Experiment No. 1.1

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Branch: MCA – CCD   **Section/Group:** 22MCD-1 / Grp B

Semester: I   **Date of Performance:** 7th Oct 22

Subject Name: Linux Administration Lab   **Subject Code:** 22CAP-648

1. Aim/Overview of the practical:

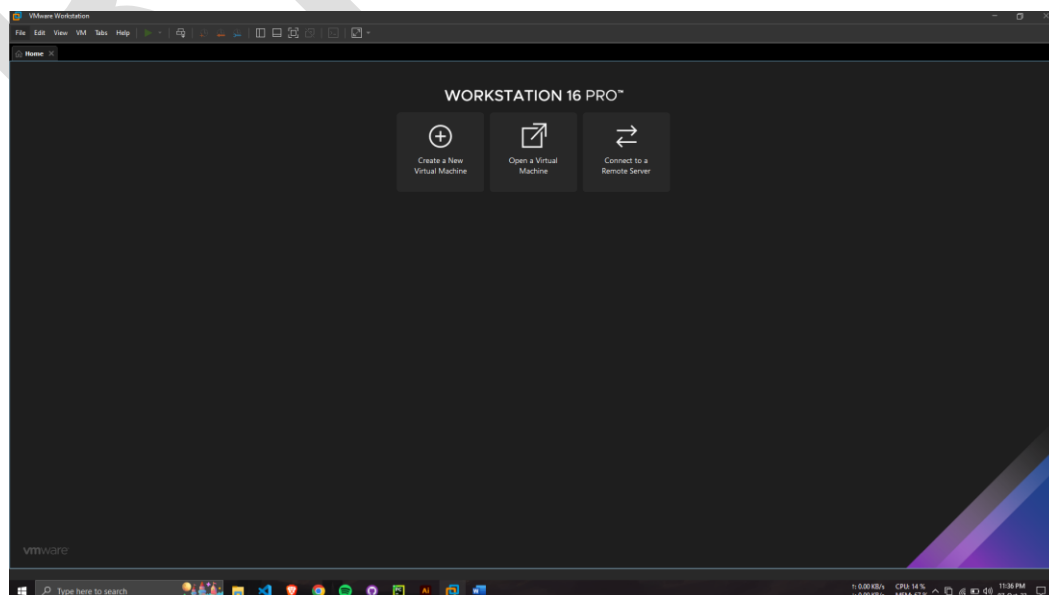Perform installation of CentOS Linux. Explain the detailed steps along with screenshots.

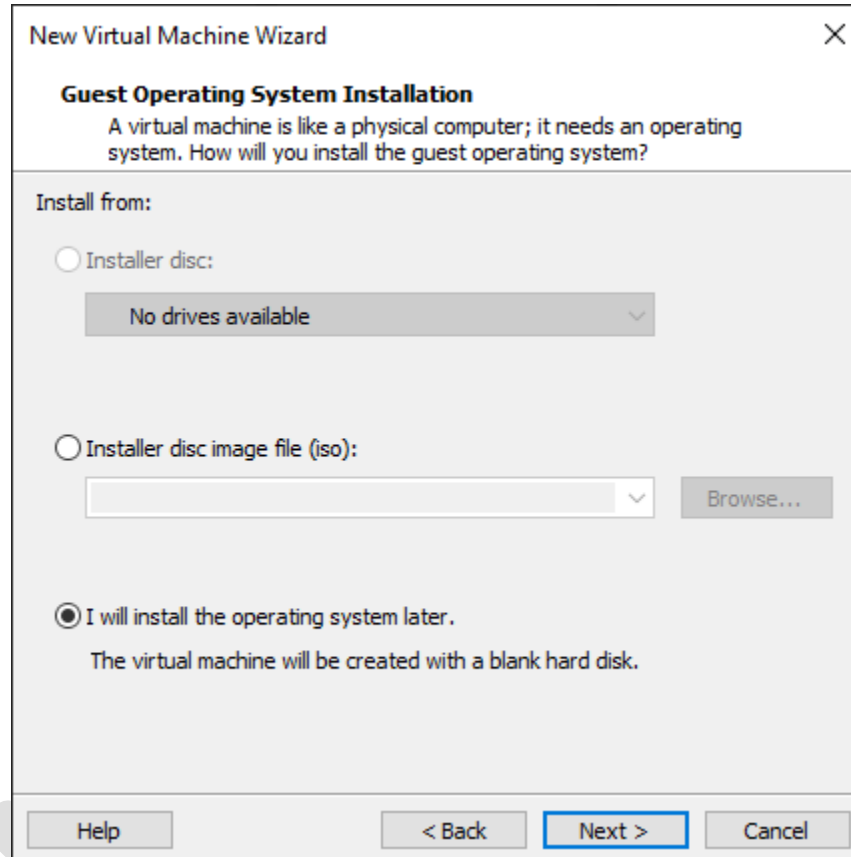## 2. Task to be done:

