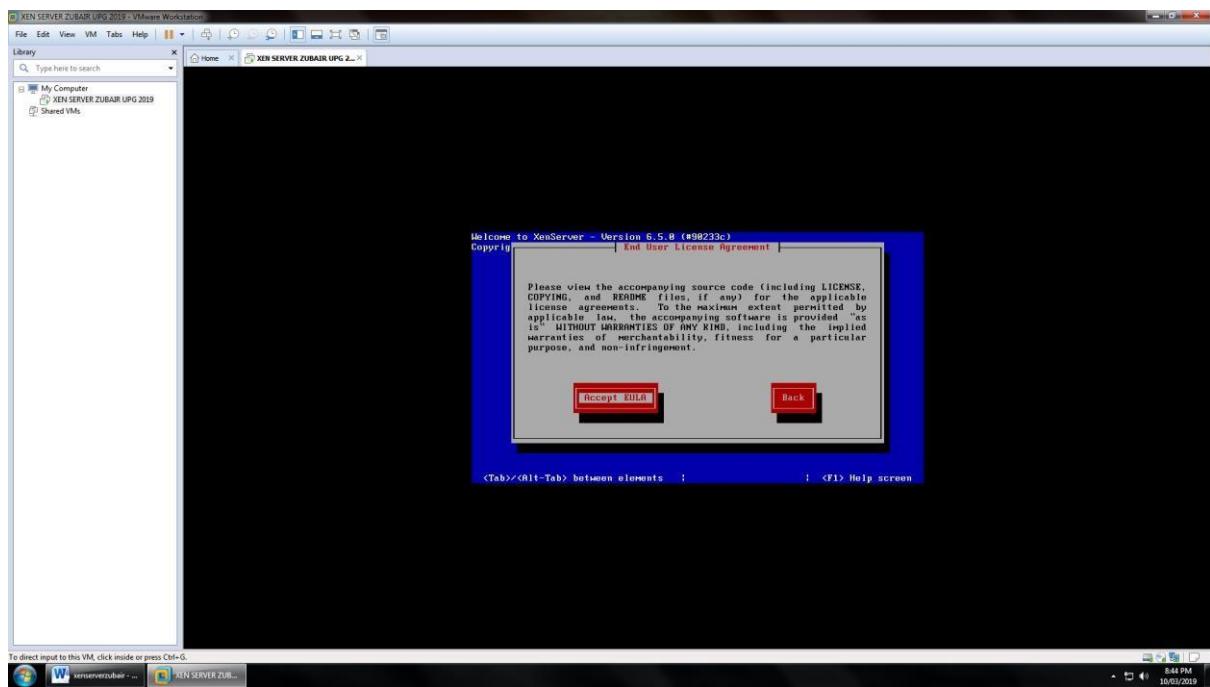


Step 16:

Click on Ok.

Click on “Accept EULA”.



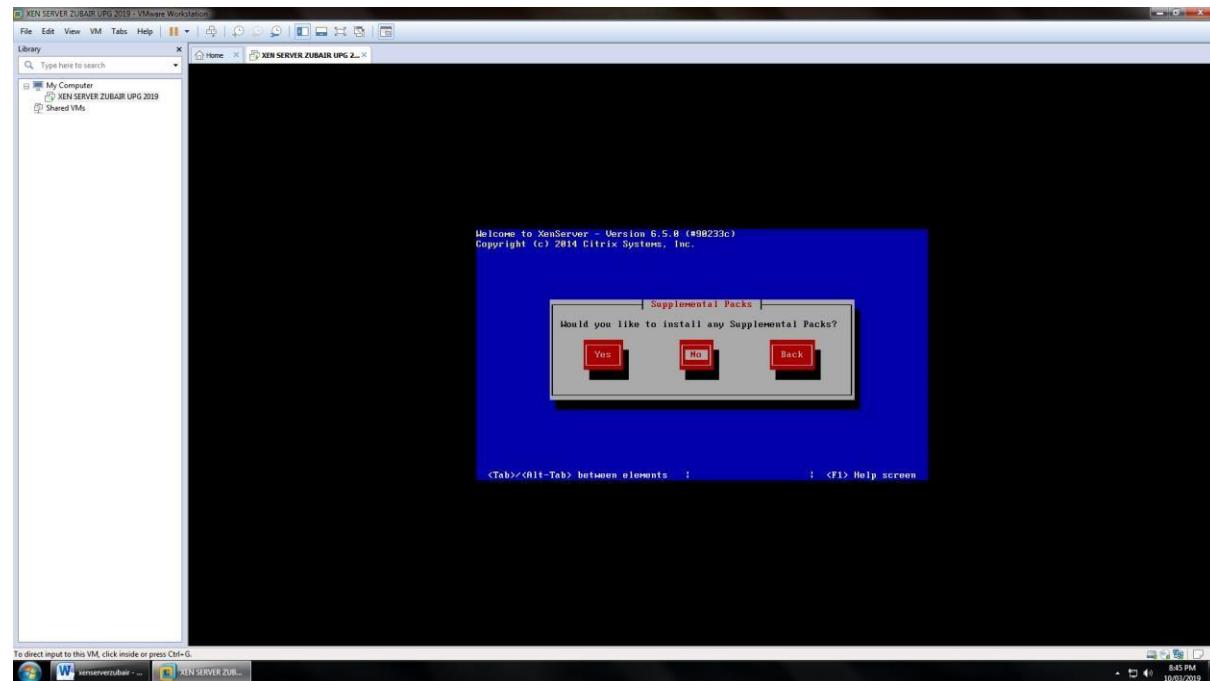


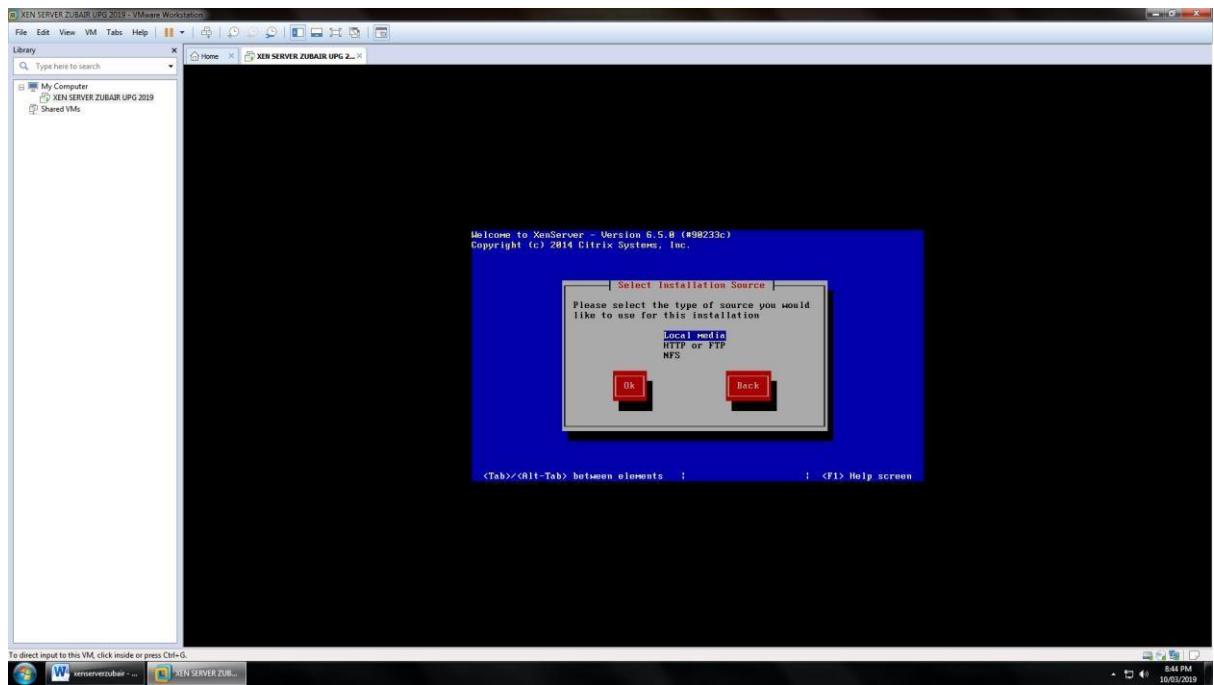
Step 18:

Click on Ok.

9:

Select “Local Media” and click on Ok.



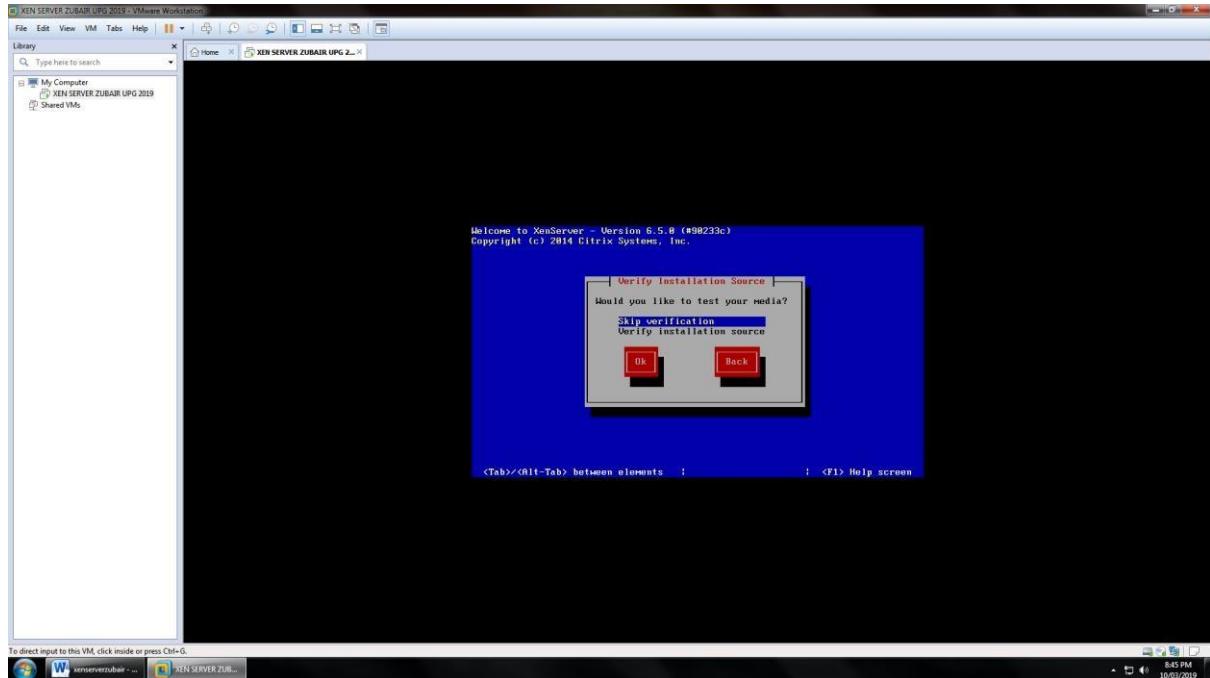


Step 20:

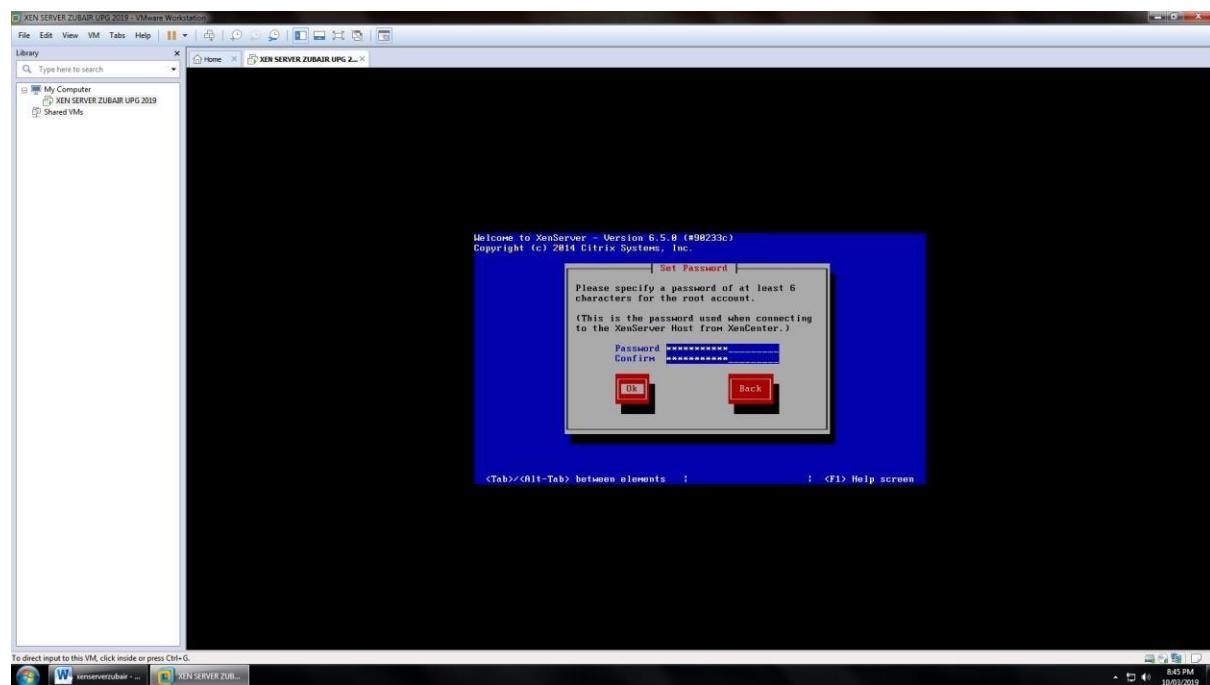
Click on No.

1:

Select “Skip verification” and click on Ok.



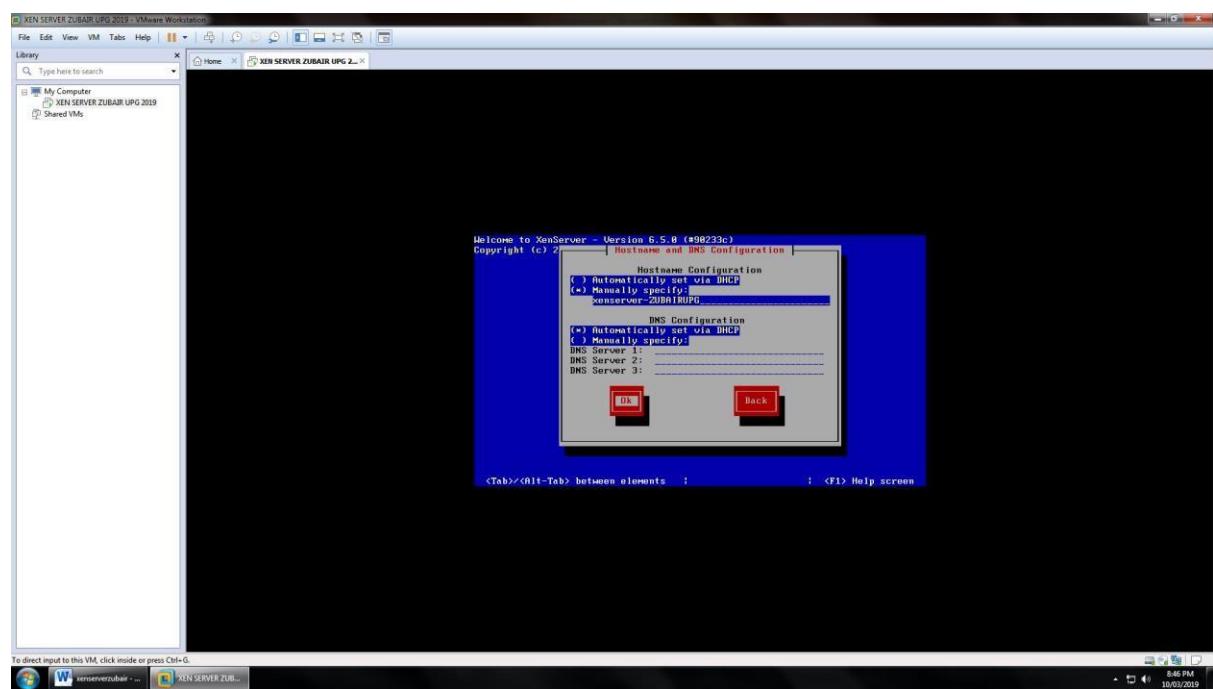
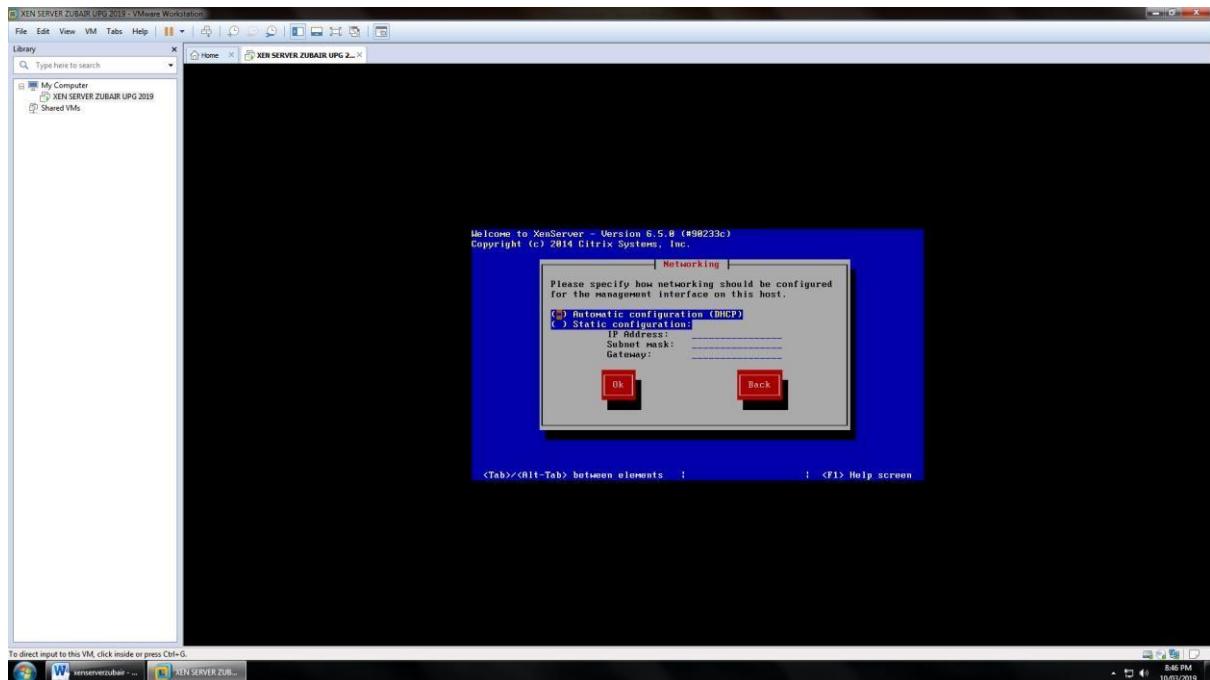
Step 22:



Username :- root (default) & Password :- admin123456. Click on Ok.

3:

Click on Ok.

