6. Demonstrate virtualization by Installing Type-2 Hypervisor in your device, create and configure VM image with a Host Operating system (Either Windows/Linux) using virtual box.

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:Dowload VMware workstation and installed as type 2hypervisor.

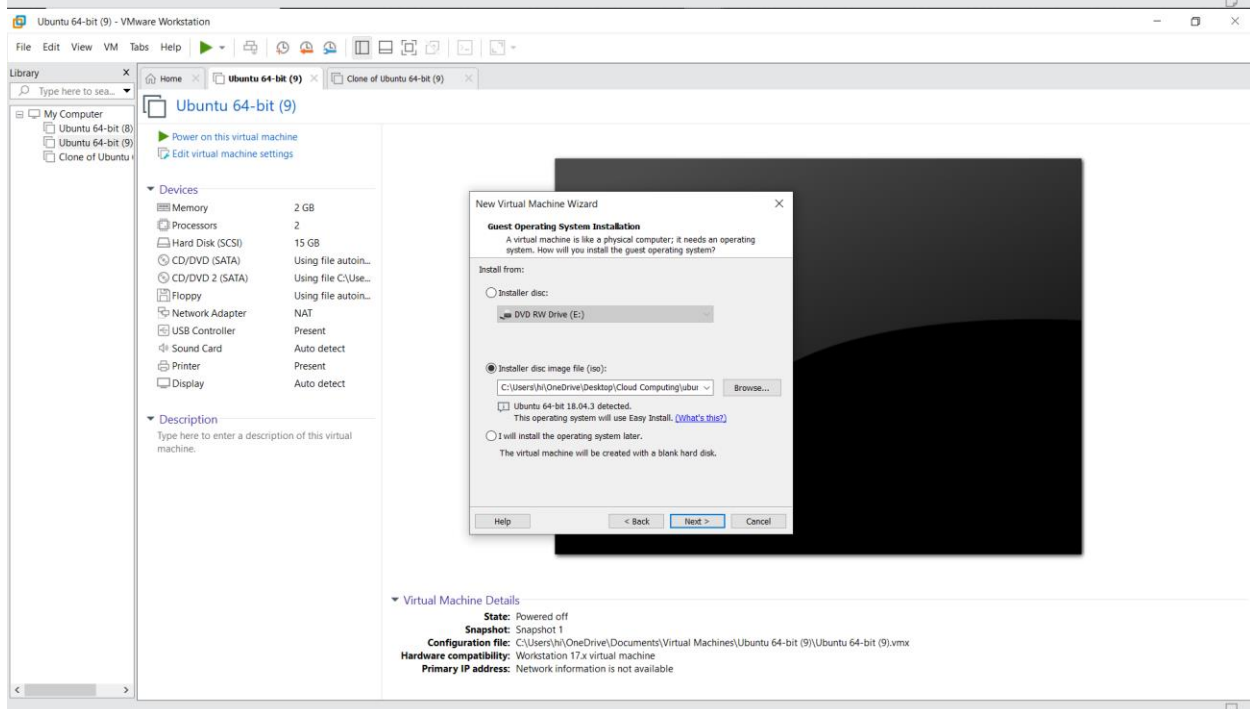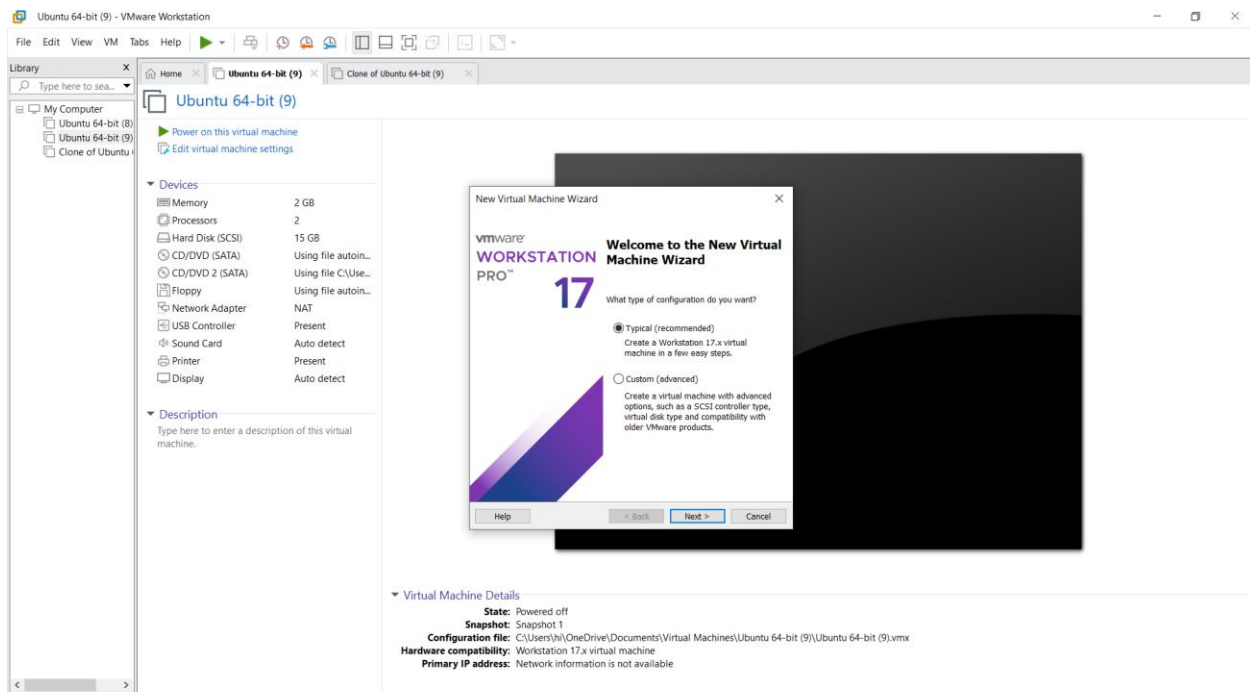STEP2:Dowload ubuntu or tiny OS as iso image file.
