

EXP NO 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 a **Type-2 Hypervisor (VMware Workstation)** on the host system and to create and run a **Virtual Machine** using a guest operating system (Ubuntu Linux).

REQUIREMENTS

Hardware Requirements

- Processor: Intel / AMD Processor with virtualization support
- RAM: Minimum 4 GB
- Hard Disk: Minimum 50 GB free space
- System Type: 64-bit system

Software Requirements

- Host Operating System: Windows / Linux
- Type-2 Hypervisor: VMware Workstation
- Guest Operating System: Ubuntu 18.04.3 ISO / Tiny OS ISO

PROCEDURE

STEP 1: Download and install VMware Workstation on the host system.

STEP 2: Download Ubuntu or Tiny OS ISO image file from the official website.

STEP 3: Open VMware Workstation and click **Create a New Virtual Machine**.

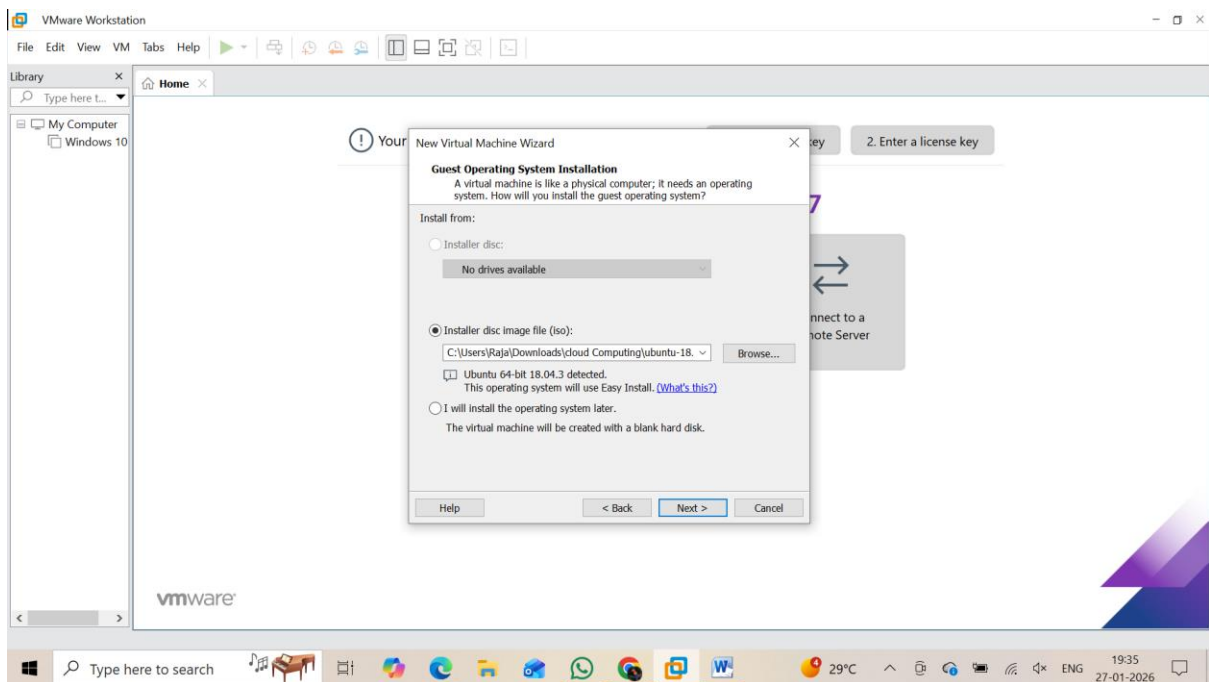
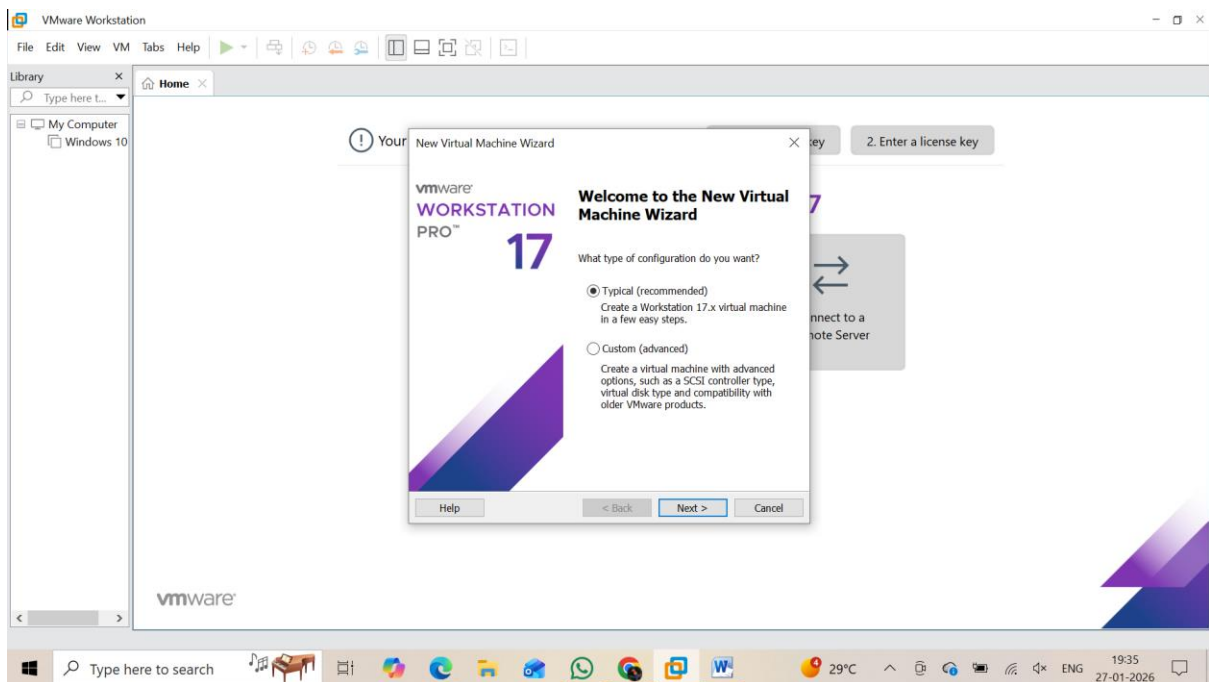
STEP 4: Select **Installer disc image file (ISO)** and browse the Ubuntu ISO file.

