

# CSA1523- CLOUD COMPUTING AND BIG DATA ANALYTICS FOR HEALTHCARE INDUSTRIES

GIRIJA B

192311044

**EXP 7: Demonstrate virtualization by Installing Type-2 Hypervisor in your device, create and configure VM image with a Host Operating system (Either Windows/Linux).**

## AIM:

To demonstrate virtualization by installing type-2 hypervisor in your device, create and configure VM image with a host operating system (either windows/linux).

## PROCEDURE:

STEP 1: Download VMware Workstation, Complete the installation and launch VMware Workstation.

STEP 2: Open VMware Workstation and Click Create a New Virtual Machine.

STEP 3: Select "Installer disc image file (ISO)", then browse and select your downloaded OS ISO file, Click Next.

STEP 4: Name the Virtual Machine, Set the Disk Size, Allocate at least 40GB for Windows or 20GB for Linux and Choose "Split virtual disk into multiple files".

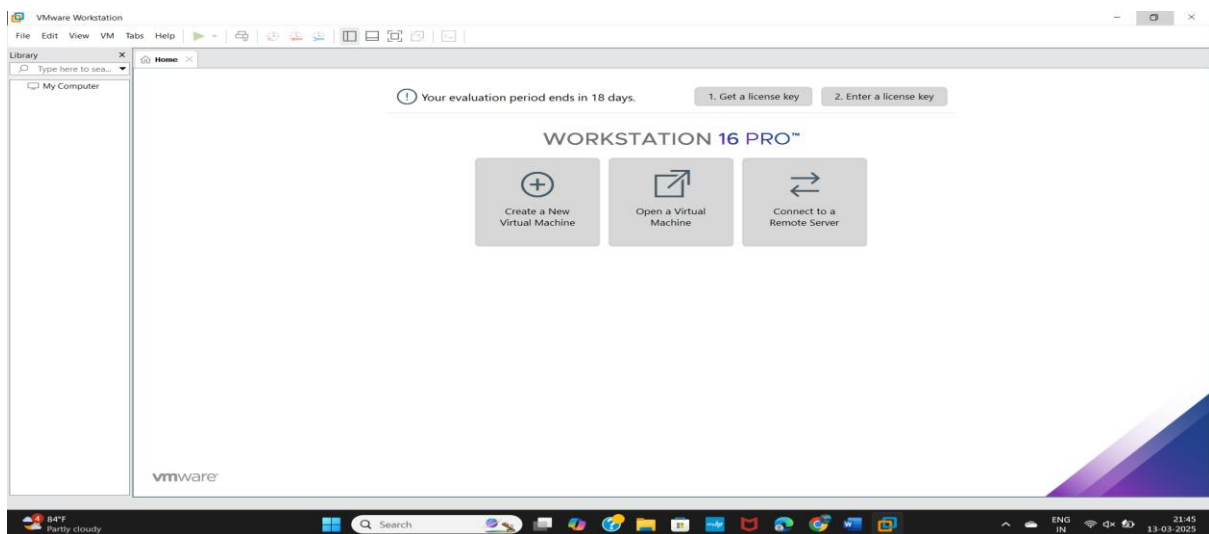
STEP 5: Allocate Memory (RAM) :Minimum: 2GB for Linux, 4GB for Windows, and Choose at least 2 processor cores.

