EXP 12: 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) using virtual box.

PROCEDURE:

STEP 1: Download VMware workstation and install it as type 2 hypervisor.
STEP 2: Download ubuntu or tiny OS as iso image file.
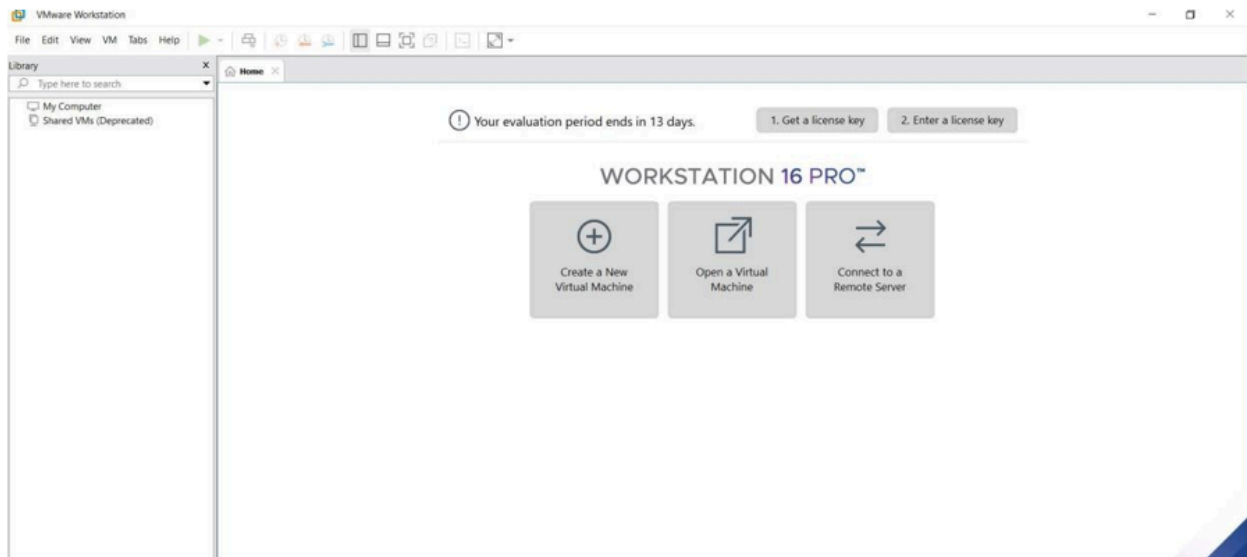STEP 3: In VMware workstation->create new VM.
STEP 4: Do the basic configuration settings.
STEP 5: Created a tiny OS virtual machine.
STEP 6: Launch the VM.

IMPLEMENTATION:

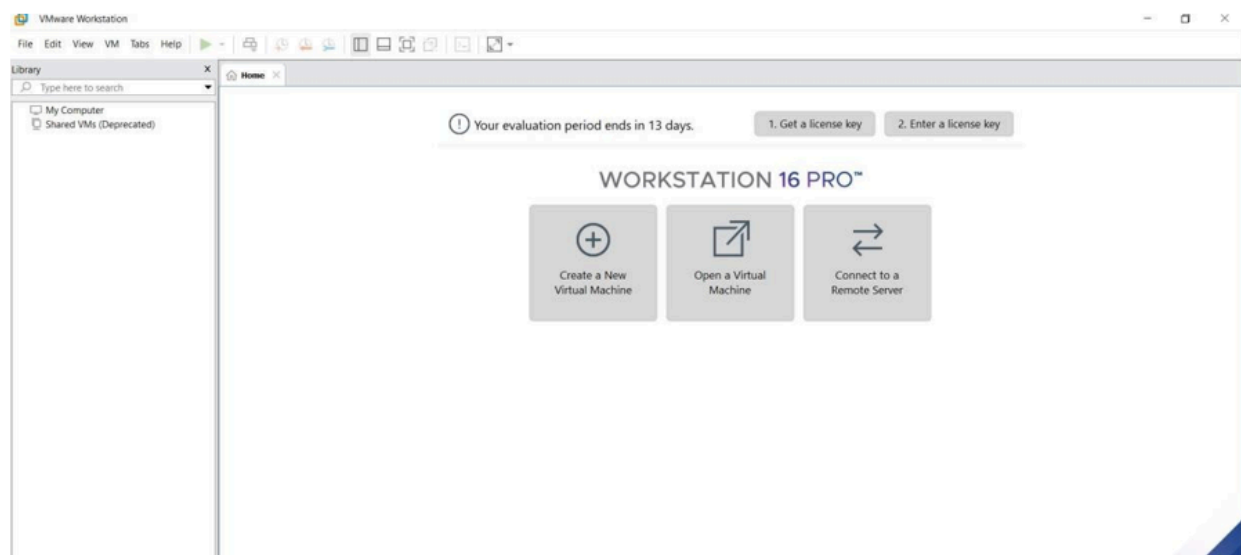STEP 1: DOWNLOAD VMWARE WORKSTATION AND INSTALLED AS TYPE 2 HYPERVISOR

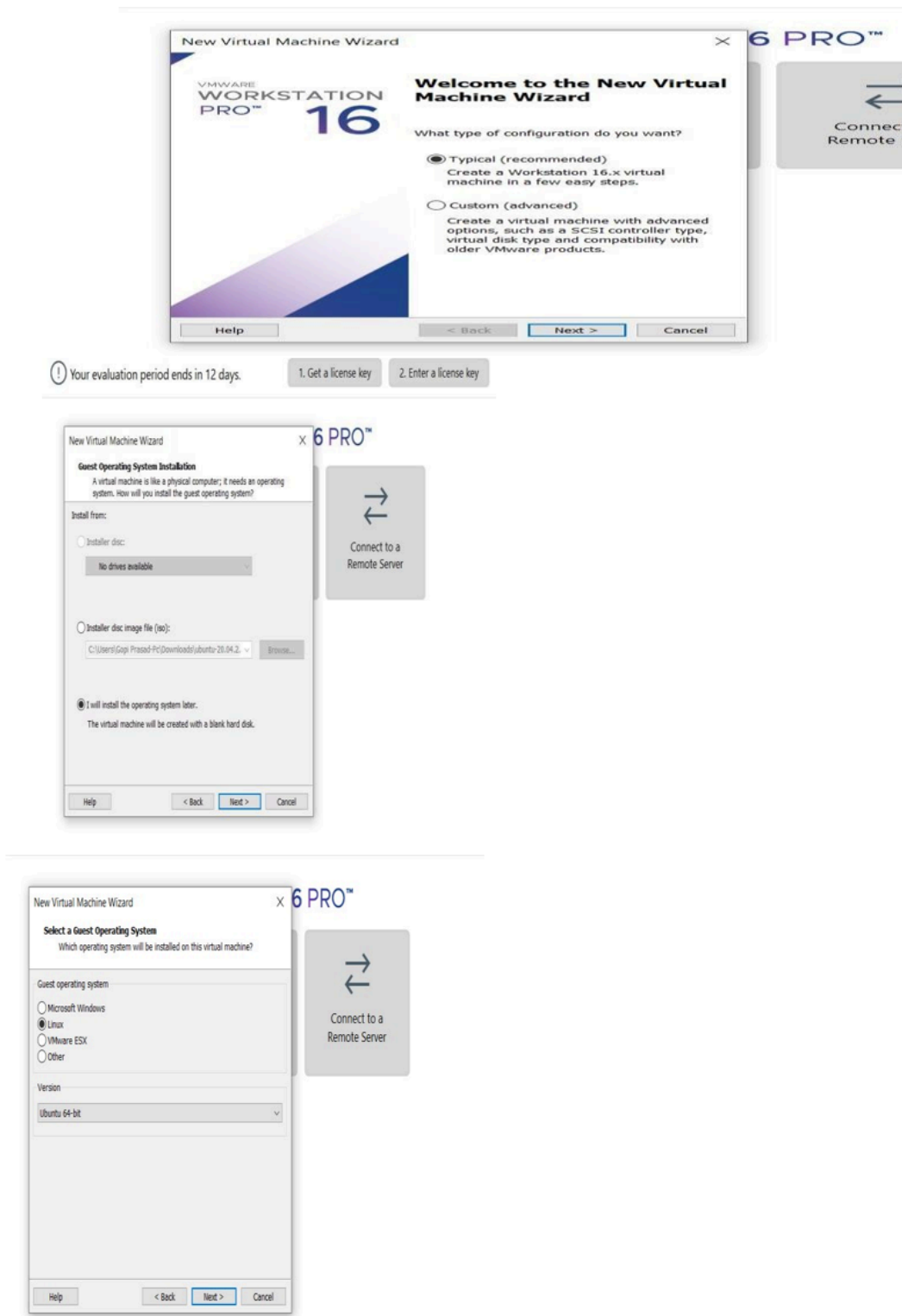## STEP 2: DOWNLOAD UBUNTU OR TINY OS AS ISO IMAGE FILE

