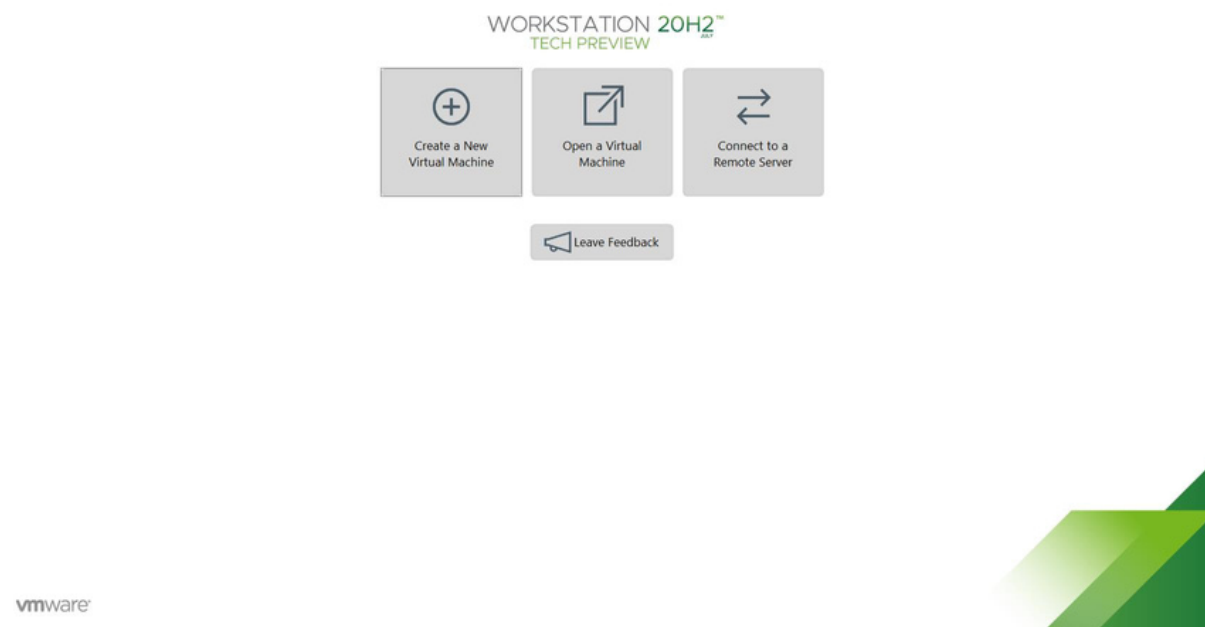


## EXPERIMENT 7

Create a Virtual Hard Disk and allocate the storage using VM ware Workstation

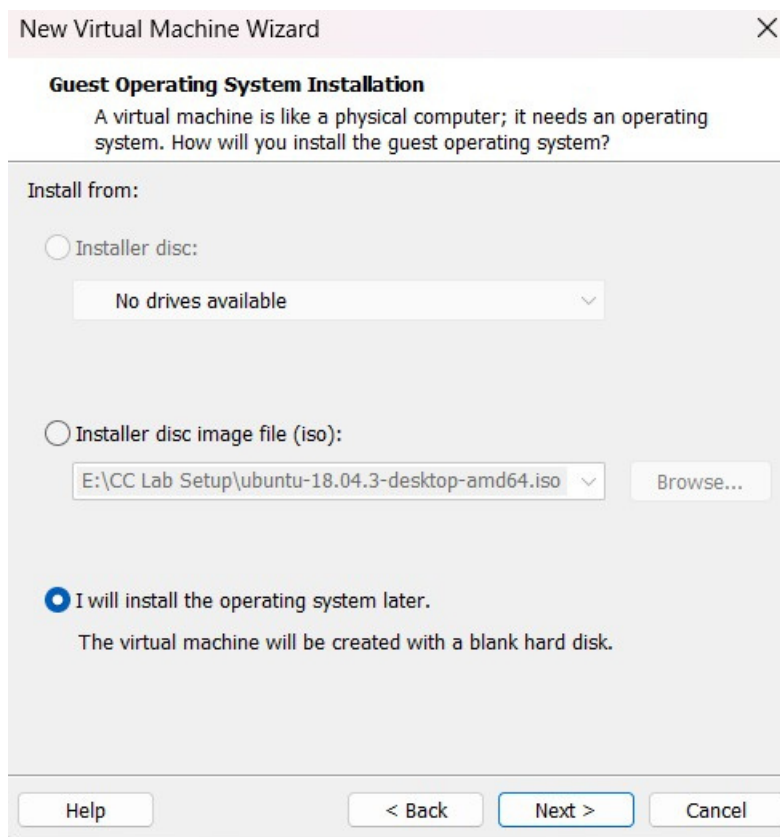
1.click on create



2.click on next



3.click on I will install os later



New Virtual Machine Wizard

**Guest Operating System Installation**

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):