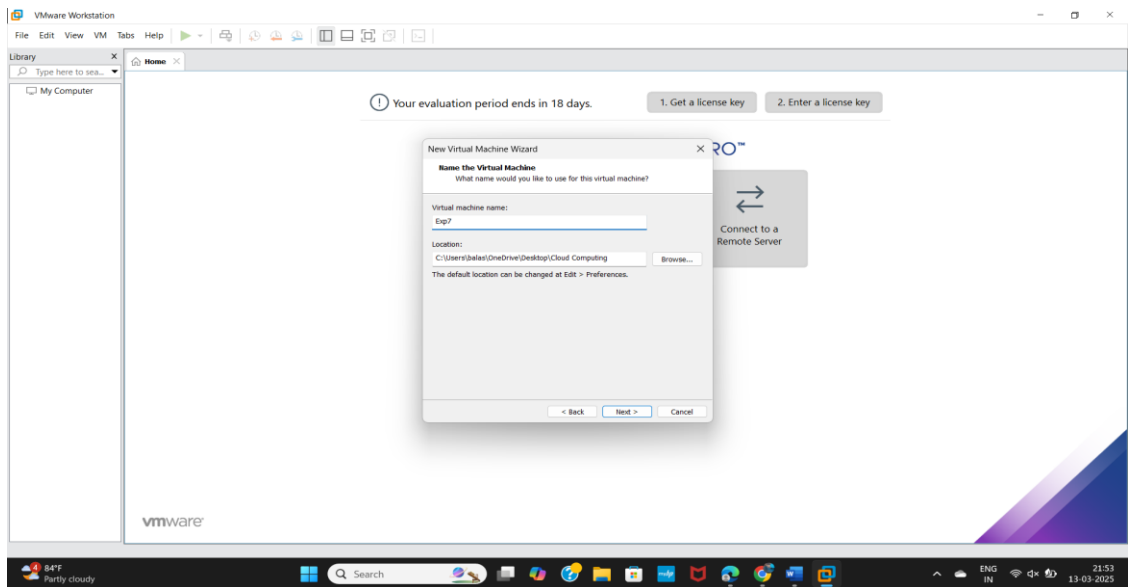
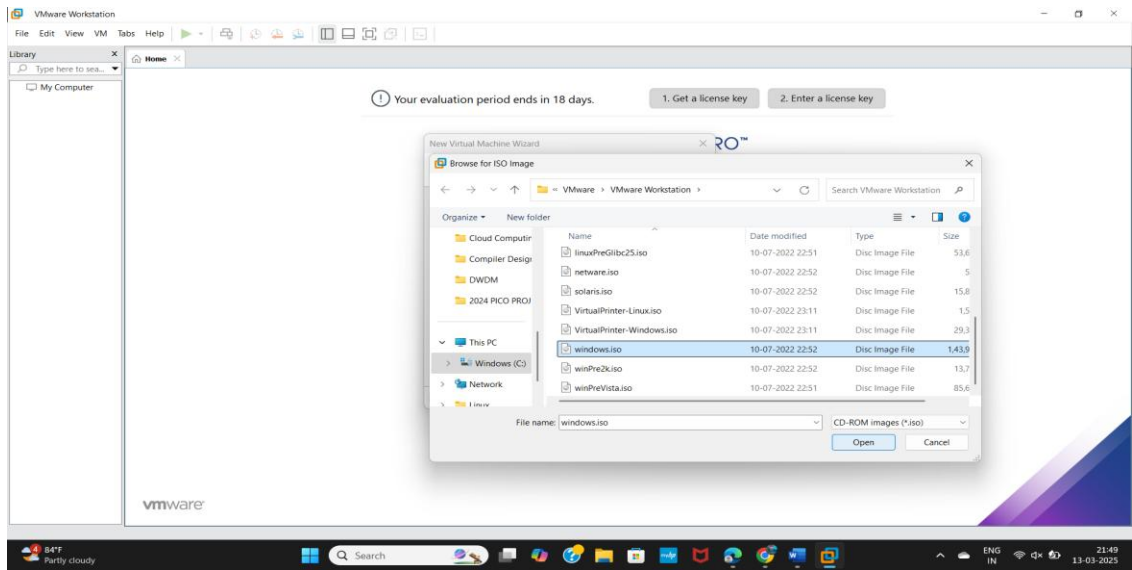
STEP 6: Click on the created VM and select "Play virtual machine". The VM will boot from the ISO file.etc from Module Reports. Install the OS.