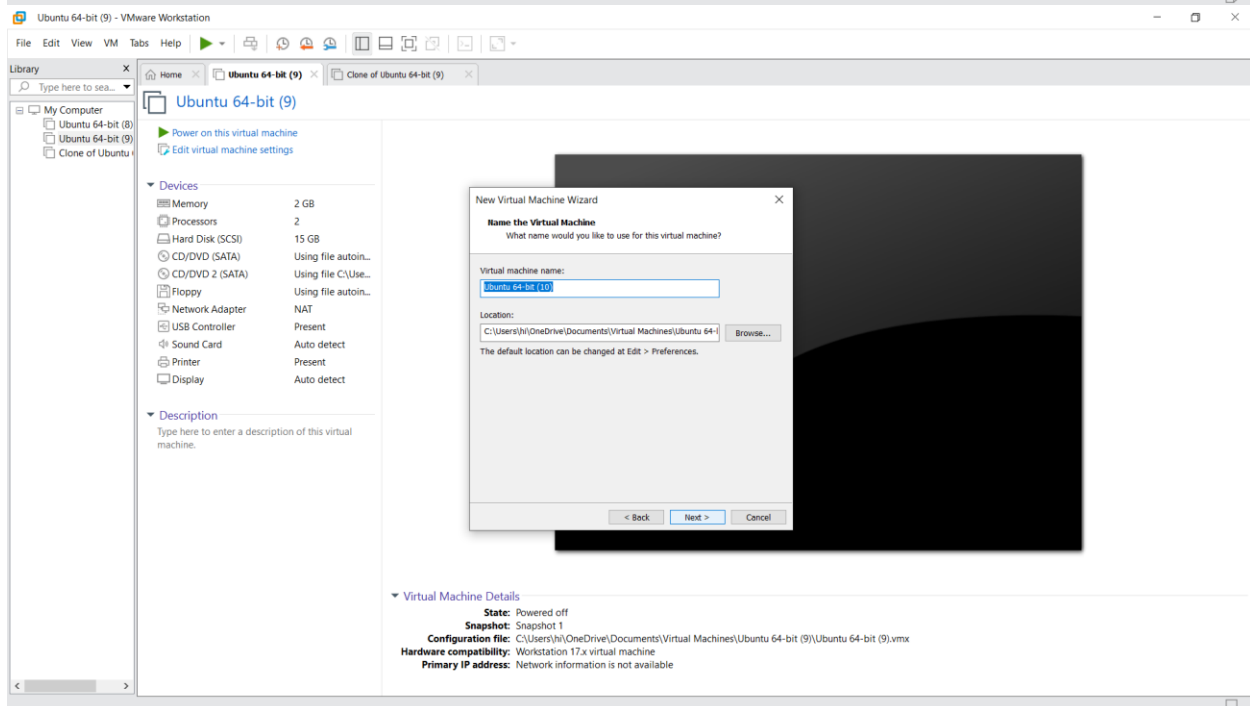
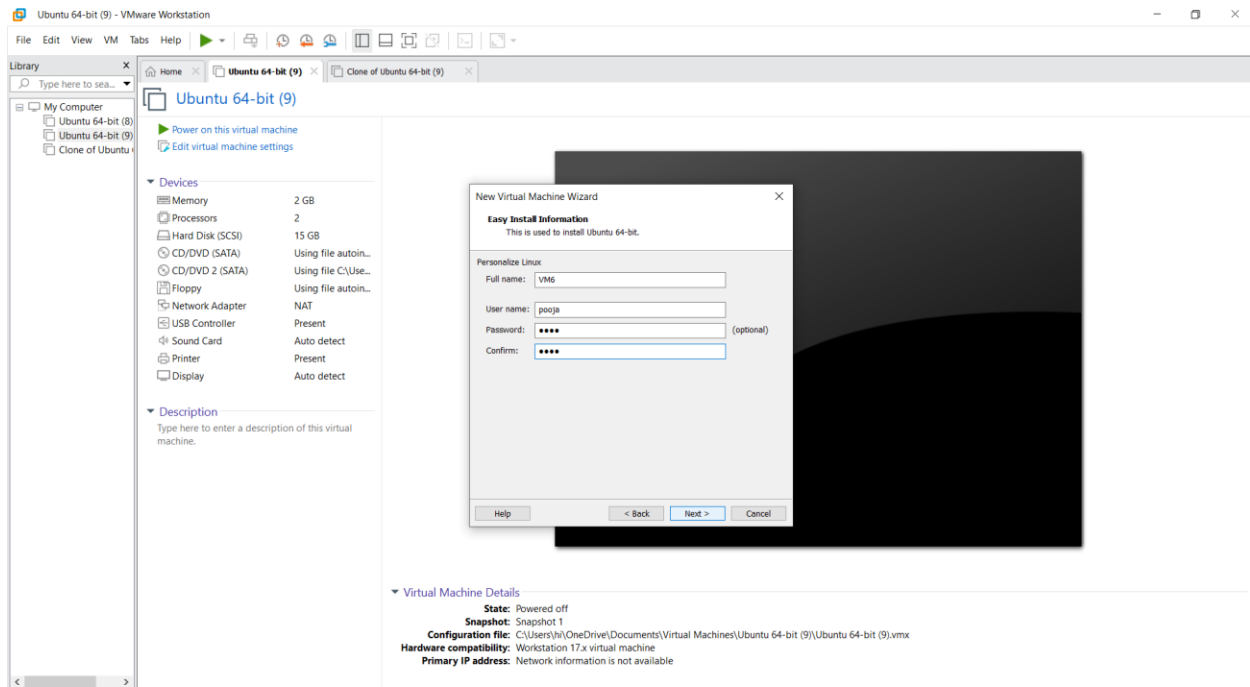STEP 3: In VMware workstation->create new VM.
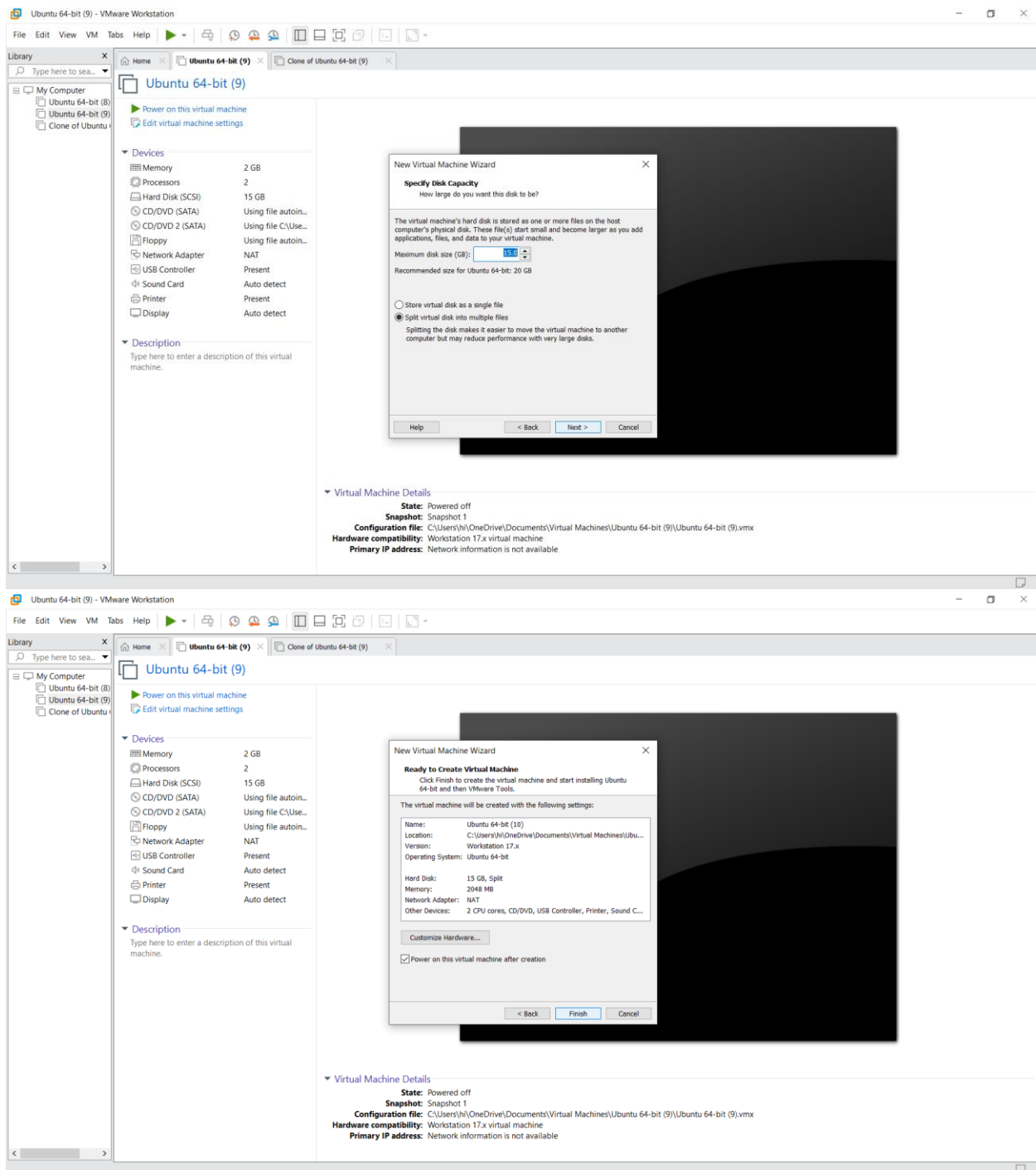
STEP 4: Do the basic configuration settings.