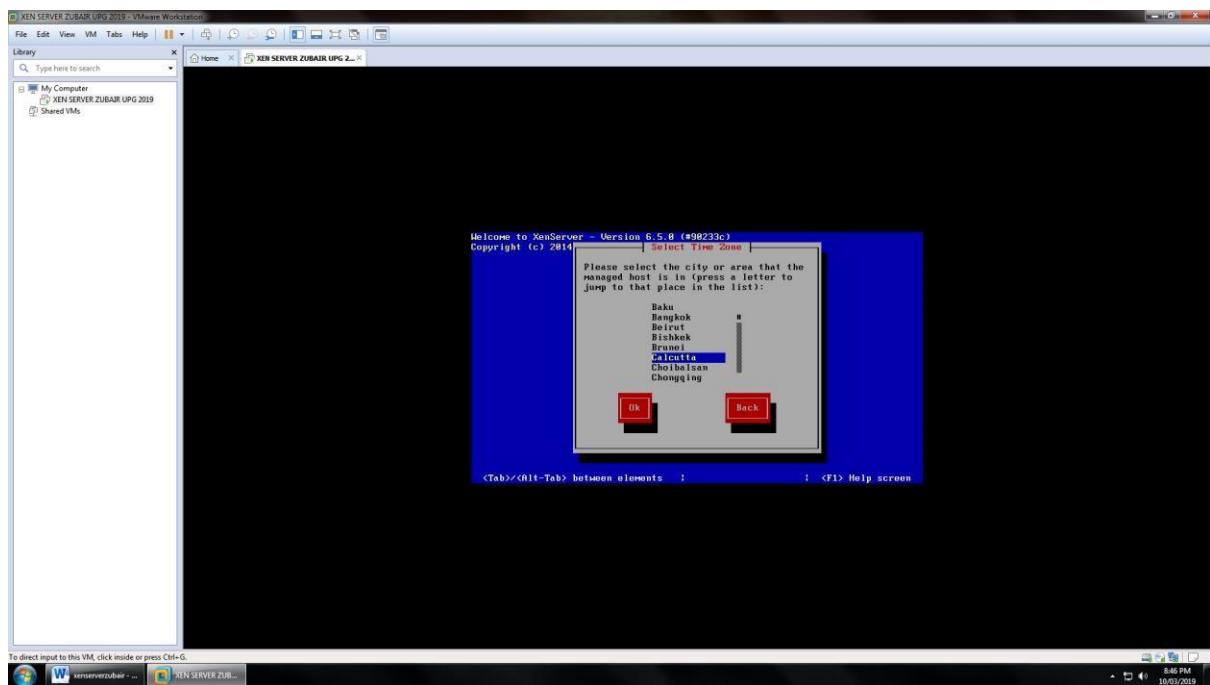


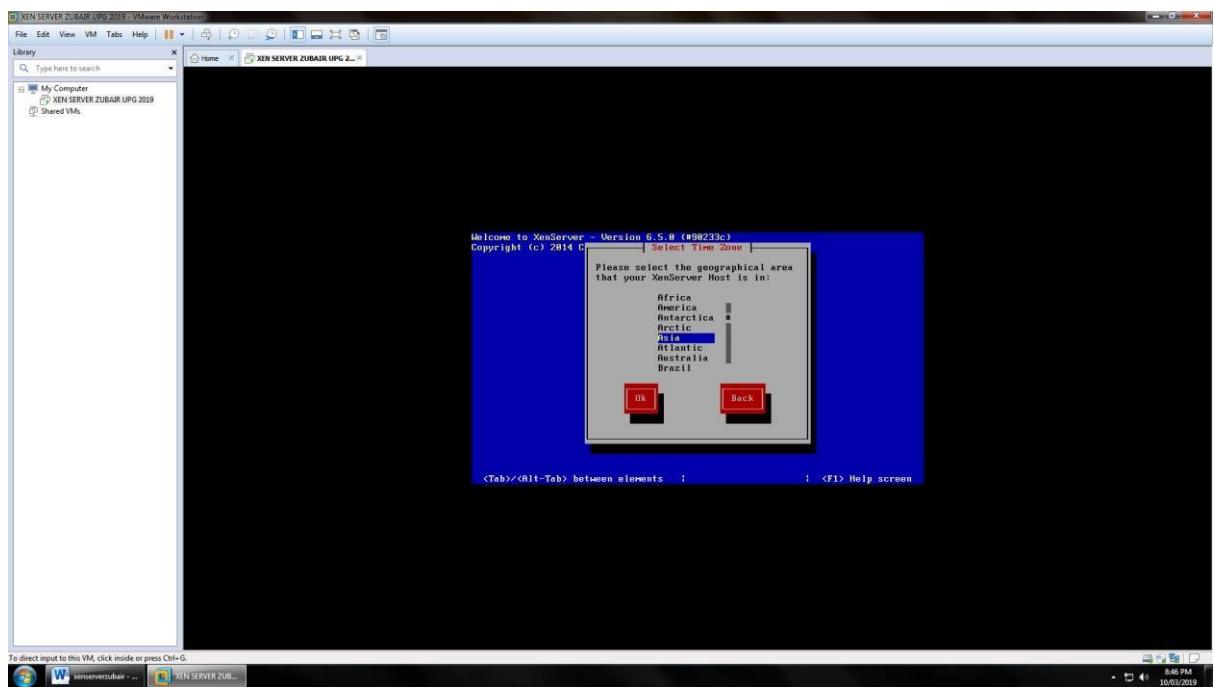
Step 24:

Enter the name for Hostname configuration and click on Ok.

5:

Select “Asia” and click on Ok.



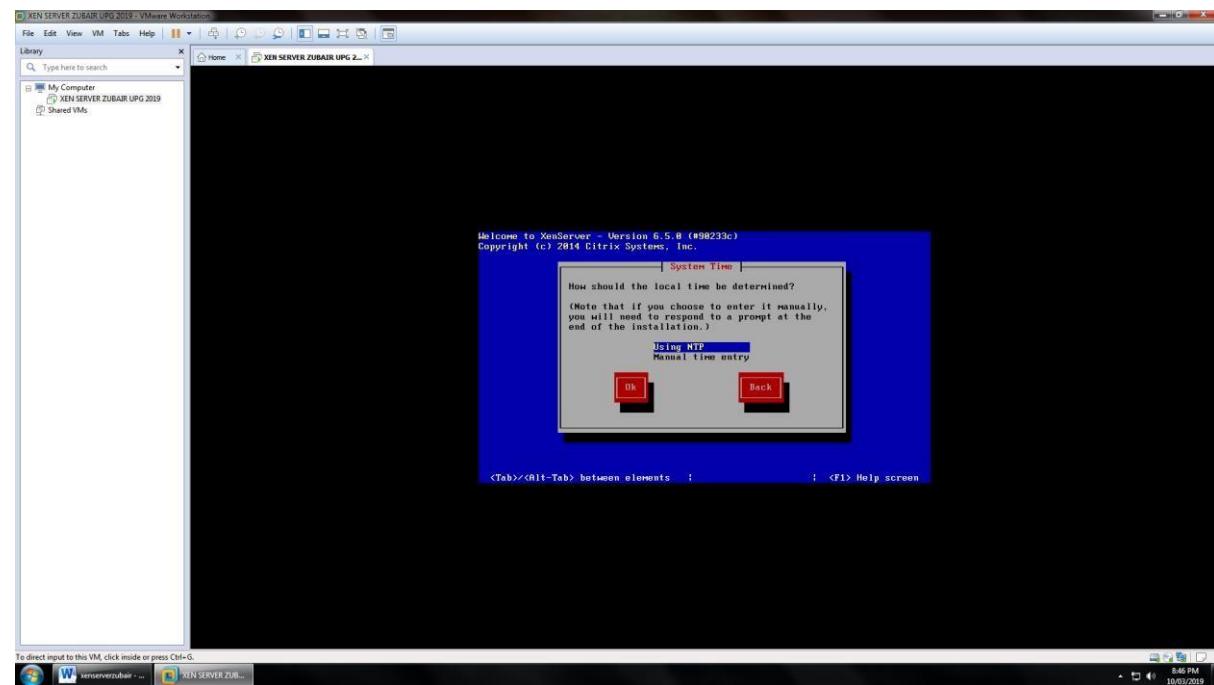


Step 26:

Select “Calcutta” and click on Ok.

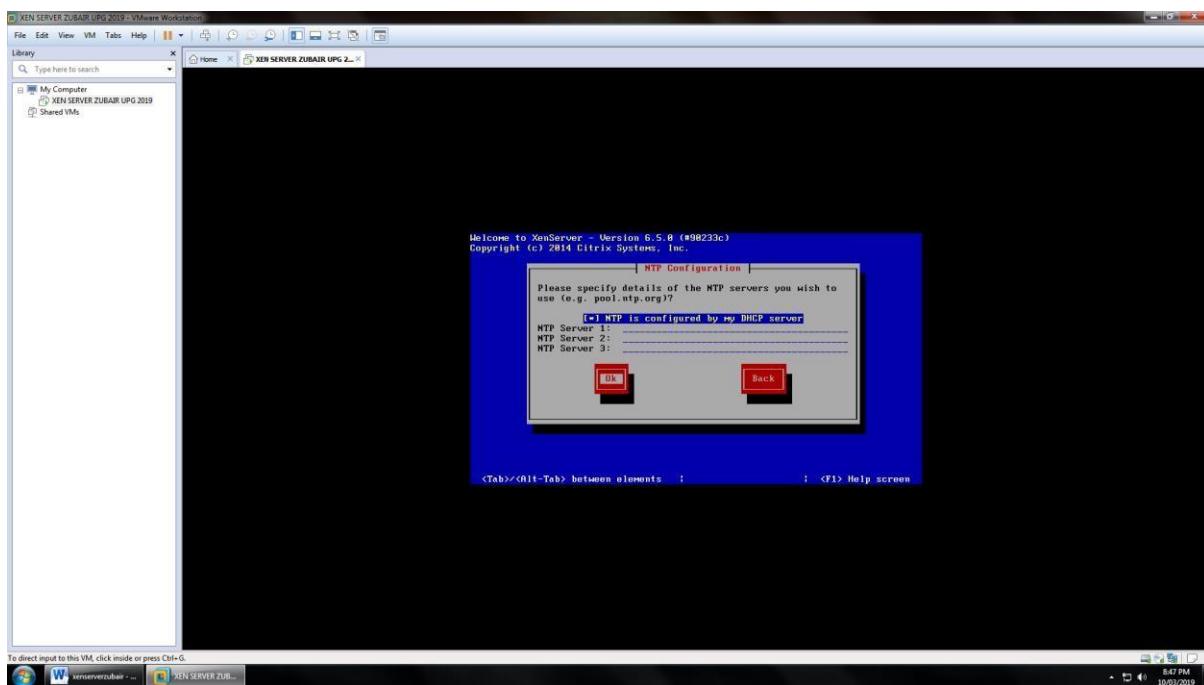
7:

Select “Using NTP” and click on Ok.