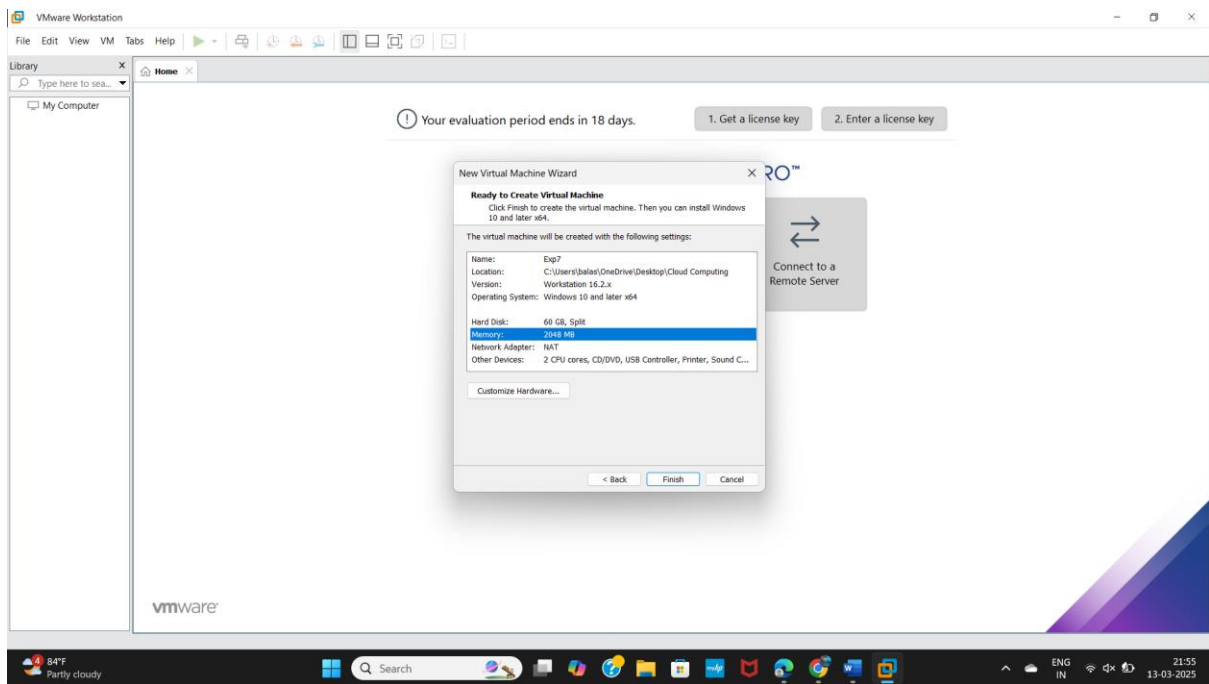
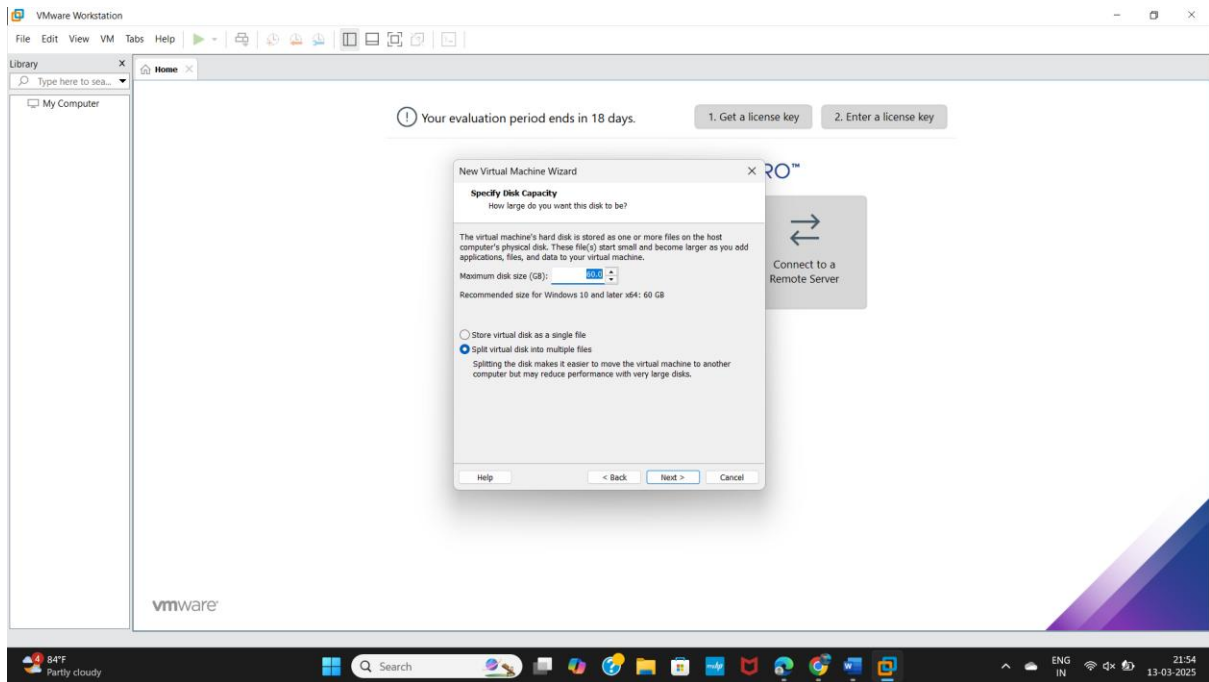
STEP 7: From the VM menu, select "Install VMware Tools".