3. Algorithm/Flowchart:

Basic Theoretical knowledge of Linux

4. Code for experiment/practical:

- Open VMWare in your windows.
- Click on create virtual machine.

- Select Typical (Recommended).
- Now select the ISO file of CentOS in your computer.

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?
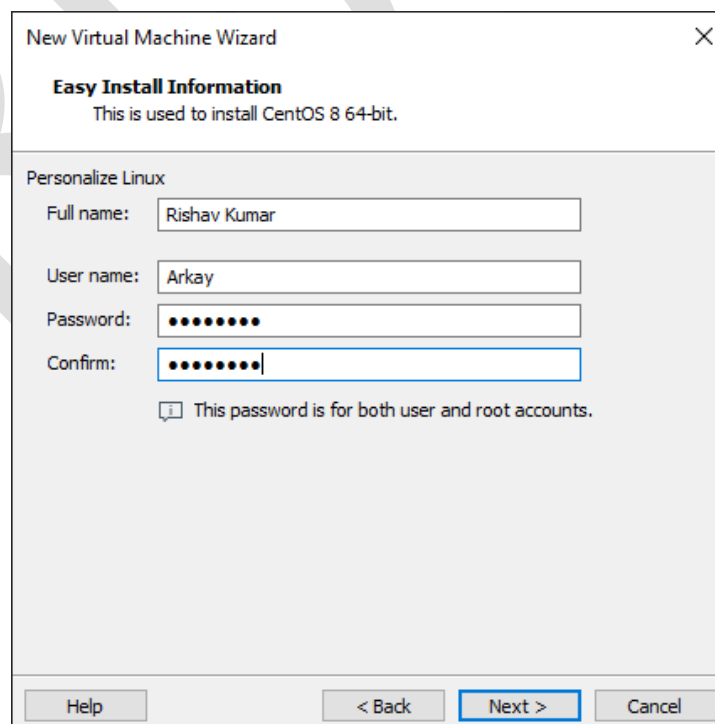
Install from:

○ Installer disc:

No drives available

○ Installer disc image file (iso):

Browse...

◉ I will install the operating system later.

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

Help   < Back   Next >   Cancel

- Now enter Full name, Username and Password for your account.

New Virtual Machine Wizard ✕

Easy Install Information
This is used to install CentOS 8 64-bit.