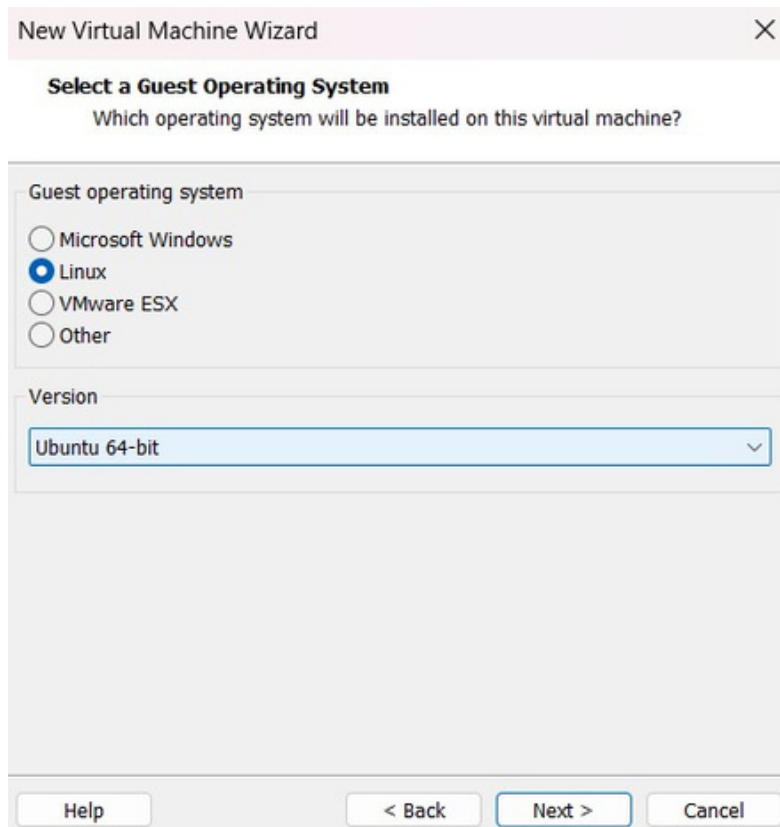
E:\CC Lab Setup\ubuntu-18.04.3-desktop-amd64.iso Browse...

☒ I will install the operating system later.

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

Help < Back Next > Cancel

4.choose any guest os and click on 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