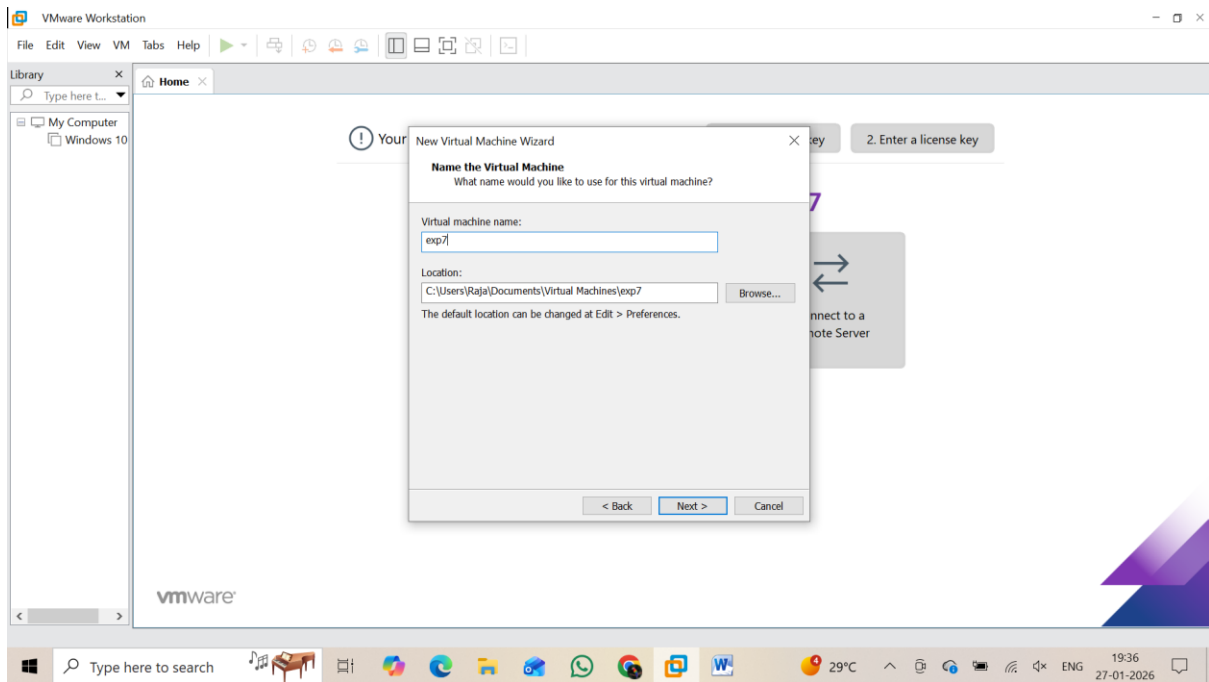
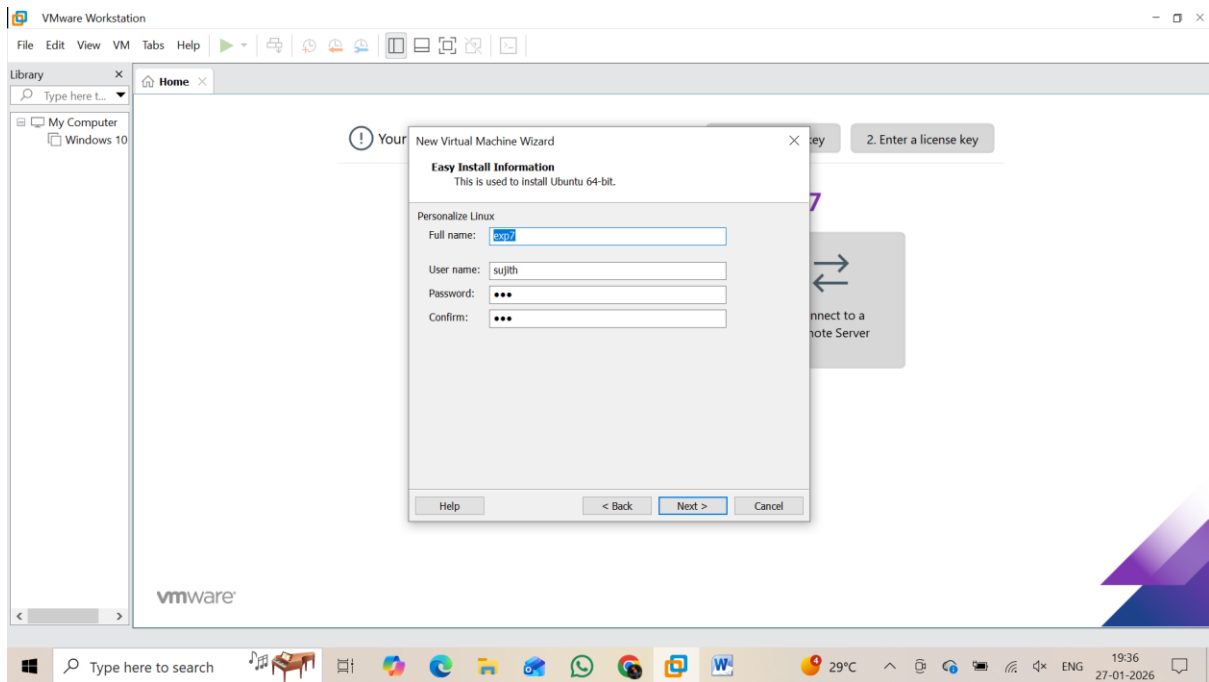
STEP 5: Enter the guest OS user details using Easy Install option.