Personalize Linux
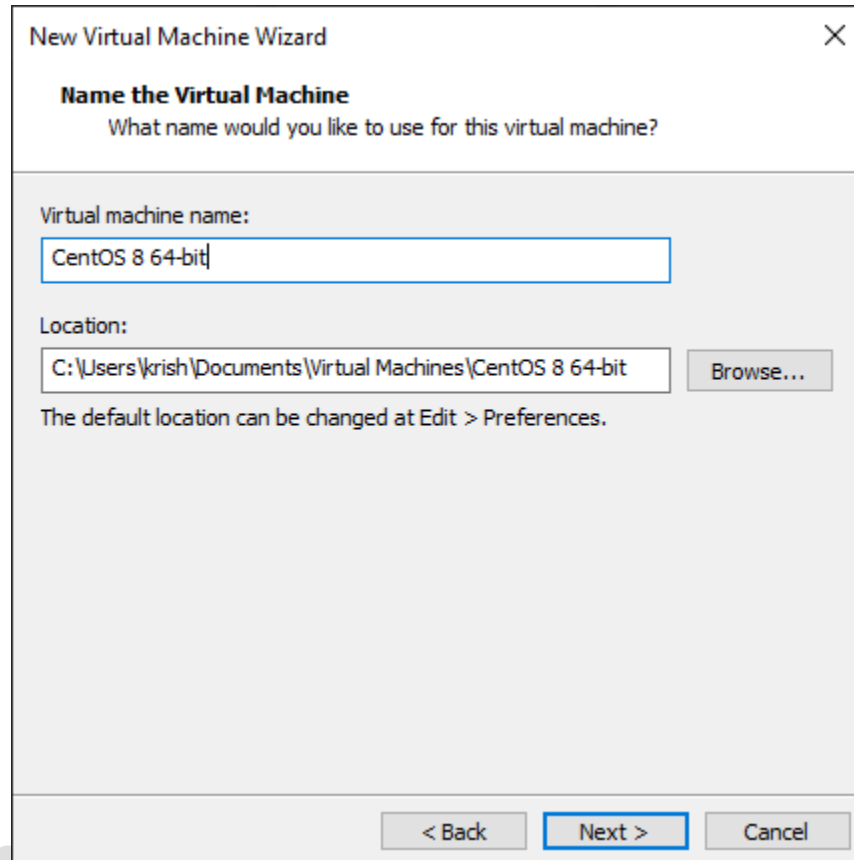
Full name: Rishav Kumar

User name: Arkay

Password: ••••••••

Confirm: ••••••••

ⓘ This password is for both user and root accounts.

Help   < Back   Next >   Cancel

- Now name your Virtual machine and click on Next.

New Virtual Machine Wizard   ✕

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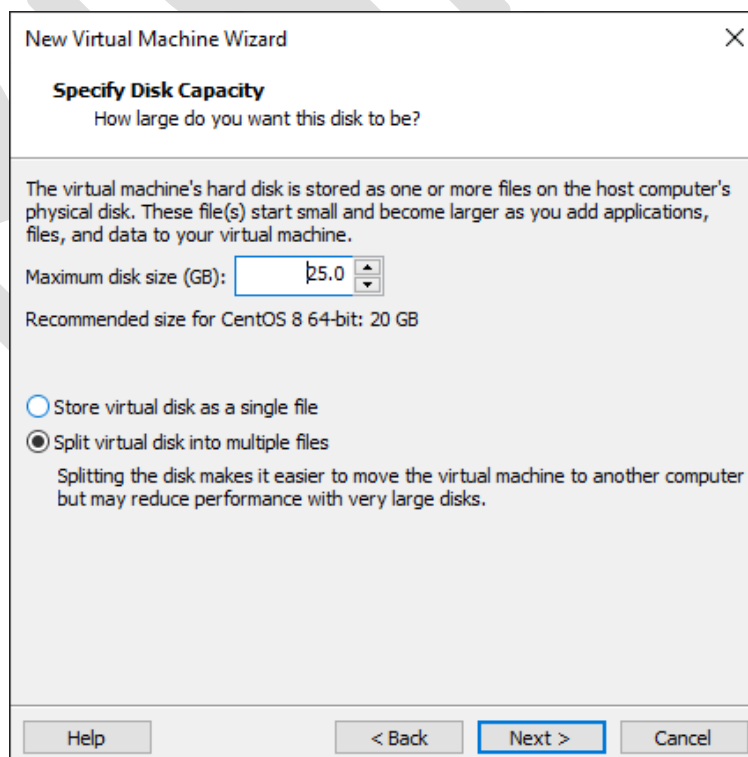What name would you like to use for this virtual machine?

Virtual machine name:

CentOS 8 64-bit

Location:

C:\Users\krish\Documents\Virtual Machines\CentOS 8 64-bit   Browse...

The default location can be changed at Edit > Preferences.

< Back   Next >   Cancel

- Enter the virtual space you want to give to CentOS Linux (min 11GB).