☐ VMware ESX

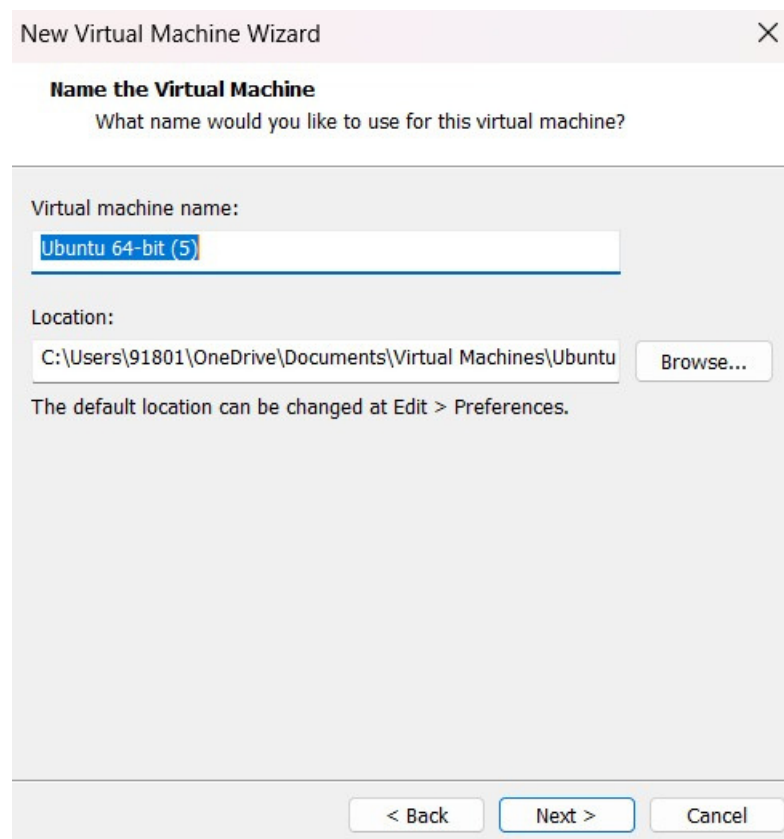
☐ Other

Version

Ubuntu 64-bit

Help < Back Next > Cancel

5.click on next



New Virtual Machine Wizard

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

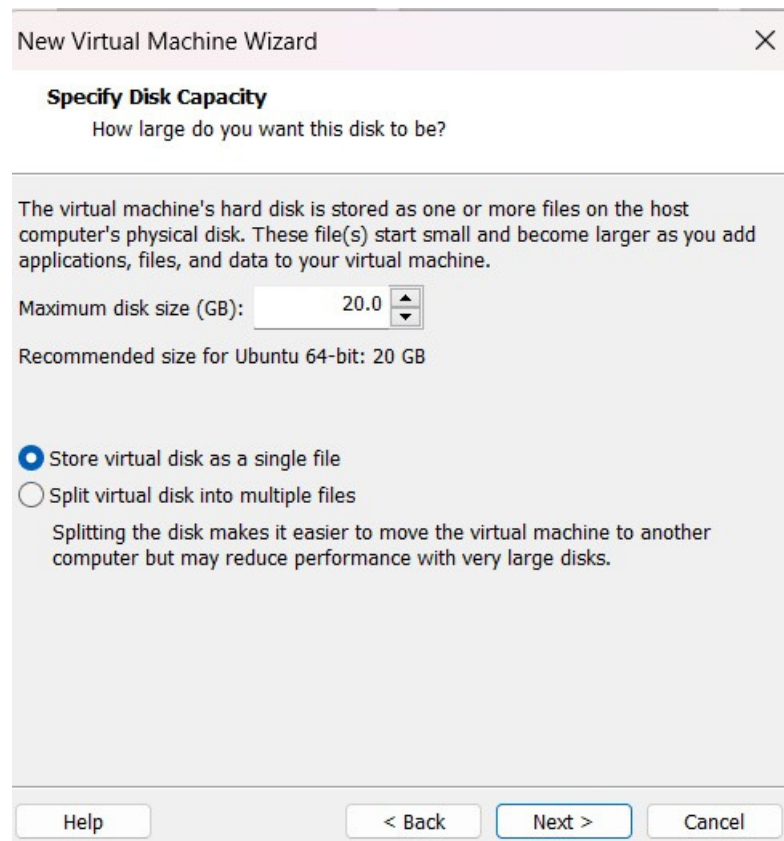
Virtual machine name:

Location:

The default location can be changed at Edit > Preferences.