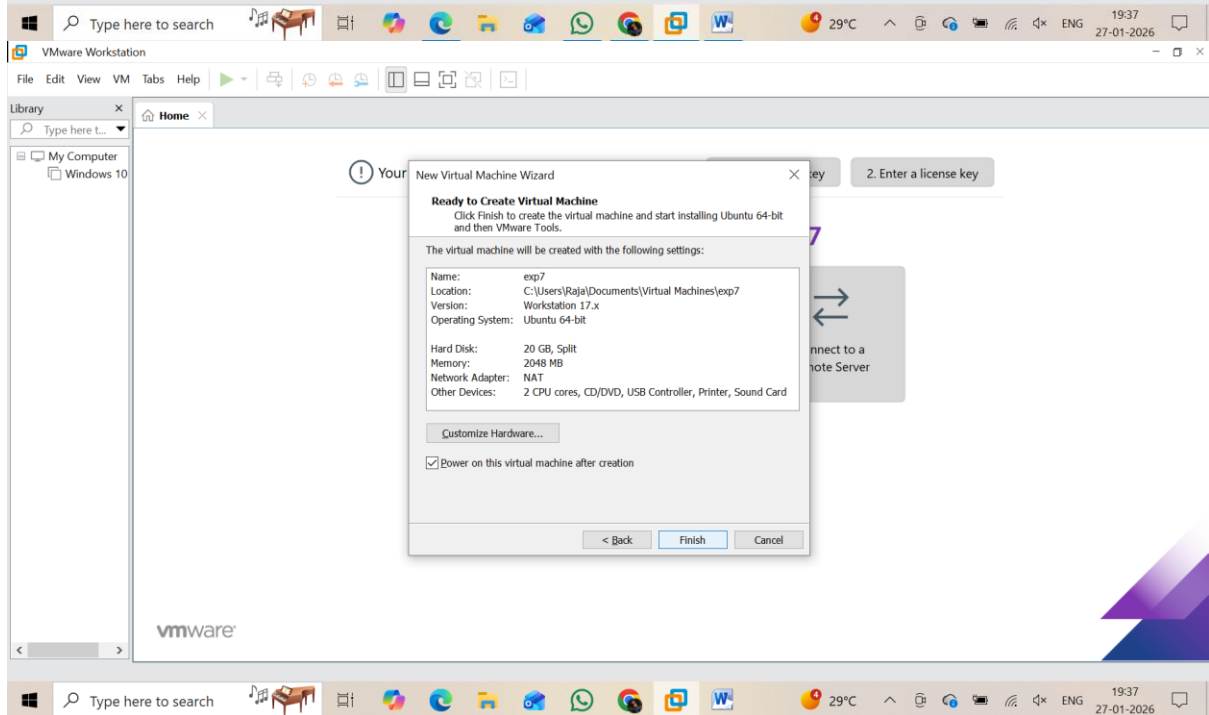
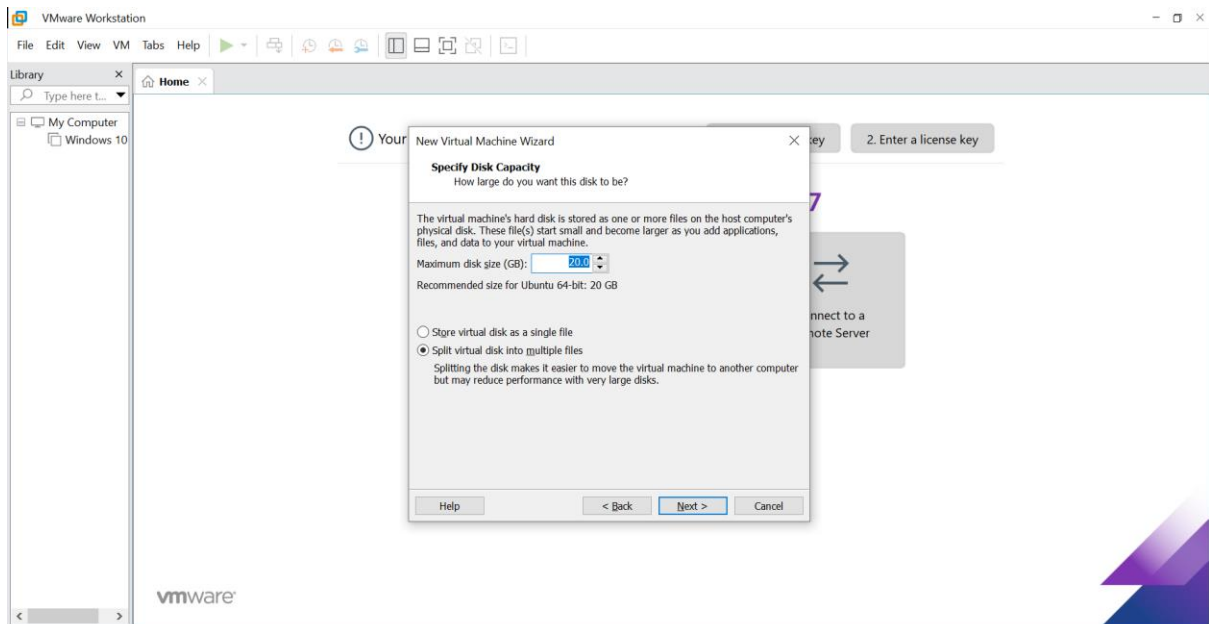
STEP 6: Configure basic virtual machine settings such as name, disk size, and location.