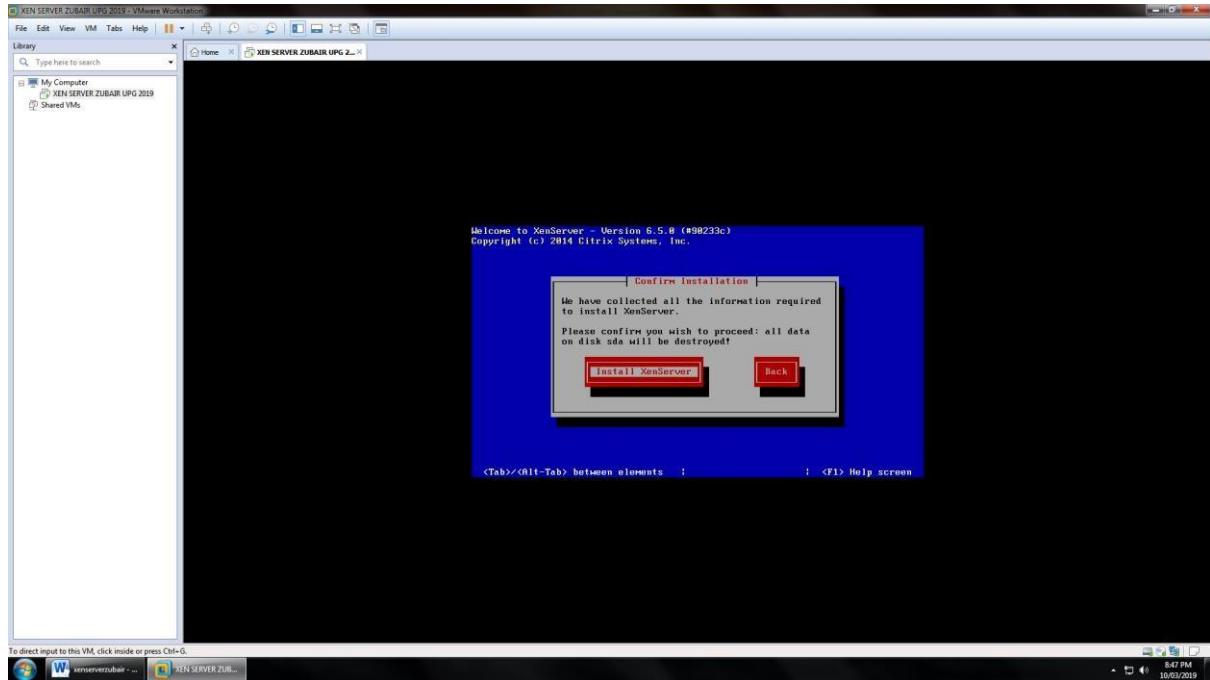
Step 28:

Click on Ok.

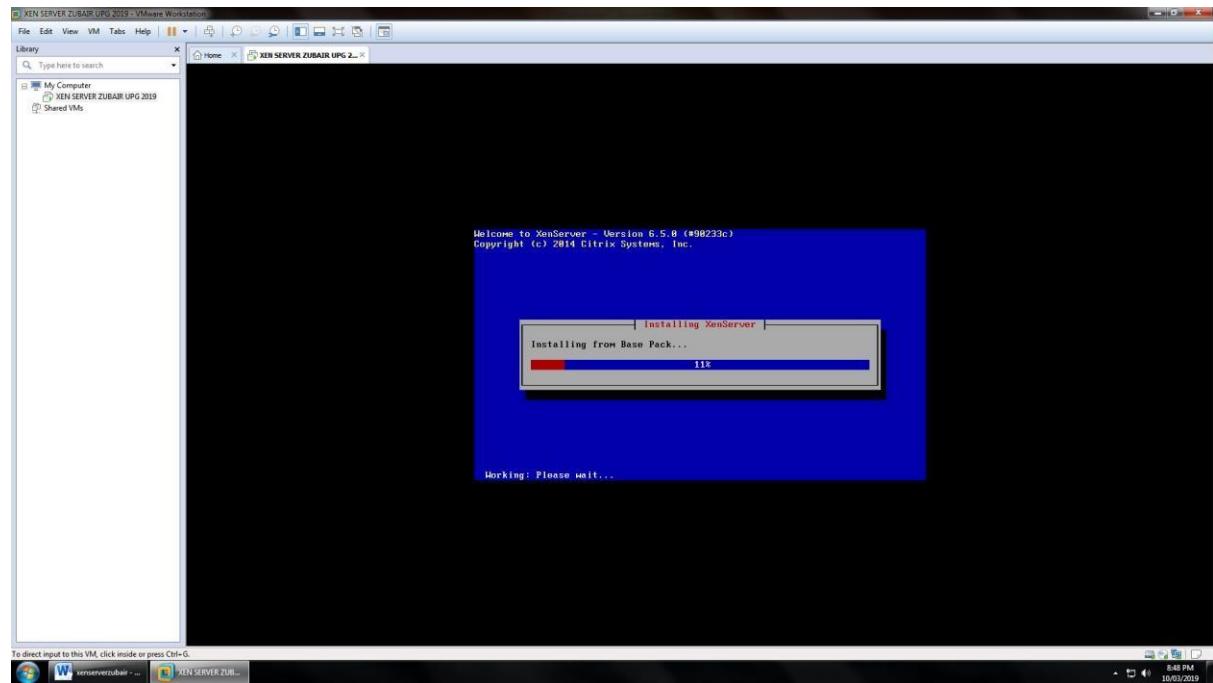


9:

Click on “Install XenServer”.

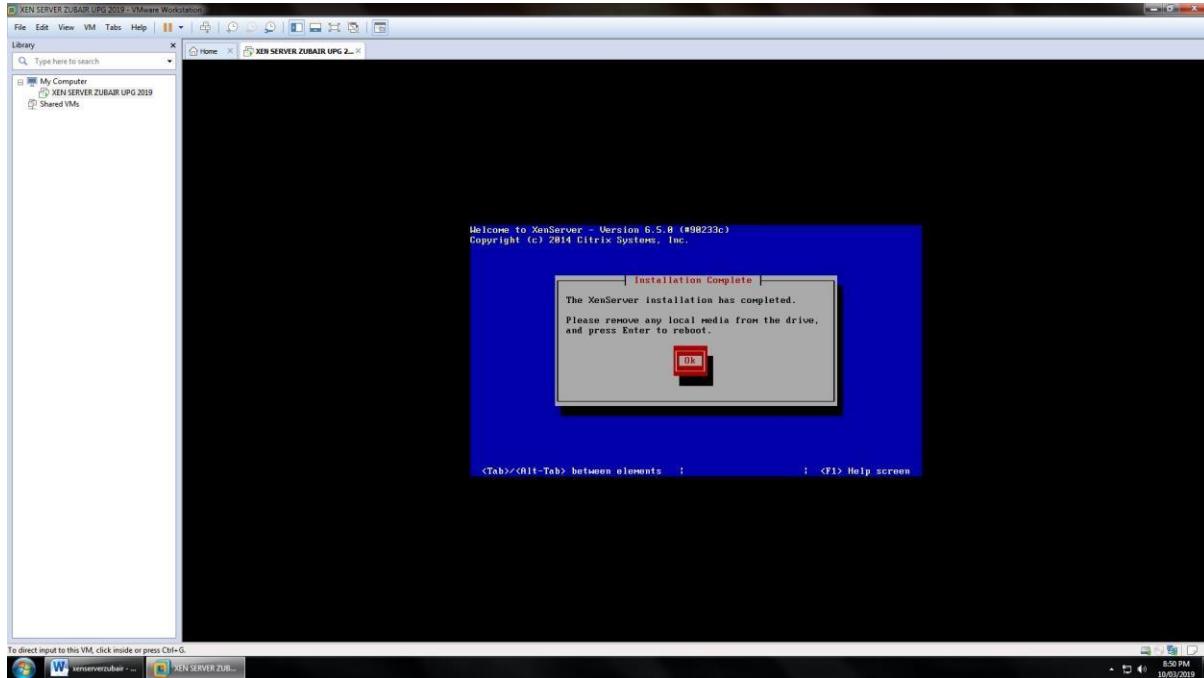


Step 30: Installing XenServer.



1:

Click on Ok to reboot.



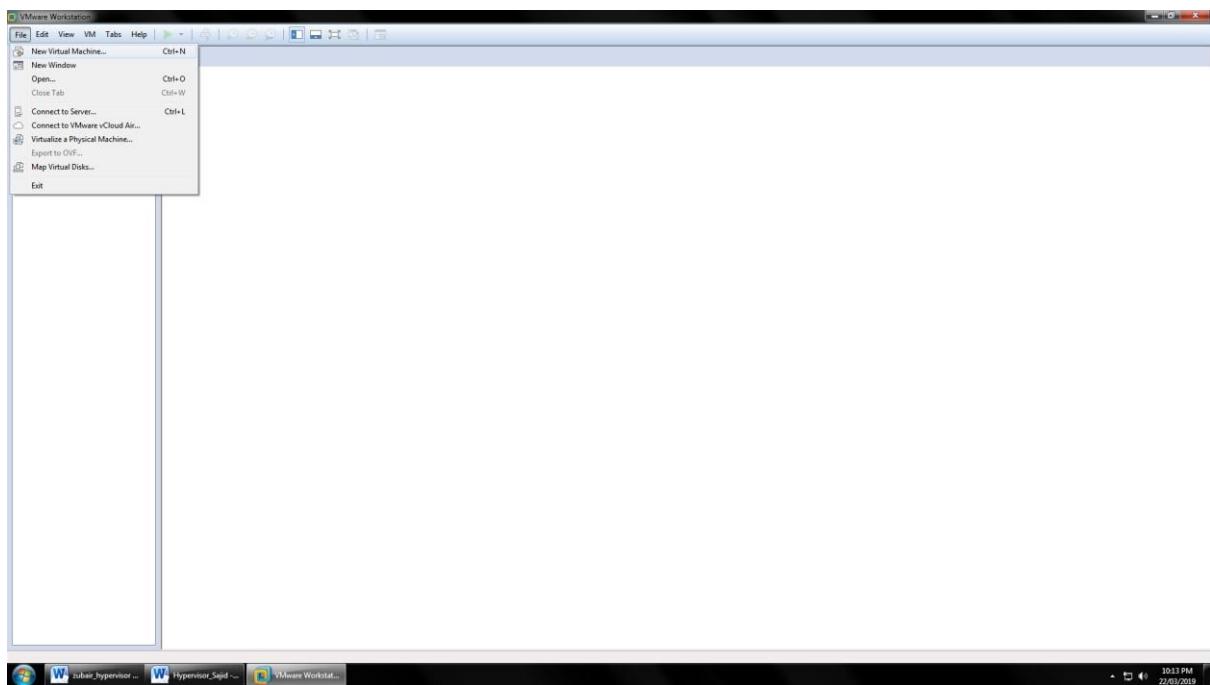
Step 32:

Machine is Rebooted.