< Back   Next >   Cancel

6.select on store as single file and click on next



New Virtual Machine Wizard

**Specify Disk Capacity**  
How large do you want this disk to be?

The virtual machine's hard disk is stored as one or more files on the host computer's physical disk. These file(s) start small and become larger as you add applications, files, and data to your virtual machine.

Maximum disk size (GB):

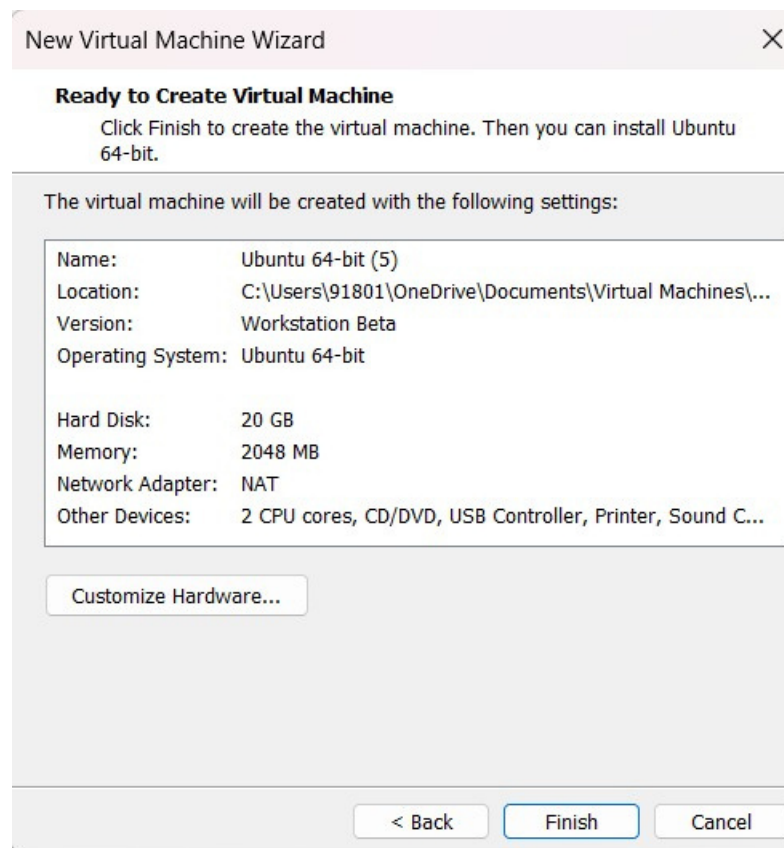
Recommended size for Ubuntu 64-bit: 20 GB