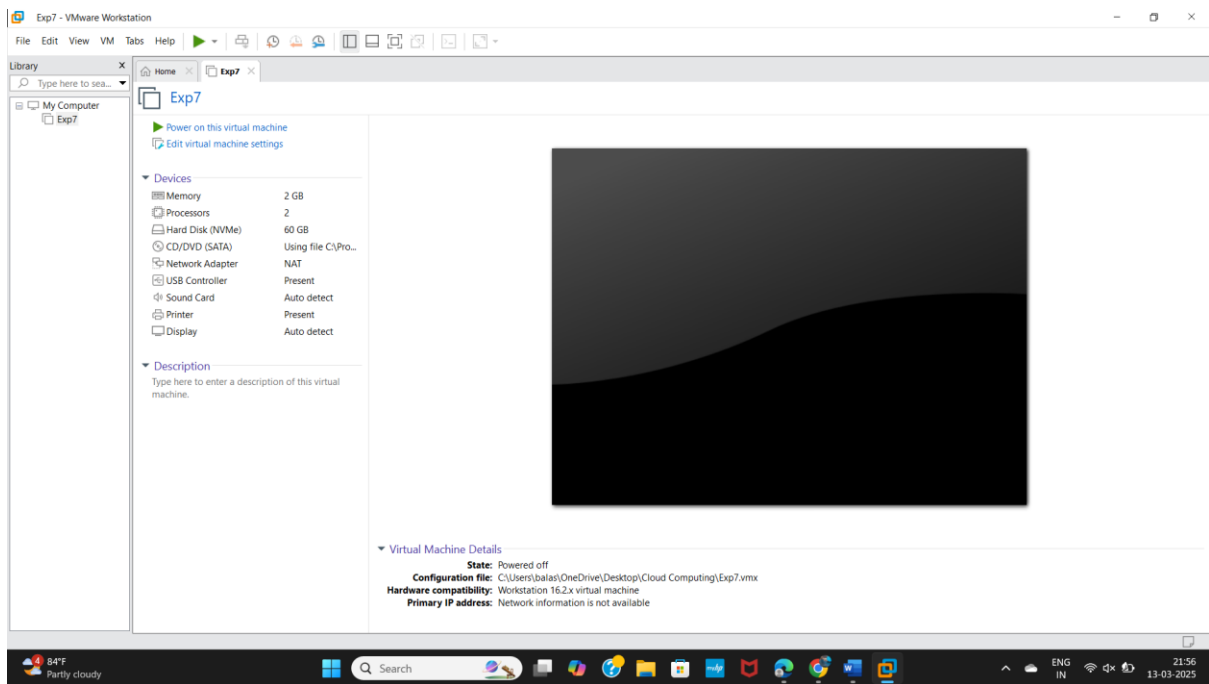
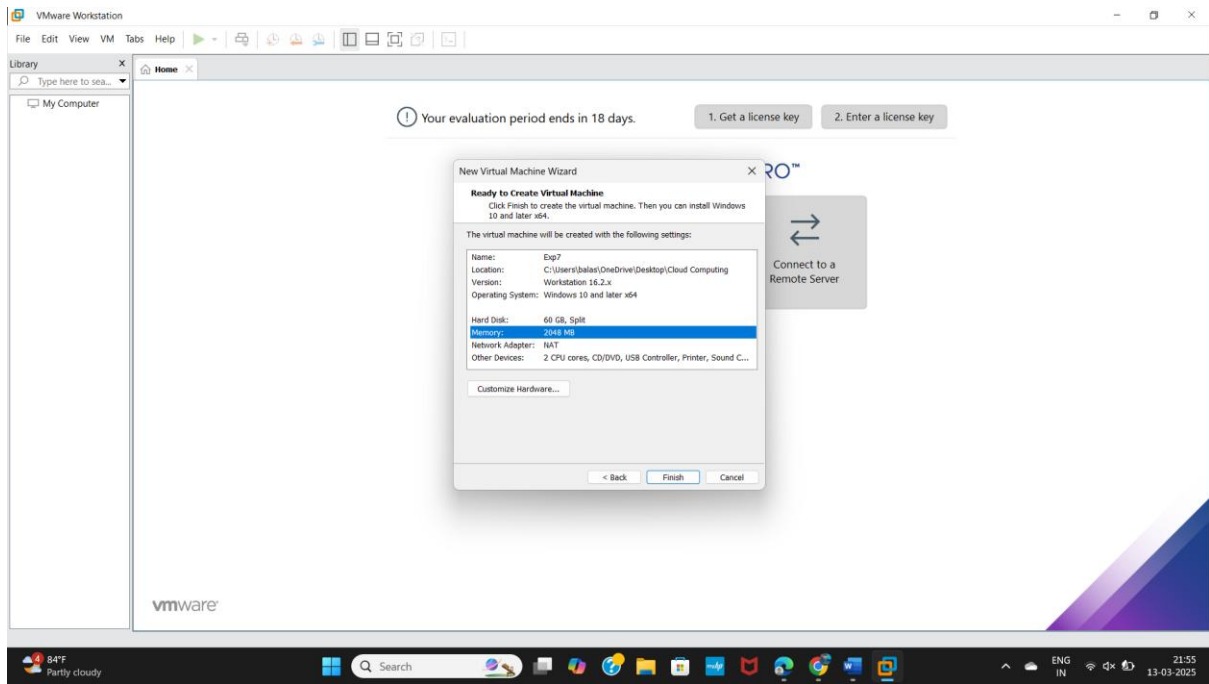
STEP 8: Enable Full-Screen Mode → Adjust display settings, Set Up Networking → Use NAT(default) or Bridged mode for internet access, Enable Shared Folders → Transfer files between host and VM, Take Snapshots → Save VM state for backups.