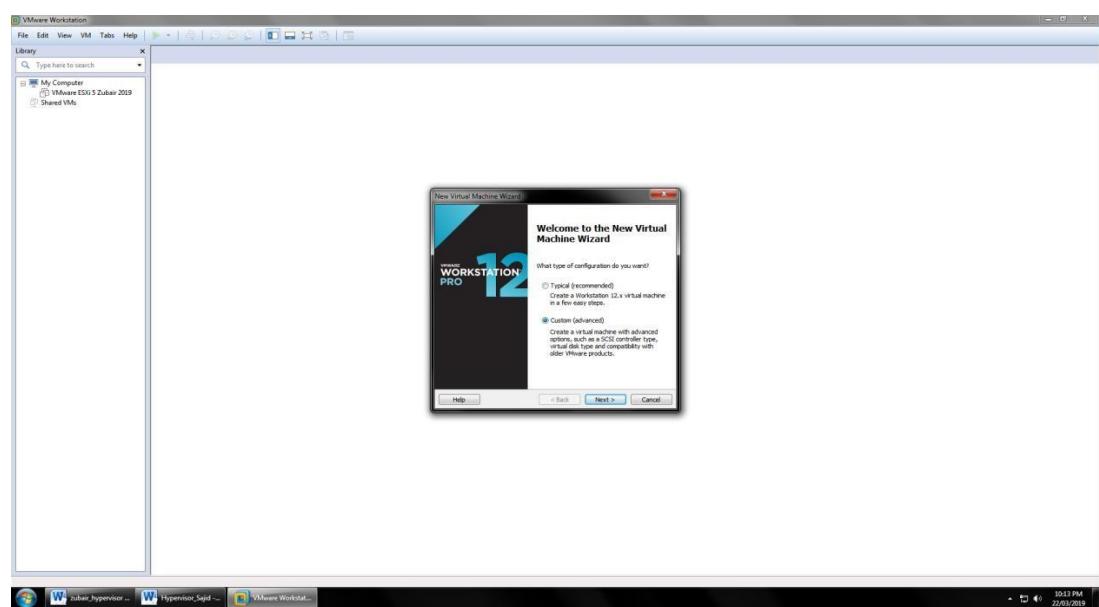
## Aim:- Implement Hypervisor.

Step 1:

Start the Virtual Machine, Select File -> Click on New Virtual Machine.

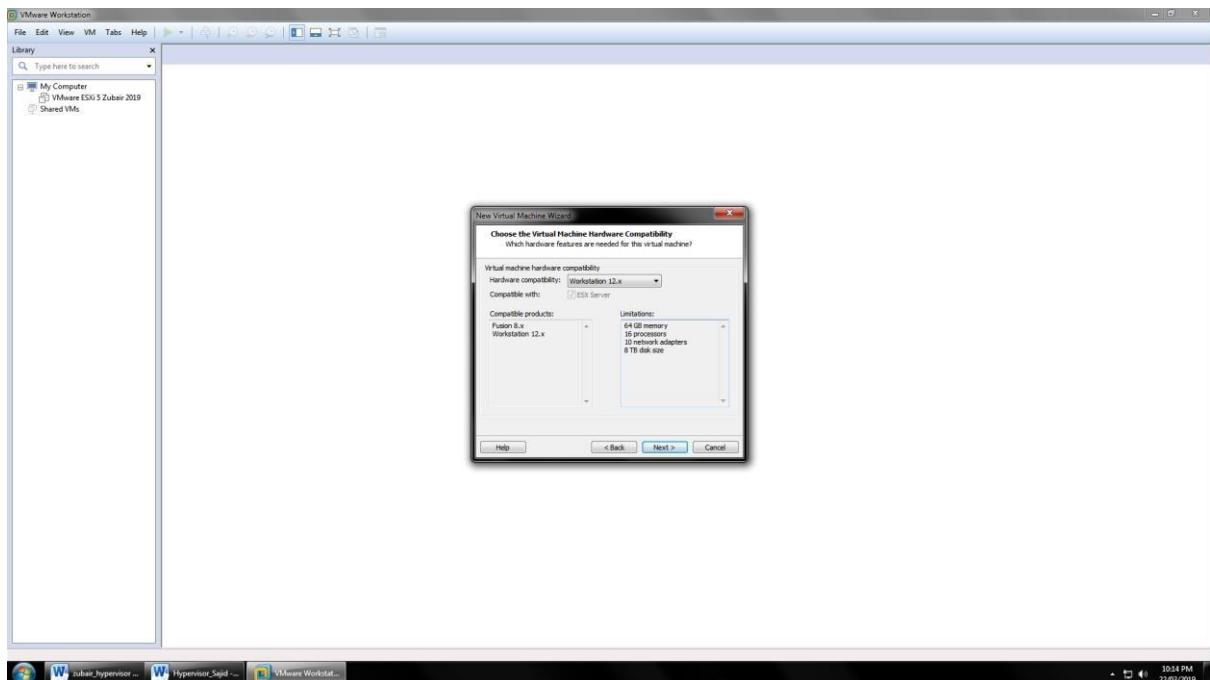


Step 2: In Virtual Machine wizard. Select Custom (advanced) button and then Click on Next.



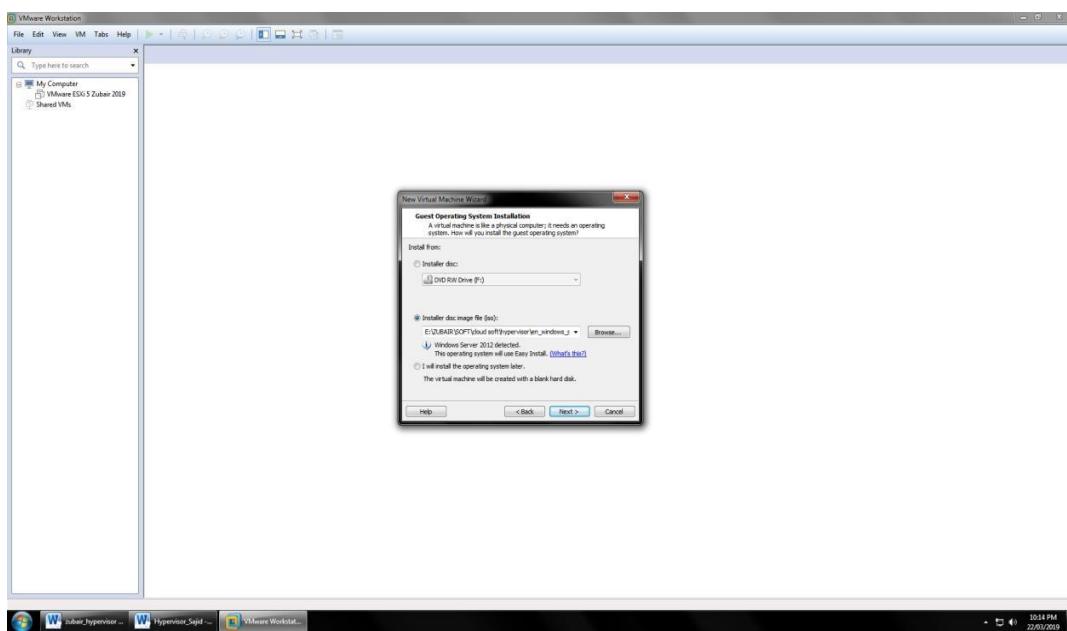
3:

Click on Next.

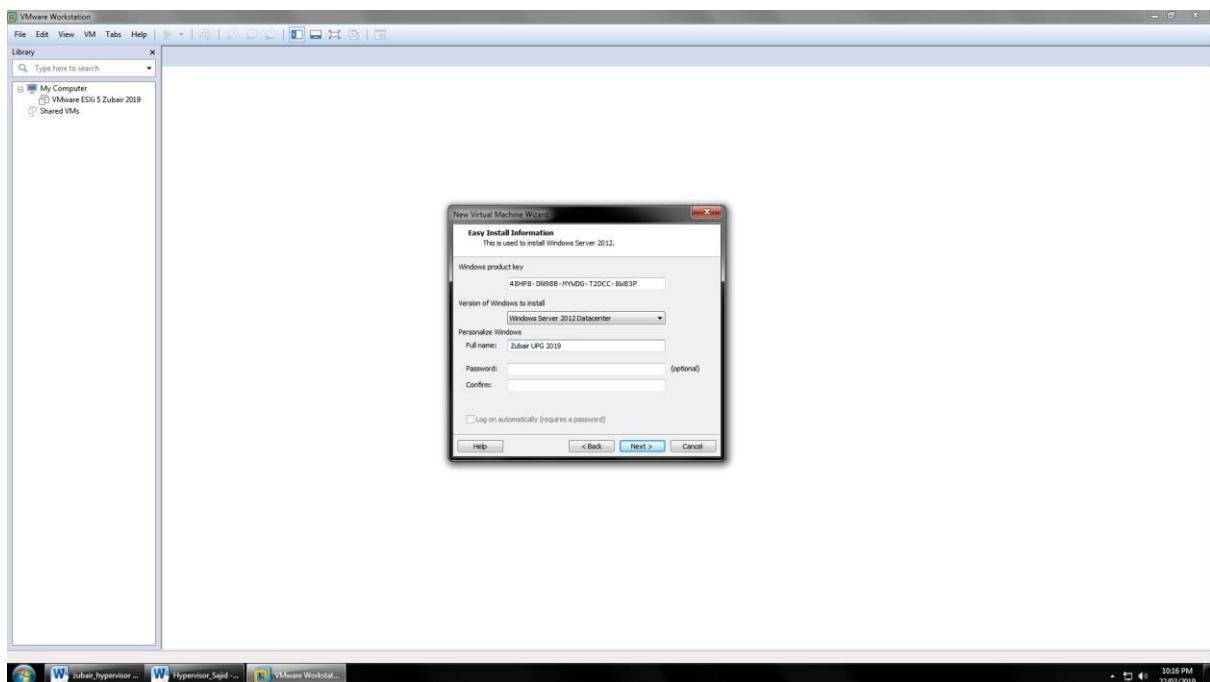


#### Step 4:

Browser the Windows Server (Hypervisor) image file and then Click on Next.