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.
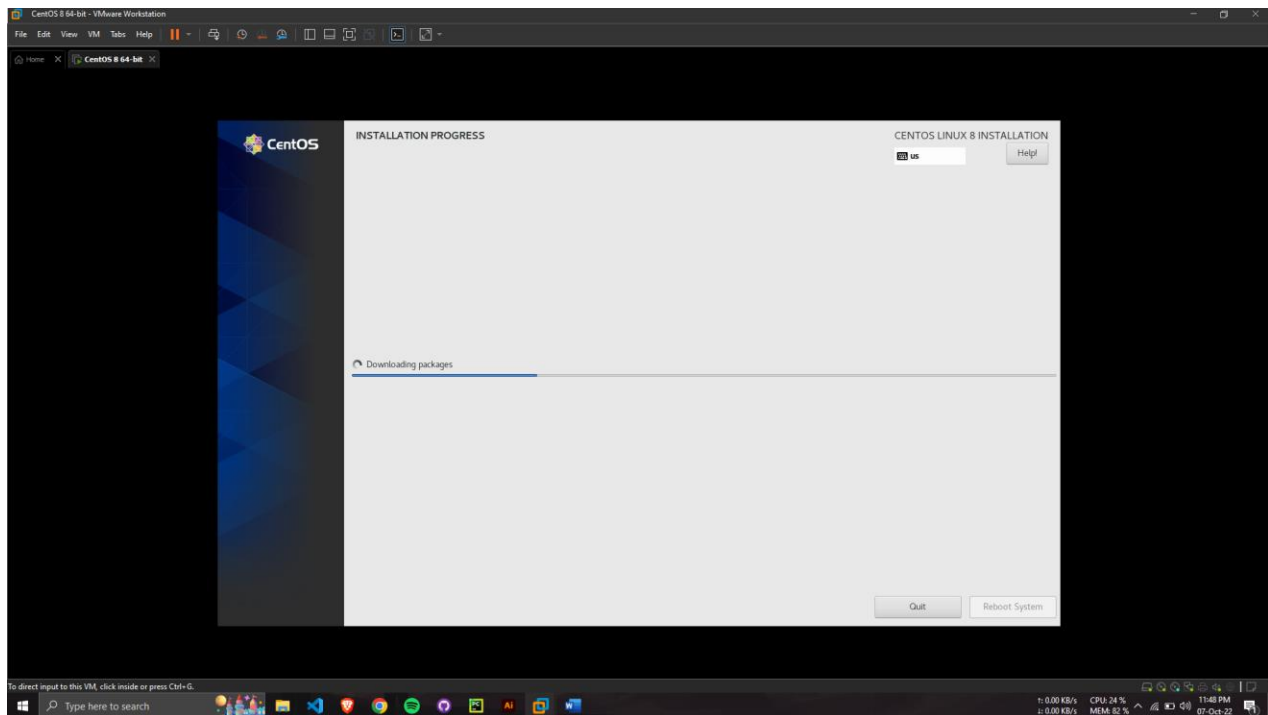
Maximum disk size (GB):   25.0