☒ Store virtual disk as a single file  
☐ Split virtual disk into multiple files

Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

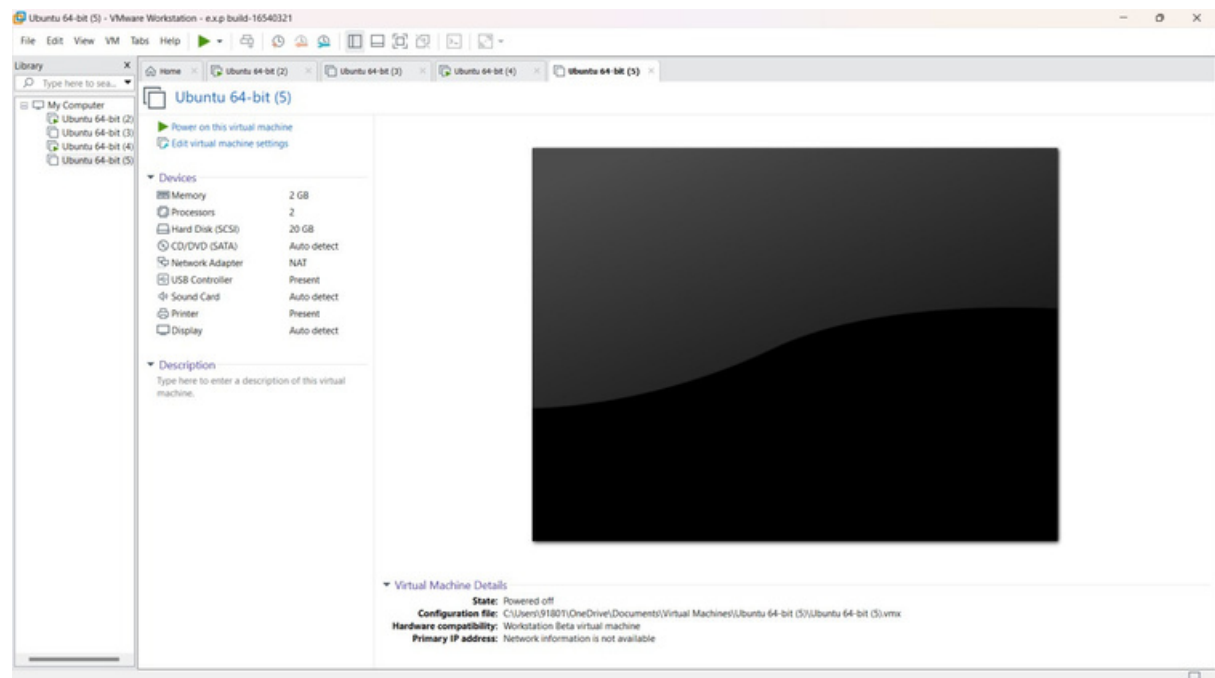
Help   < Back   Next >   Cancel

7. check all details and click on finish

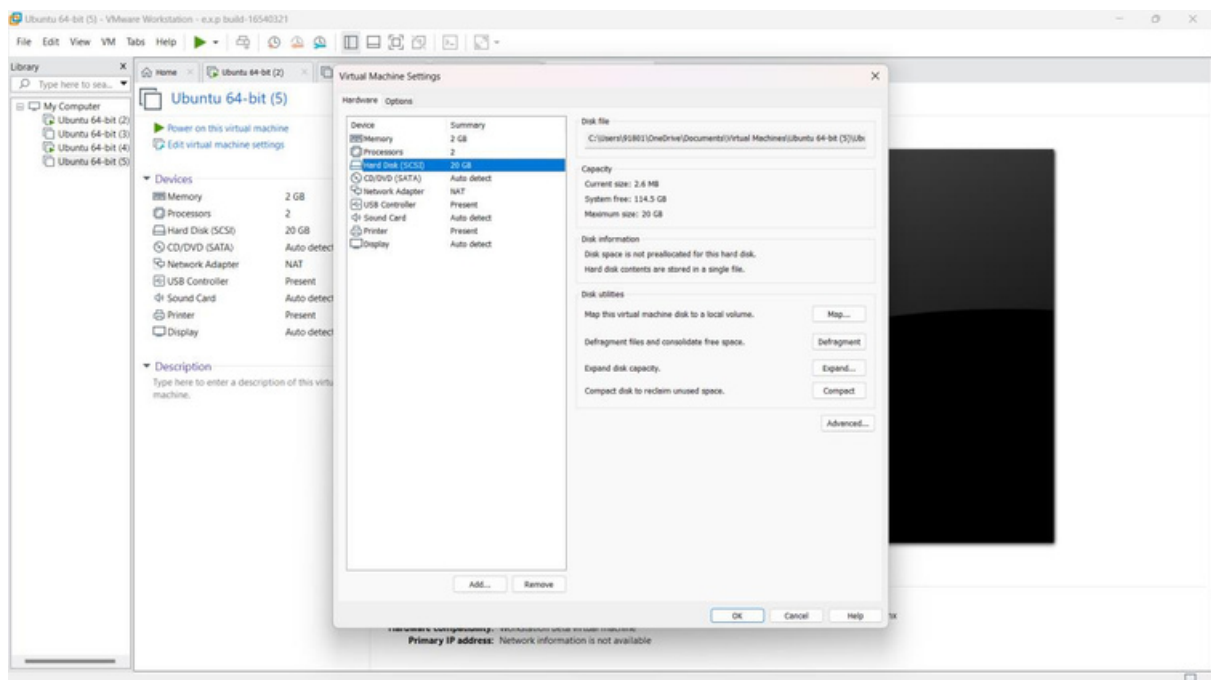


8. finally it obtain like this

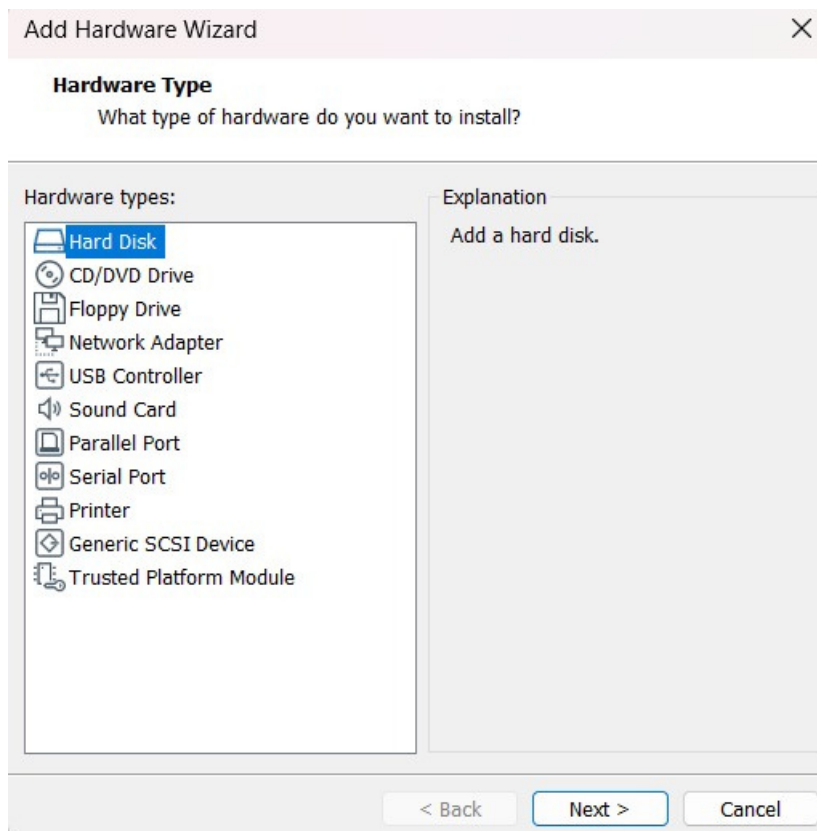
Now we have to allocate the storage using VM ware Workstation



9.double click on hardware and add hardware for storage



Click on next



## Select any disk type

The screenshot shows the 'Add Hardware Wizard' dialog box with the title bar 'Add Hardware Wizard' and a close button. The main heading is 'Select a Disk' with the subtitle 'Which disk do you want to use?'. Below this, there is a section titled 'Disk' containing three radio button options: 'Create a new virtual disk' (selected), 'Use an existing virtual disk', and 'Use a physical disk (for advanced users)'. Each option has a descriptive paragraph. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

**Add Hardware Wizard** ✕

**Select a Disk**  
Which disk do you want to use?

**Disk**

- ☒ **Create a new virtual disk**  
A virtual disk is composed of one or more files on the host file system, which will appear as a single hard disk to the guest operating system. Virtual disks can easily be copied or moved on the same host or between hosts.
- ☐ **Use an existing virtual disk**  
Choose this option to reuse a previously configured disk.
- ☐ **Use a physical disk (for advanced users)**  
Choose this option to give the virtual machine direct access to a local hard disk. Requires administrator privileges.