STEP 5: Created tiny OS virtual machine.

STEP 6: Launch the VM.

IMPLEMENTATION

Screenshot 1:

Ubuntu 64-bit (9) - VMware Workstation

File Edit View VM Tabs Help

Library
Type here to sea...

- My Computer
  - Ubuntu 64-bit (8)
  - Ubuntu 64-bit (9)
  - Clone of Ubuntu (

Home | Ubuntu 64-bit (9) | Clone of Ubuntu 64-bit (9)

Ubuntu 64-bit (9)

▶ Power on this virtual machine
⚙ Edit virtual machine settings

▼ Devices
- Memory   2 GB
- Processors   2
- Hard Disk (SCSI) 15 GB
- CD/DVD (SATA)   Using file autoin...
- CD/DVD 2 (SATA) Using file C:\Use...
- Floppy   Using file autoin...
- Network Adapter NAT
- USB Controller   Present
- Sound Card   Auto detect
- Printer   Present
- Display   Auto detect

▼ Description
Type here to enter a description of this virtual machine.

New Virtual Machine Wizard   ×

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

Personalize Linux

Full name: VM6

User name: pooja

Password: ●●●●   (optional)

Confirm: ●●●●

Help   < Back   Next >   Cancel

▼ Virtual Machine Details
State: Powered off
Snapshot: Snapshot 1
Configuration file: C:\Users\hi\OneDrive\Documents\Virtual Machines\Ubuntu 64-bit (9)\Ubuntu 64-bit (9).vmx
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available

Screenshot 2:

Ubuntu 64-bit (9) - VMware Workstation

File Edit View VM Tabs Help

Library
Type here to sea...

- My Computer
  - Ubuntu 64-bit (8)
  - Ubuntu 64-bit (9)
  - Clone of Ubuntu (

Home | Ubuntu 64-bit (9) | Clone of Ubuntu 64-bit (9)

Ubuntu 64-bit (9)

▶ Power on this virtual machine
⚙ Edit virtual machine settings

▼ Devices
- Memory   2 GB
- Processors   2
- Hard Disk (SCSI) 15 GB
- CD/DVD (SATA)   Using file autoin...
- CD/DVD 2 (SATA) Using file C:\Use...
- Floppy   Using file autoin...
- Network Adapter NAT
- USB Controller   Present
- Sound Card   Auto detect
- Printer   Present
- Display   Auto detect

▼ Description
Type here to enter a description of this virtual machine.

New Virtual Machine Wizard   ×

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

Virtual machine name:
Ubuntu 64-bit (10)

Location:
C:\Users\hi\OneDrive\Documents\Virtual Machines\Ubuntu 64-   Browse...

The default location can be changed at Edit > Preferences.

< Back   Next >   Cancel

▼ Virtual Machine Details
State: Powered off
Snapshot: Snapshot 1
Configuration file: C:\Users\hi\OneDrive\Documents\Virtual Machines\Ubuntu 64-bit (9)\Ubuntu 64-bit (9).vmx
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available

RESULT:

Virtualization by installing type-2 hypervisor in your device, create and configure VM image with a host operating system (either windows/linux) has been demonstrated.