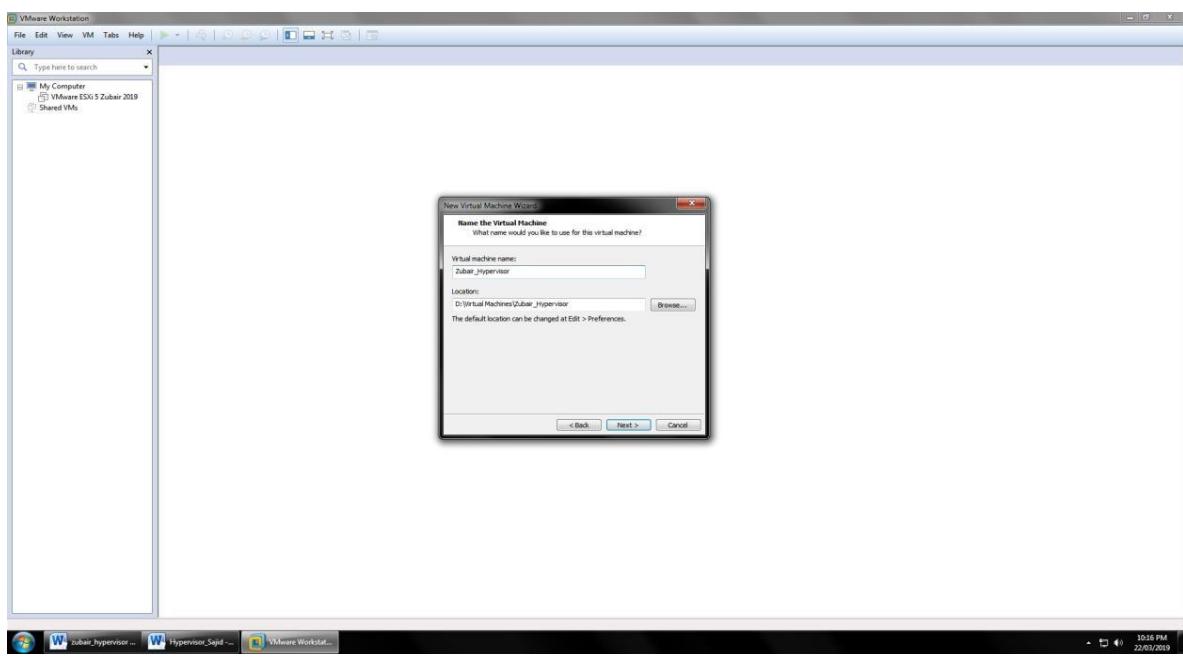


#### 5: Give the Windows product key.



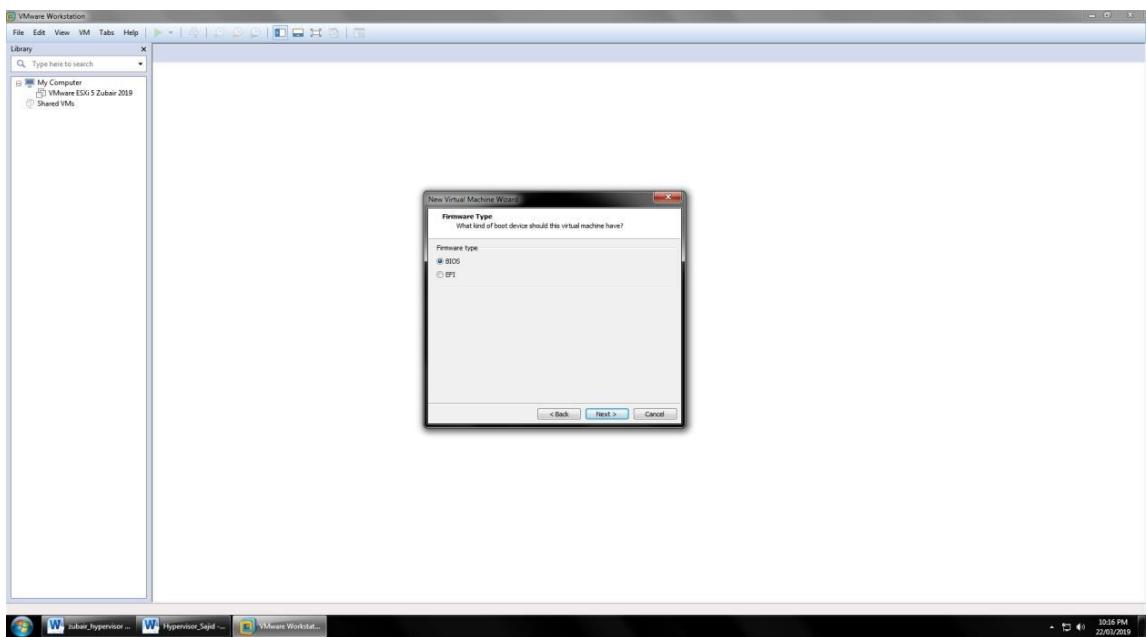
Step 6:

Give the Virtual Machine Name as Zubair\_Hypervisor. Click on Next.

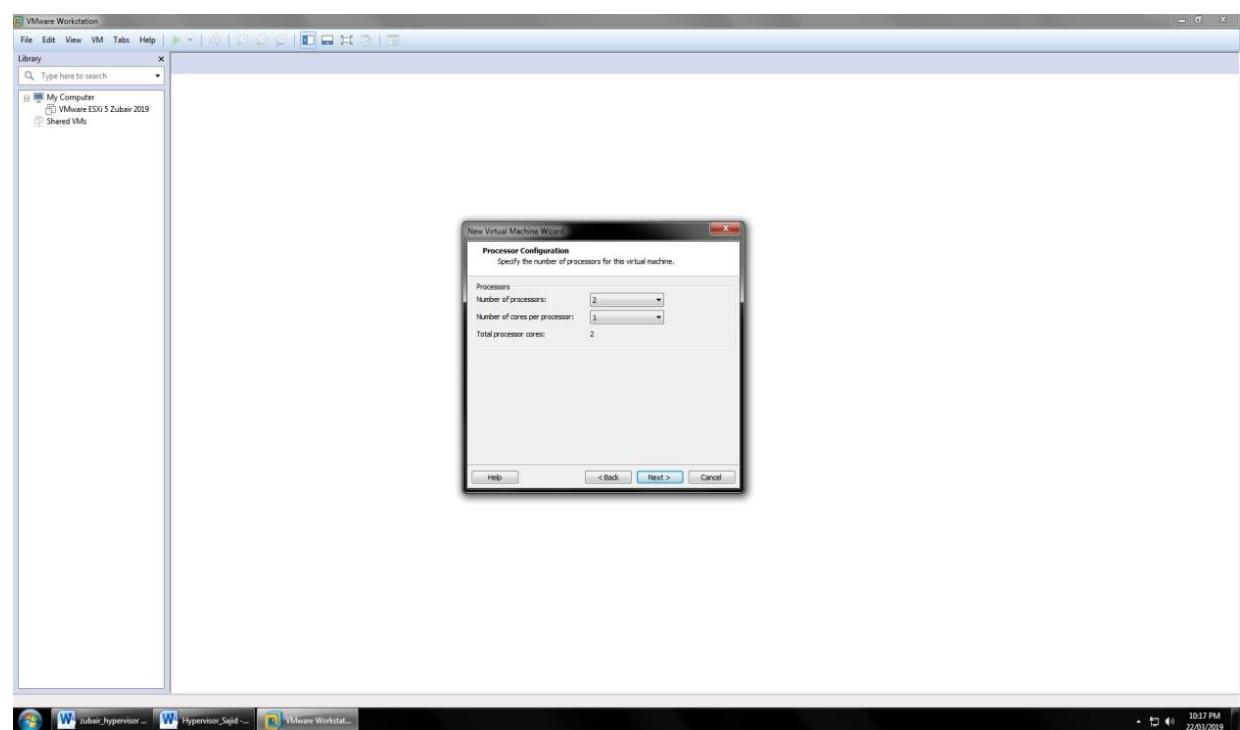


7:

Click on Next.