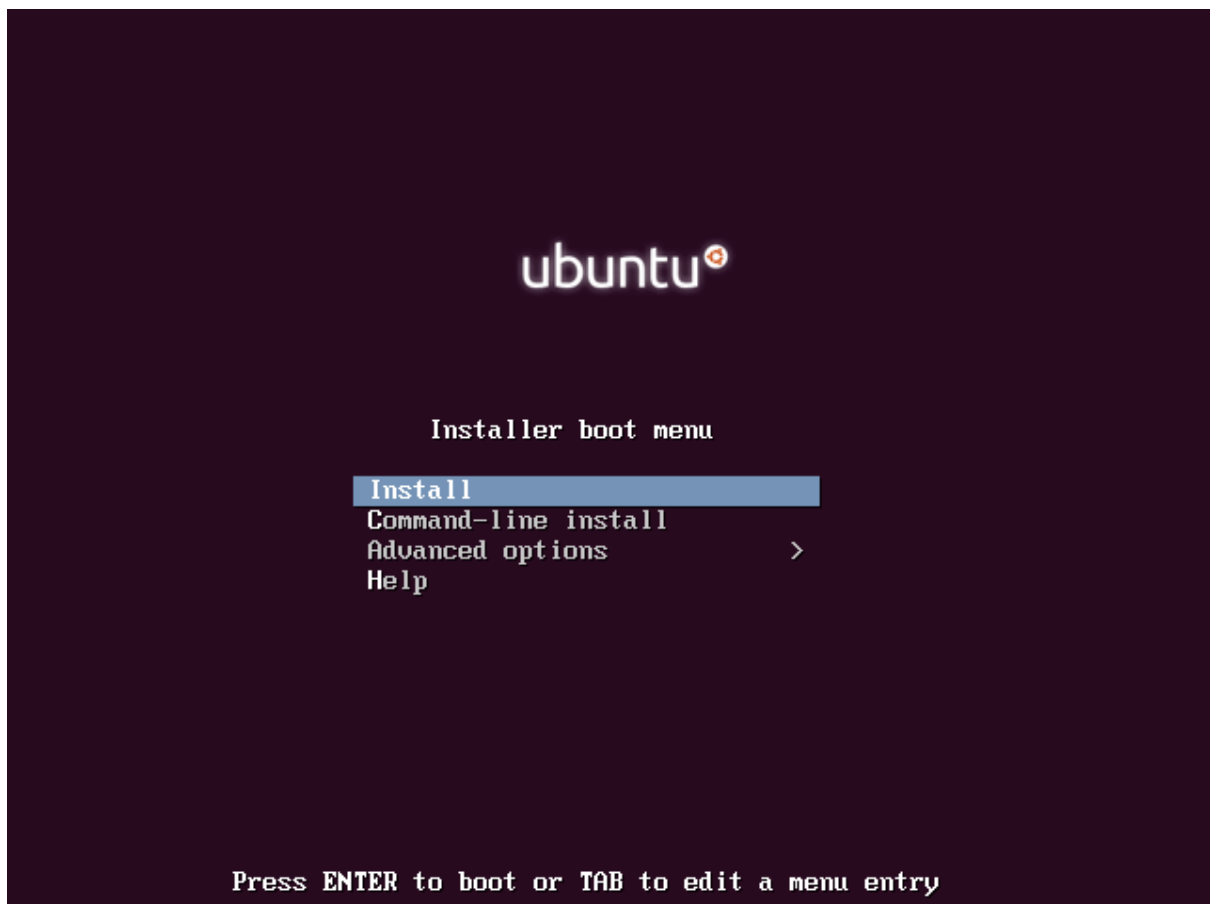