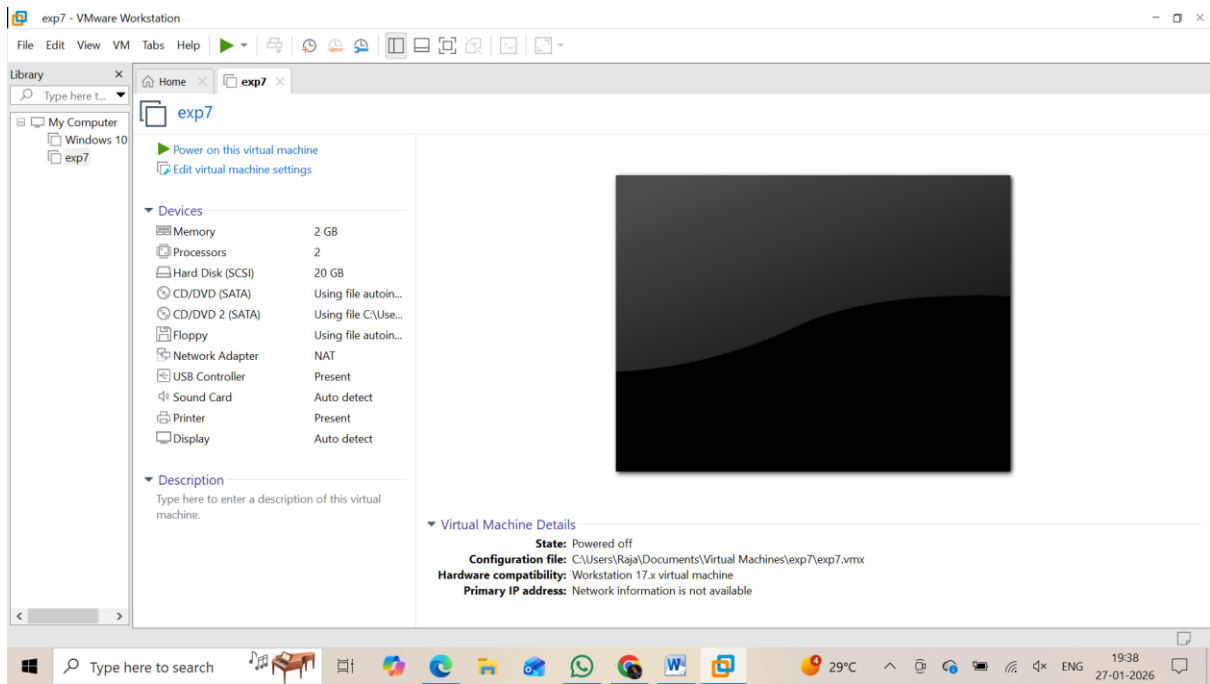
STEP 7: Complete the virtual machine creation and launch the VM.