Index of /11.x/x86/release/

```
../
distribution_files/         09-Feb-2020 11:50          -
src/                        03-Dec-2019 11:14          -
Core-11.1.iso               01-Apr-2020 07:49    14757888
Core-11.1.iso.md5.txt       01-Apr-2020 07:49          48
Core-11.1.iso.zsync         01-Apr-2020 07:49       50639
Core-current.iso            01-Apr-2020 07:49    14757888
CorePlus-11.1.iso           01-Apr-2020 07:50   216006656
CorePlus-11.1.iso.md5.txt   01-Apr-2020 07:50          52
CorePlus-11.1.iso.zsync     01-Apr-2020 07:50      369358
CorePlus-current.iso        01-Apr-2020 07:50   216006656
TinyCore-11.1.iso           01-Apr-2020 07:50    19922944
TinyCore-11.1.iso.md5.txt   01-Apr-2020 07:50          52
TinyCore-11.1.iso.zsync     01-Apr-2020 07:50       68301
TinyCore-current.iso        01-Apr-2020 07:50    19922944
```

STEP 3: IN VMWARE WORKSTATION->CREATE NEW VM

STEP 4: DO THE BASIC CONFIGURATION SETTINGS.

New Virtual Machine Wizard ✕

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

Virtual machine name:

Ubuntu Vmware

Location:

C:\Users\Gopi Prasad-Pc\Documents\Virtual Machines\Ubuntu   Browse...

The default location can be changed at Edit > Preferences.

< Back   Next >   Cancel

⚠ Your evaluation period ends in 12 days.   1. Get a license key   2. Enter a license key

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):   20.0

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

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Remote Server

⚠ Your evaluation period ends in 12 days.   1. Get a license key   2. Enter a license key

New Virtual Machine Wizard ✕

Specify Disk Capacity
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Help   < Back   Next >   Cancel

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New Virtual Machine Wizard ✕

Ready to Create Virtual Machine
Click Finish to create the virtual machine. Then you can install Ubuntu 64-bit.

The virtual machine will be created with the following settings:
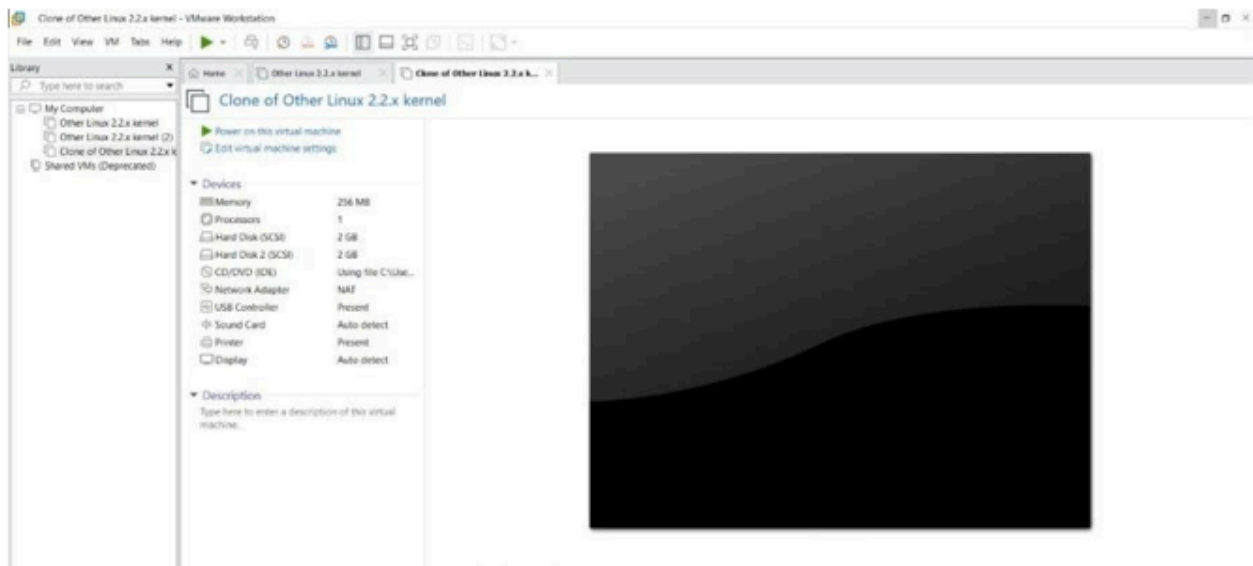
Name: Ubuntu Vmware
Location: C:\Users\Gopi Prasad-Pc\Documents\Virtual Machines\U...
Version: Workstation 16.x
Operating System: Ubuntu 64-bit

Hard Disk: 20 GB
Memory: 2048 MB
Network Adapter: NAT
Other Devices: 2 CPU cores, CD/DVD, USB Controller, Printer, Sound C...

Customize Hardware...

< Back   Finish   Cancel

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Remote Server

STEP 5: CREATED TINYOS VIRTUAL MACHINE

STEP 6: LAUNCH THE VM