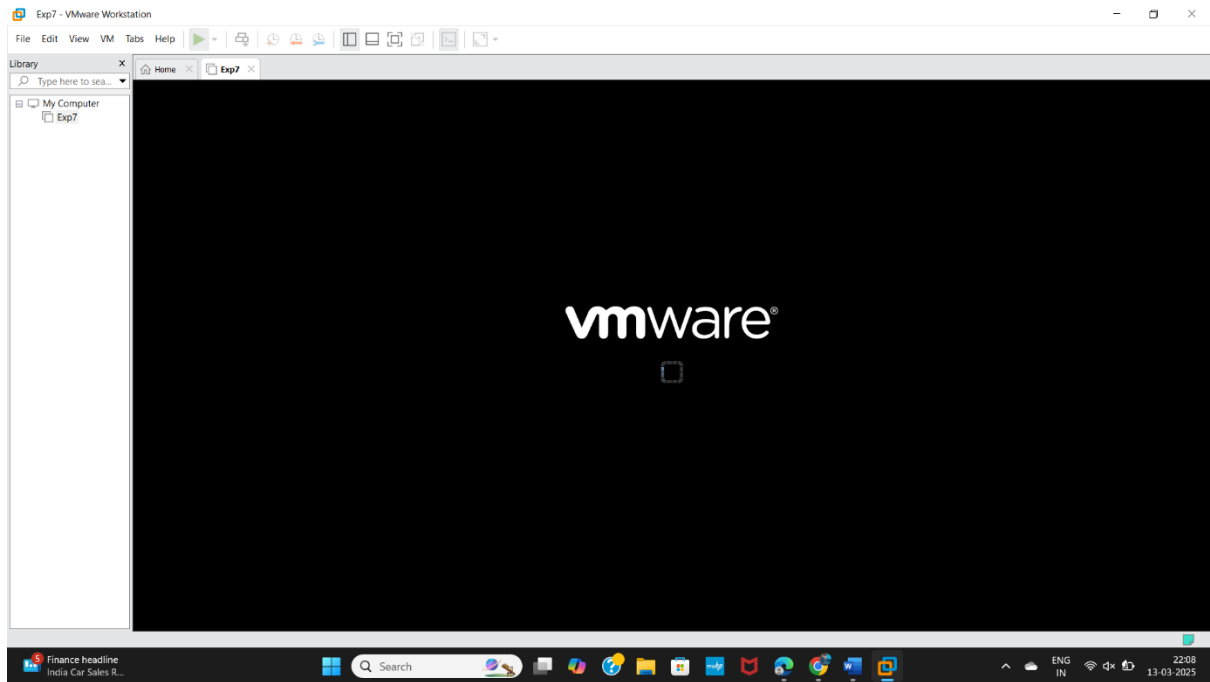
## IMPLEMENTATION:

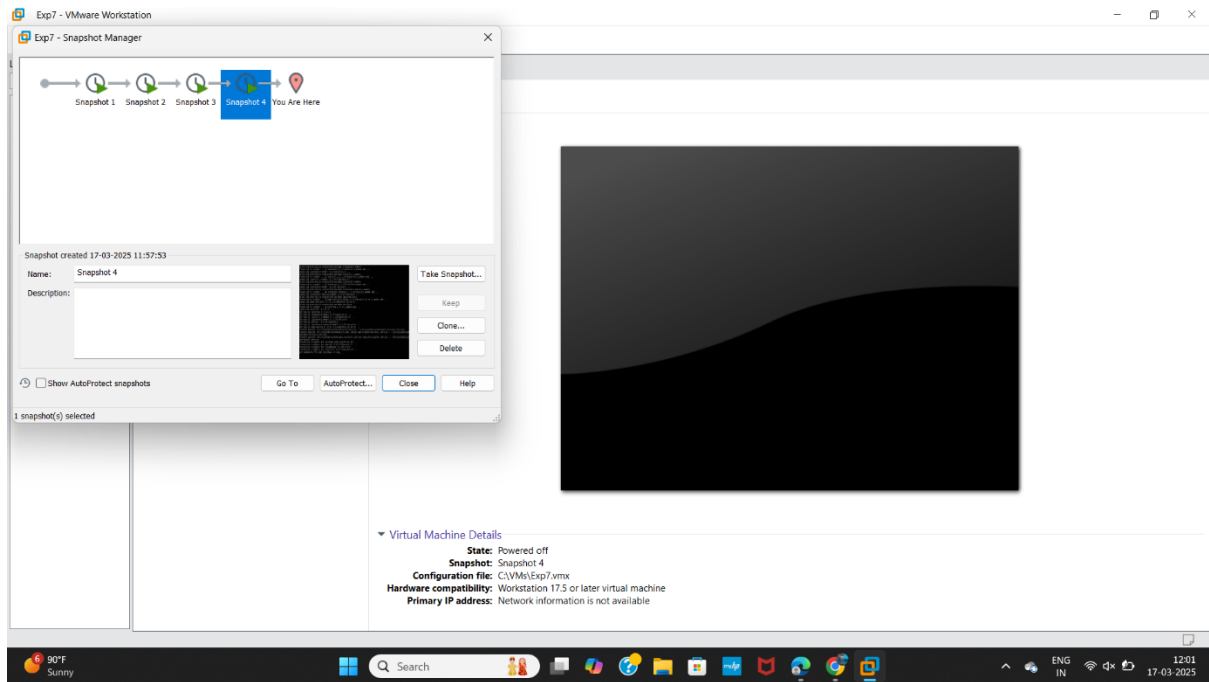












## RESULT:

**Demonstration of virtualization by VMWare workstation is done successfully.**