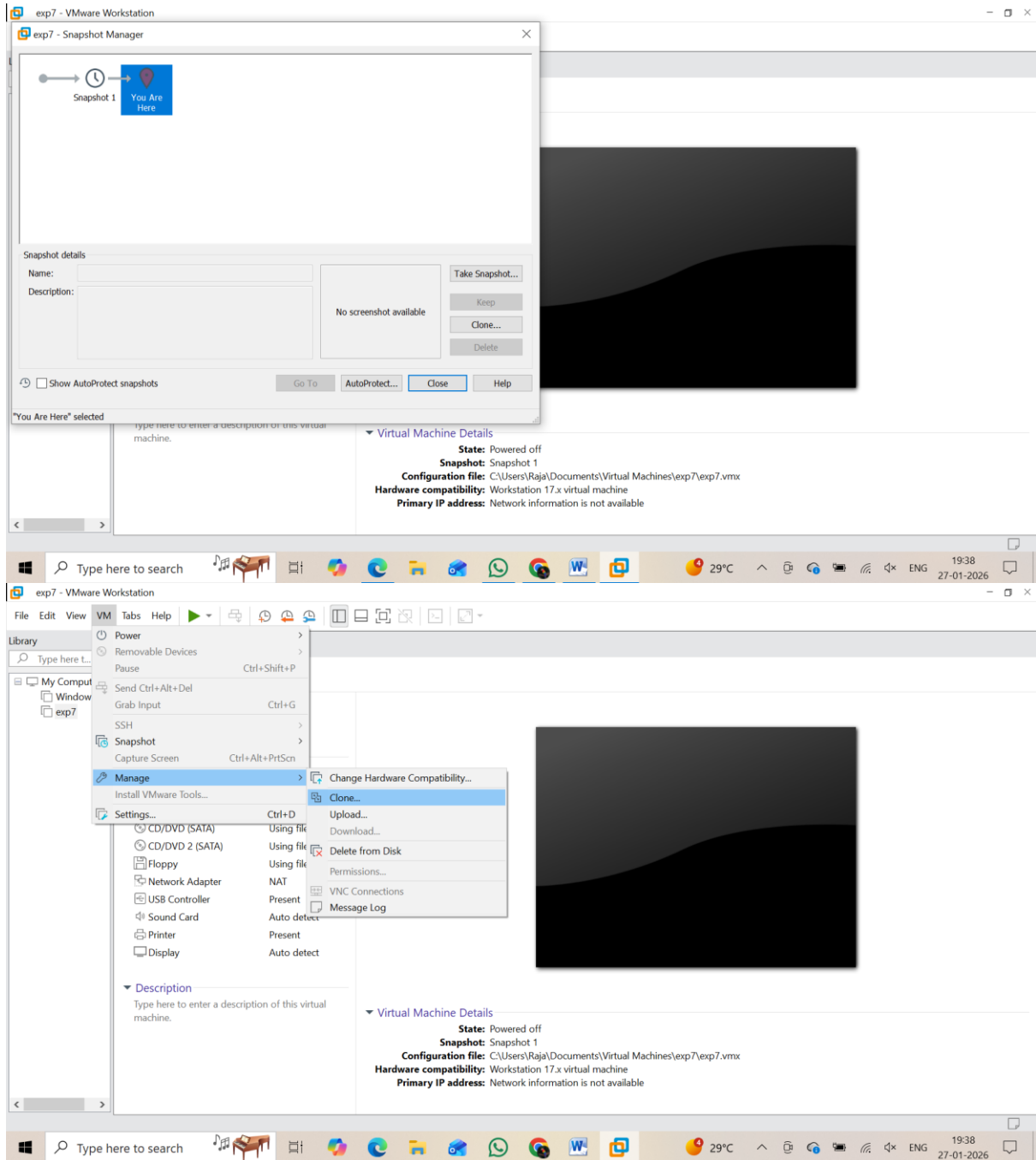
Output :