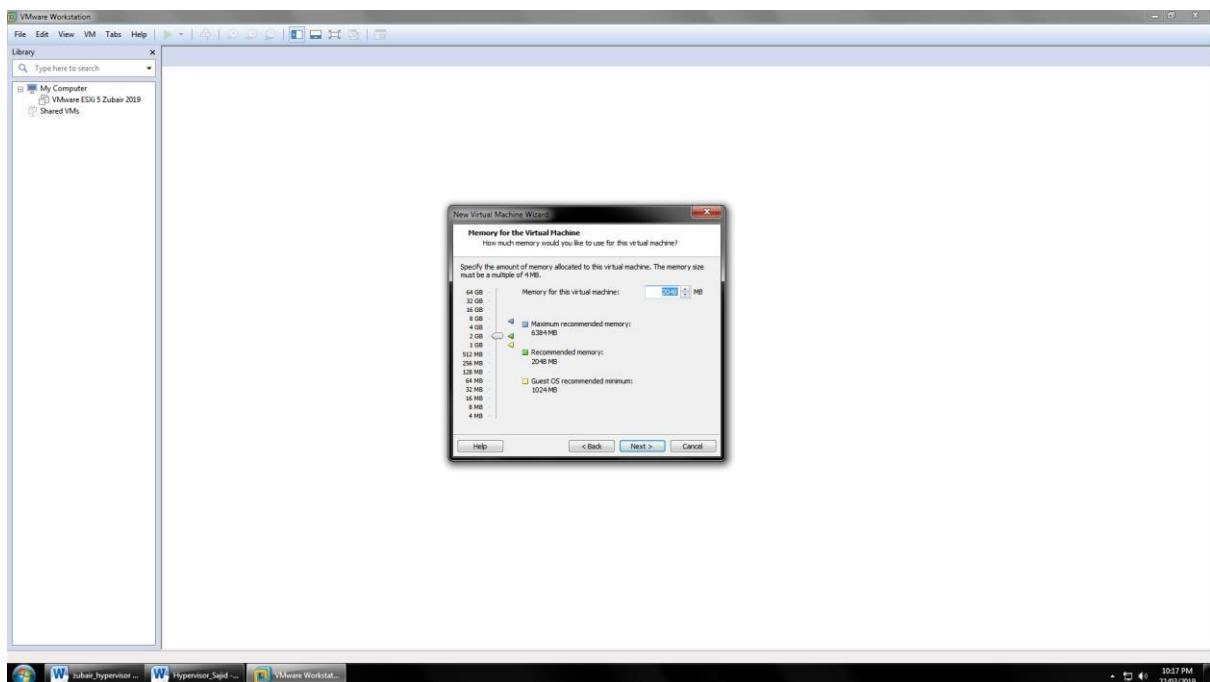


Step 8: Give the total processor as 2. Click on Next.

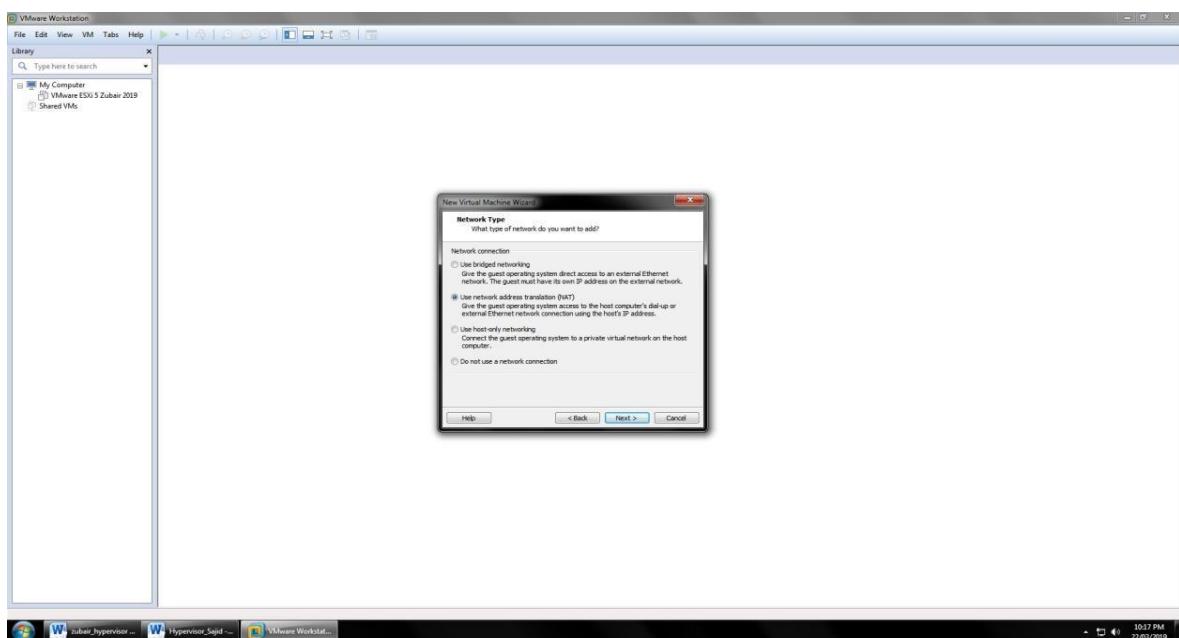


9:

Give the memory allocation as 2 GB. Click on Next.

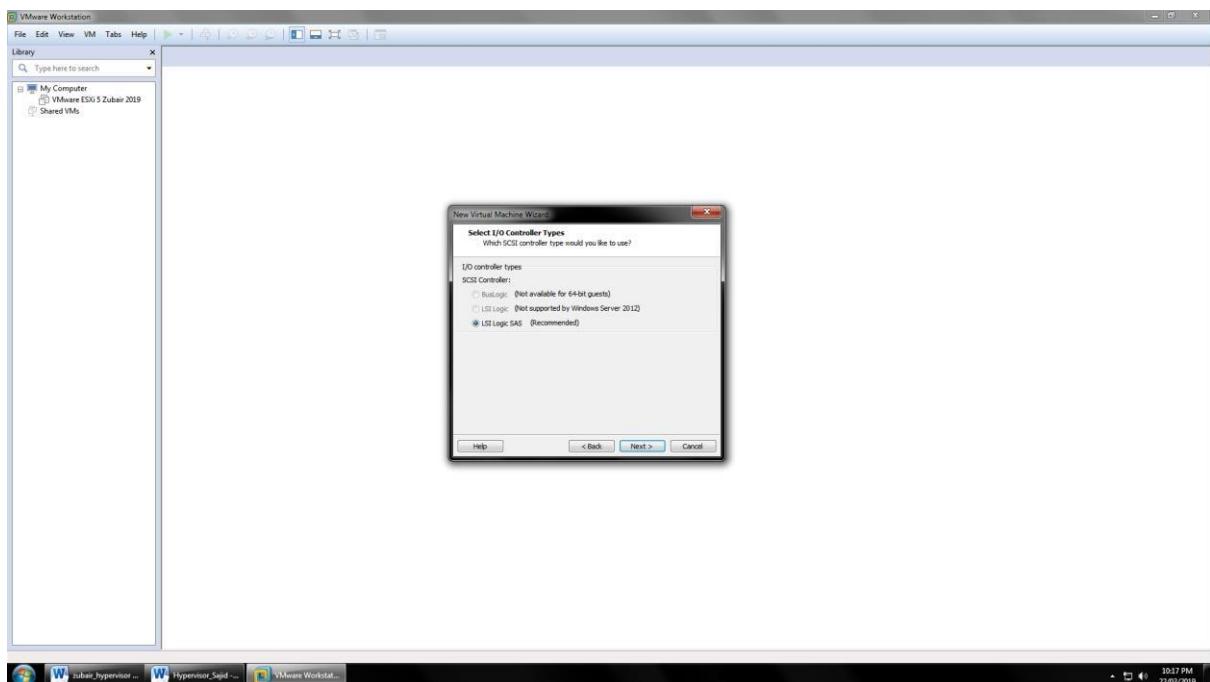


Step 10: Use the NAT. Click on Next.

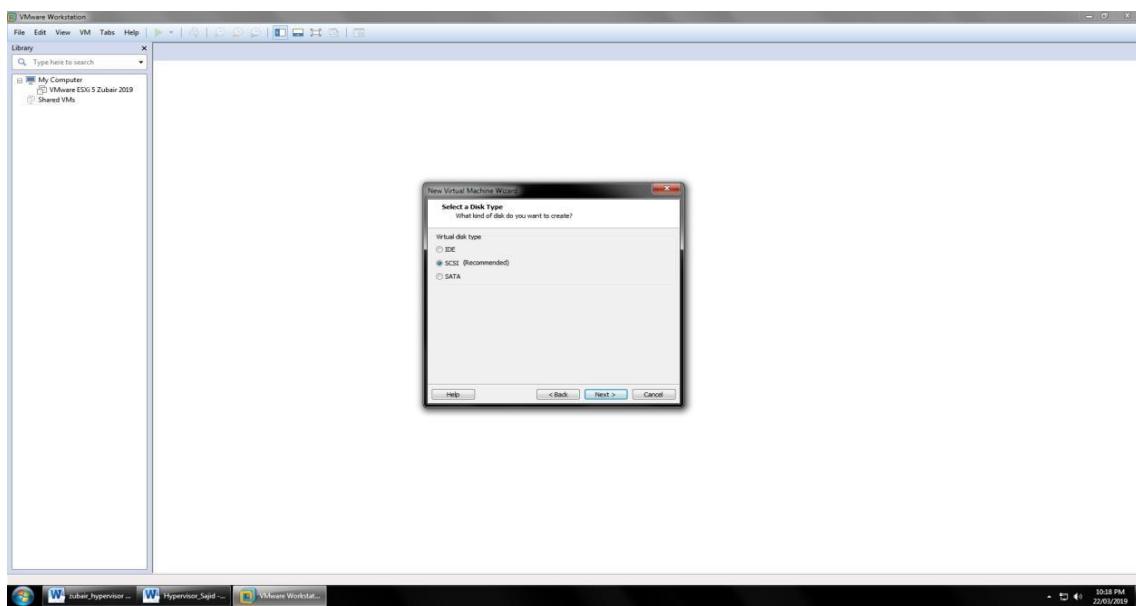


11:

Select the LSI logic and Click on Next.