Recommended size for CentOS 8 64-bit: 20 GB

○ Store virtual disk as a single file
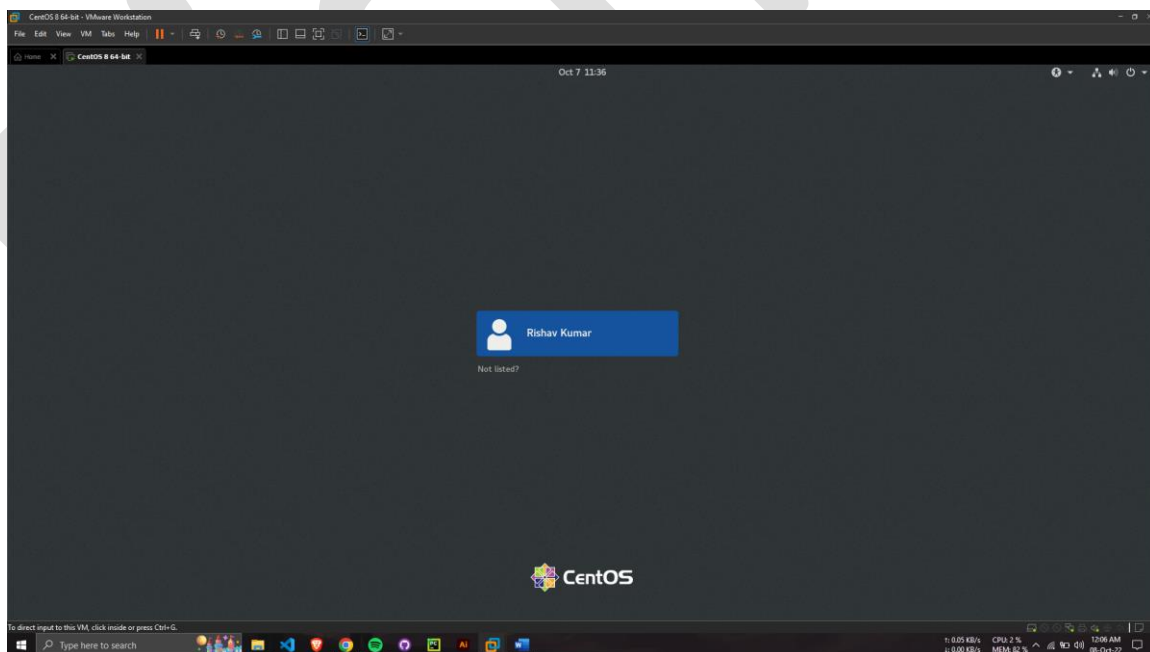◉ Split virtual disk into multiple files

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

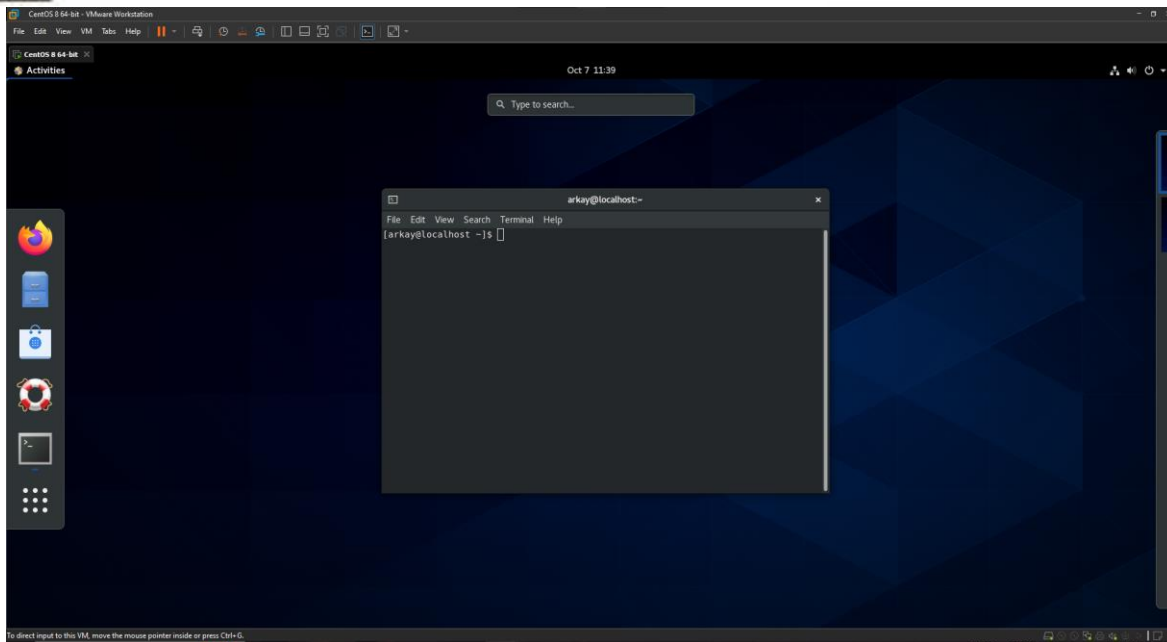Help   < Back   Next >   Cancel

- After clicking on Next, It will start installing on your Virtual machine.

- After installation, Select your Language, Location services and start CentOS via entering Username and Password.

- Your CentOS will be started.

Learning outcomes (What I have learned):

1. Learned to install Linux in virtual machine.