< Back   Next >   Cancel

## Enter storage you want to add

The screenshot shows the 'Add Hardware Wizard' dialog box with the title bar 'Add Hardware Wizard' and a close button. The main heading is 'Specify Disk Capacity' with the subtitle 'How large do you want this disk to be?'. Below this, there is a text input field for 'Maximum disk size (GB)' with the value '20.0' and a spin button. Below the input field, it says 'Recommended size for Ubuntu 64-bit: 20 GB'. There are three radio button options: 'Allocate all disk space now.', 'Store virtual disk as a single file', and 'Split virtual disk into multiple files' (selected). Each option has a descriptive paragraph. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

**Add Hardware Wizard** ✕

**Specify Disk Capacity**  
How large do you want this disk to be?

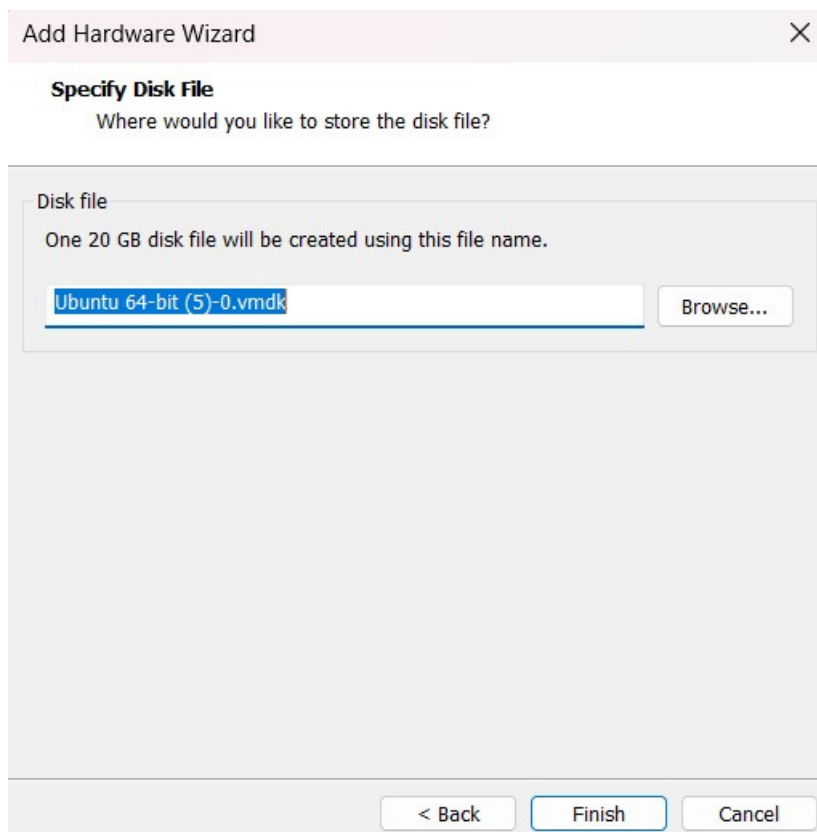
Maximum disk size (GB):

Recommended size for Ubuntu 64-bit: 20 GB

- ☐ **Allocate all disk space now.**  
Allocating the full capacity can enhance performance but requires all of the physical disk space to be available right now. If you do not allocate all the space now, the virtual disk starts small and grows as you add data to it.
- ☐ **Store virtual disk as a single file**
- ☒ **Split virtual disk into multiple files**  
Splitting the disk makes it easier to move the virtual machine to another computer but may reduce performance with very large disks.

< Back   Next >   Cancel

Click on finish



And finally allocated the storage using VM ware Workstation