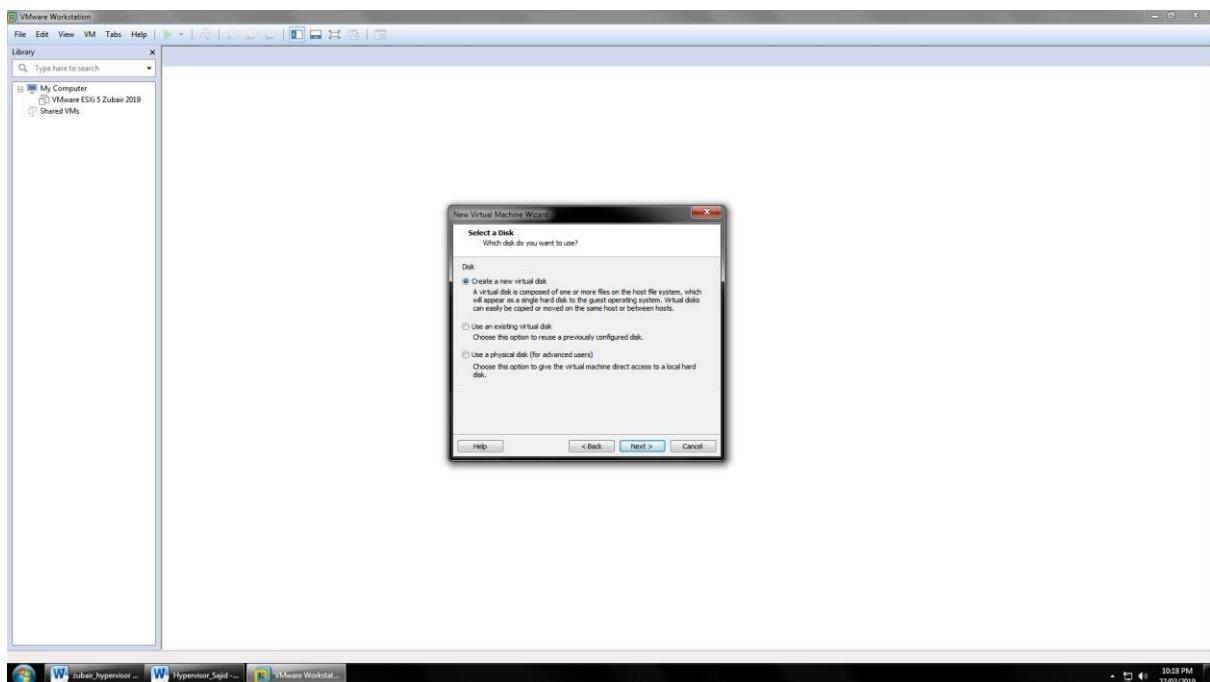


Step 12: Select the SCSI Virtual Disk Type. Click on Next.



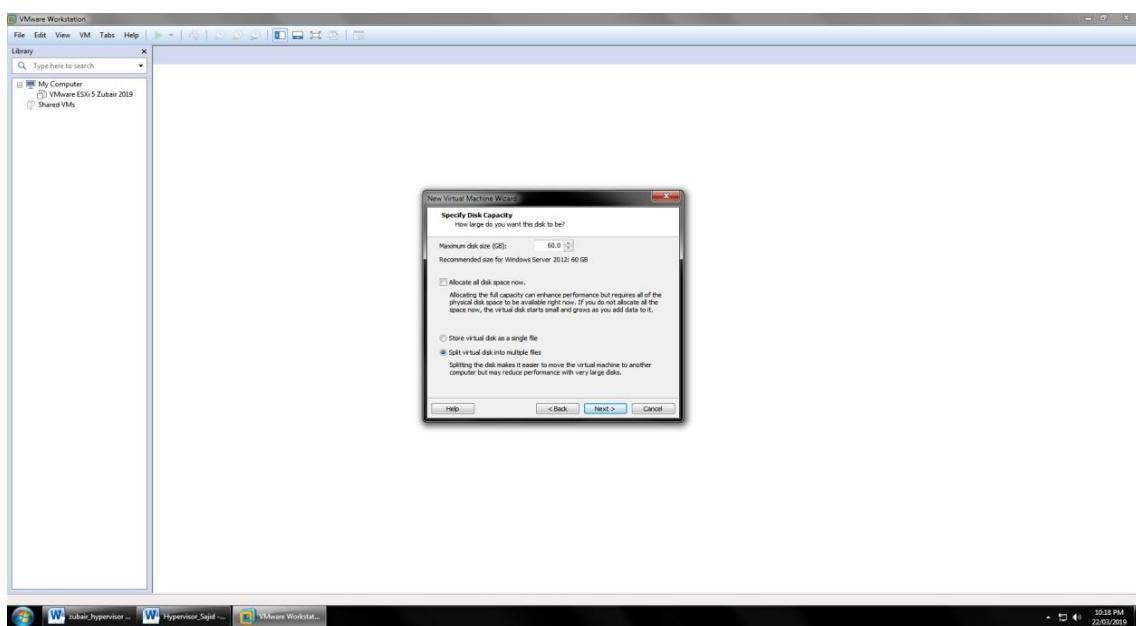
13:

Select, Create a new virtual disk. Click on Next.



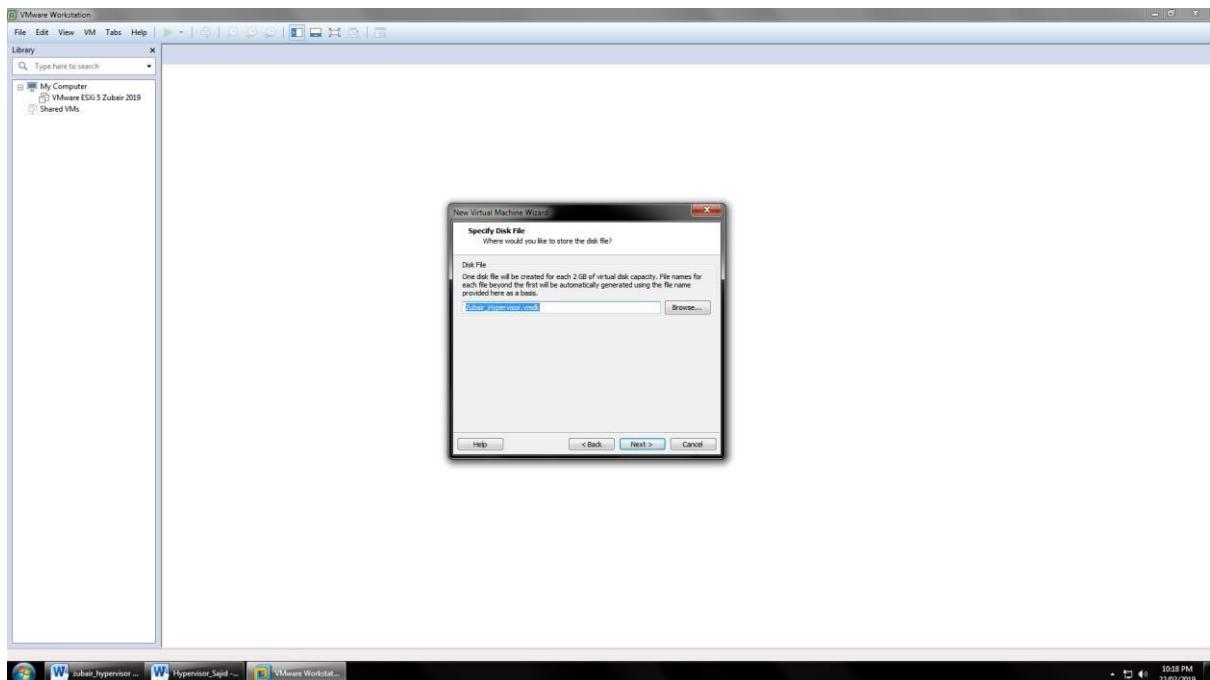
Step 14:

Store Virtual Disk into multiple disks. Click on Next.



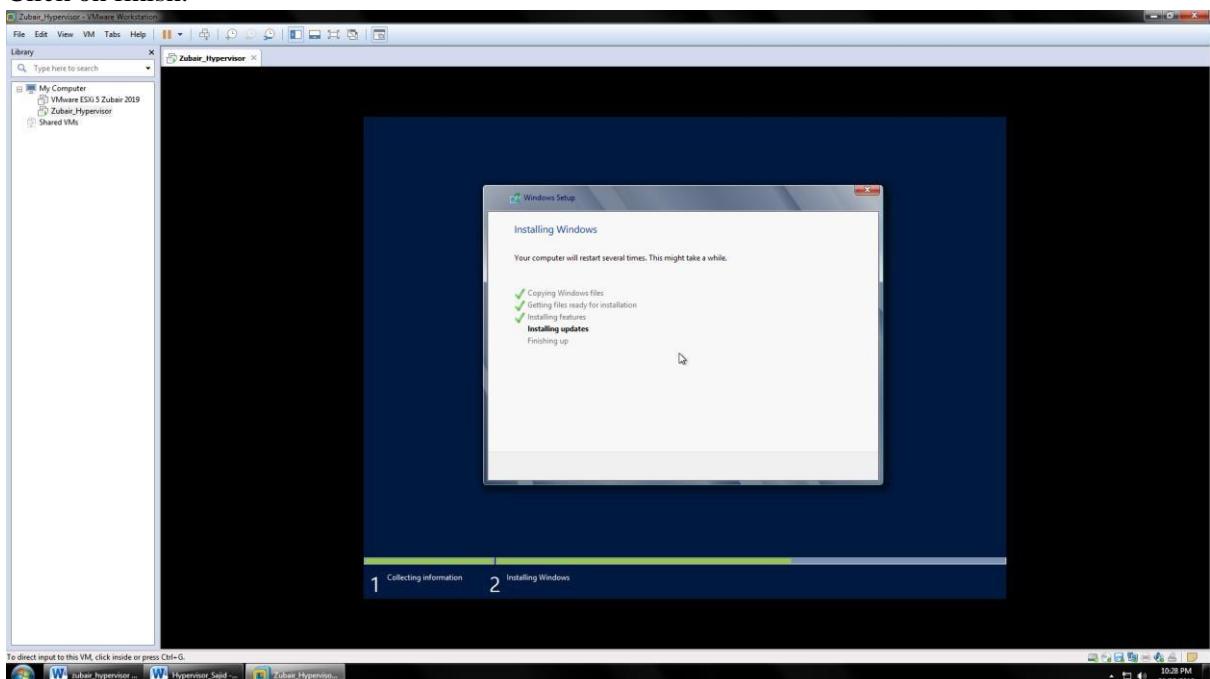
15:

Check the name of the virtual machine and then Click on Next.



Step 16:

Click on finish.



17:

Zubair\_Hypervisor begins to installed.