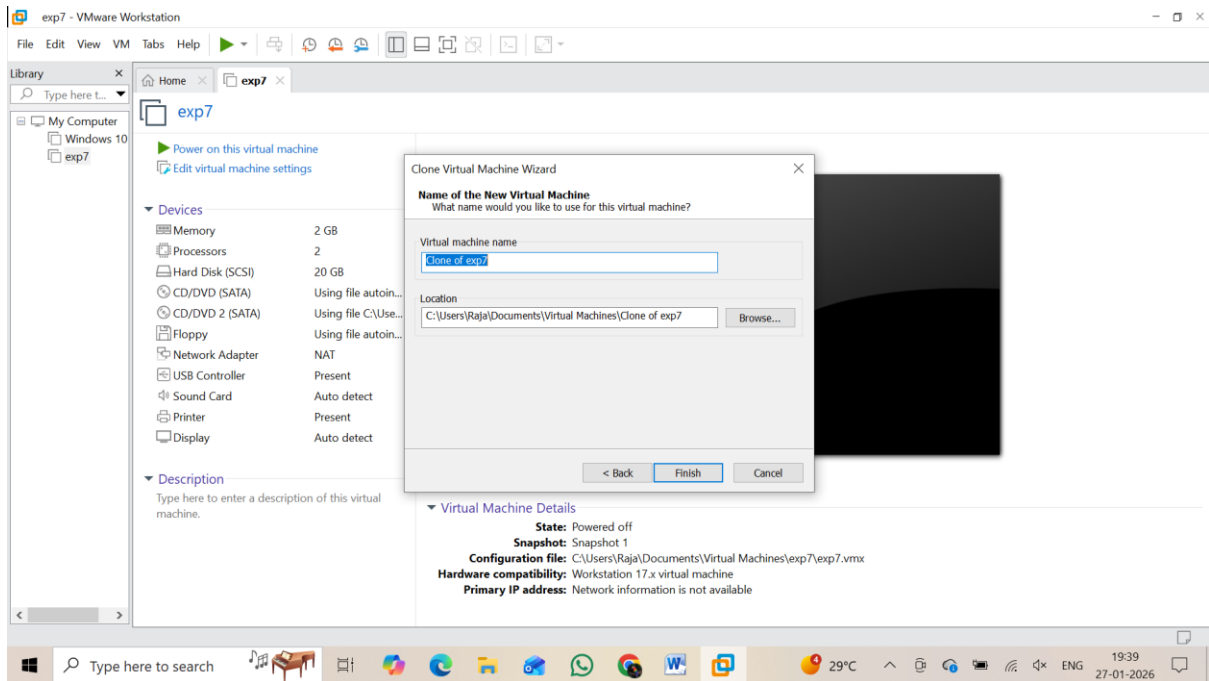
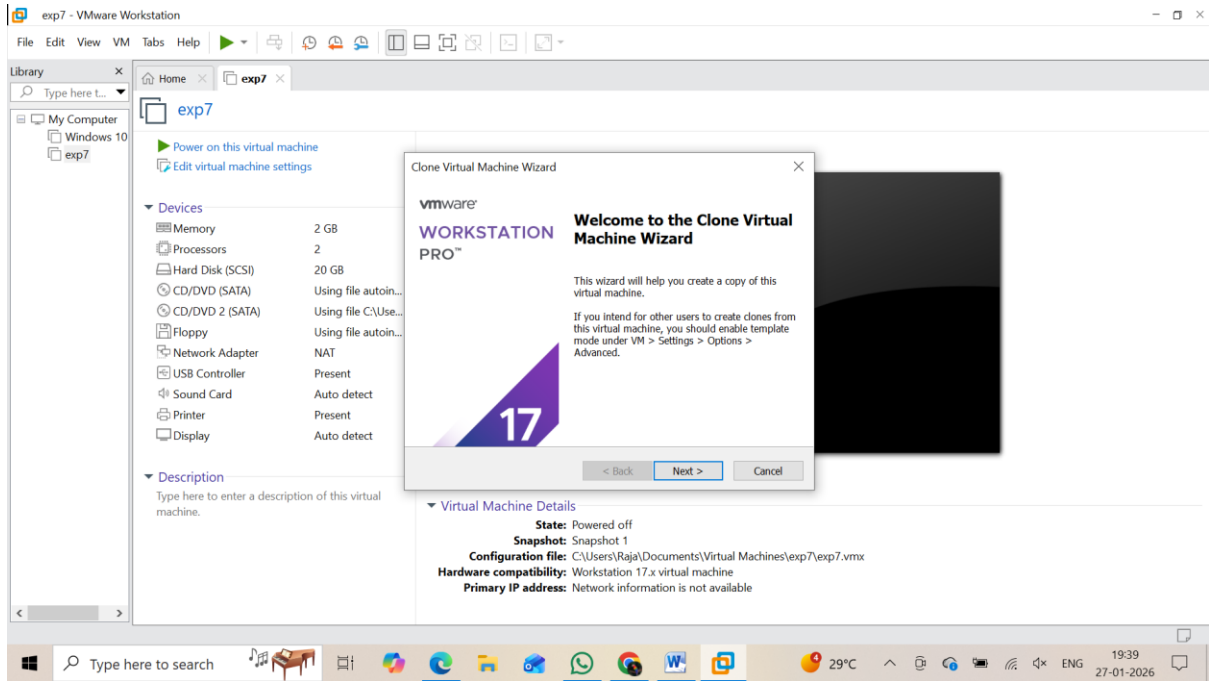


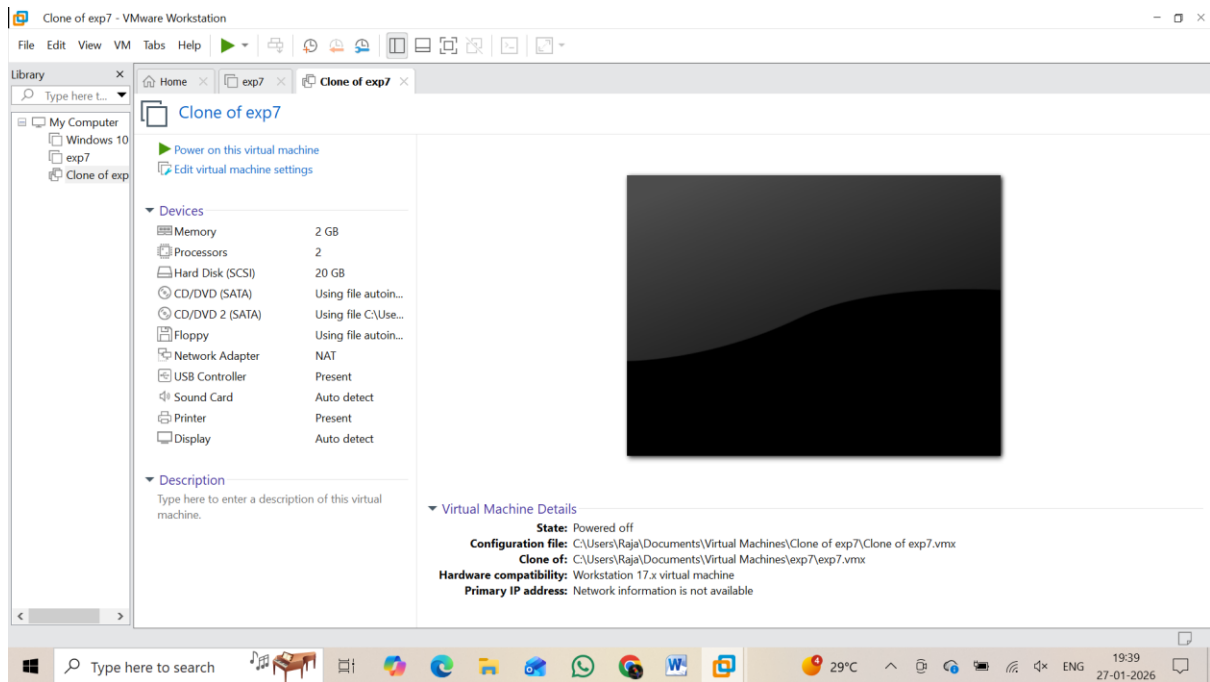












RESULT

Thus, virtualization was successfully demonstrated by installing a **Type-2 Hypervisor (VMware Workstation)** and creating and running a **Virtual Machine with Ubuntu Linux**