EXP NO 10. Create a Cloning of a VM and Test it by loading the Previous Version/Cloned VM using virtual box.

AIM:

To create a clone of a virtual machine in VirtualBox and test it by loading the cloned VM.

PROCEDURE:

STEP 1: Open Oracle VirtualBox and select the virtual machine you want to clone.

STEP 2: Go to Machine → Clone.
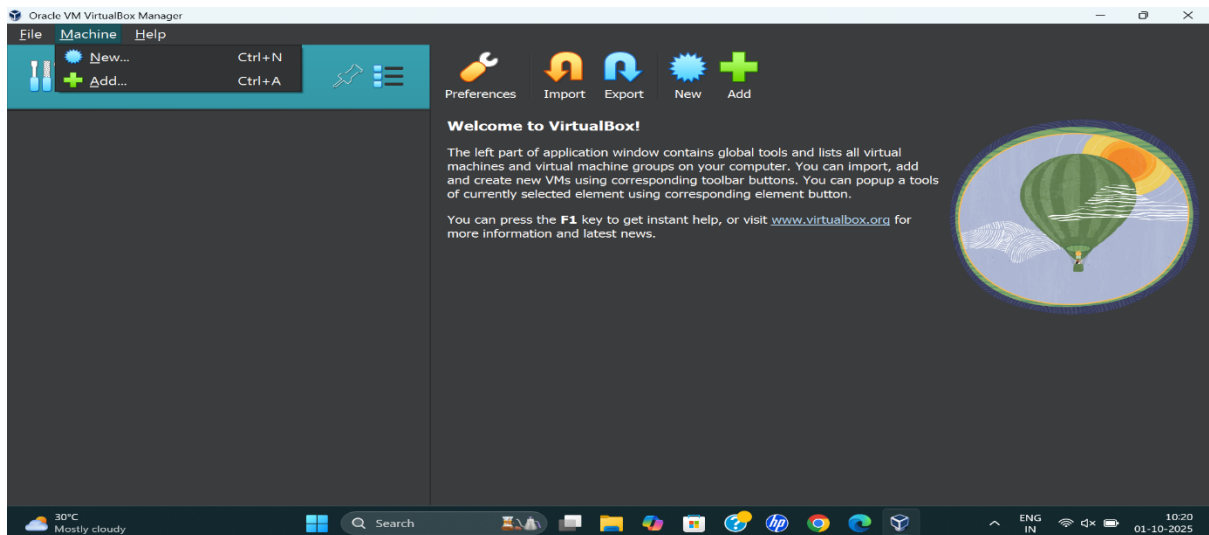
STEP 3: Enter a name for the cloned VM.

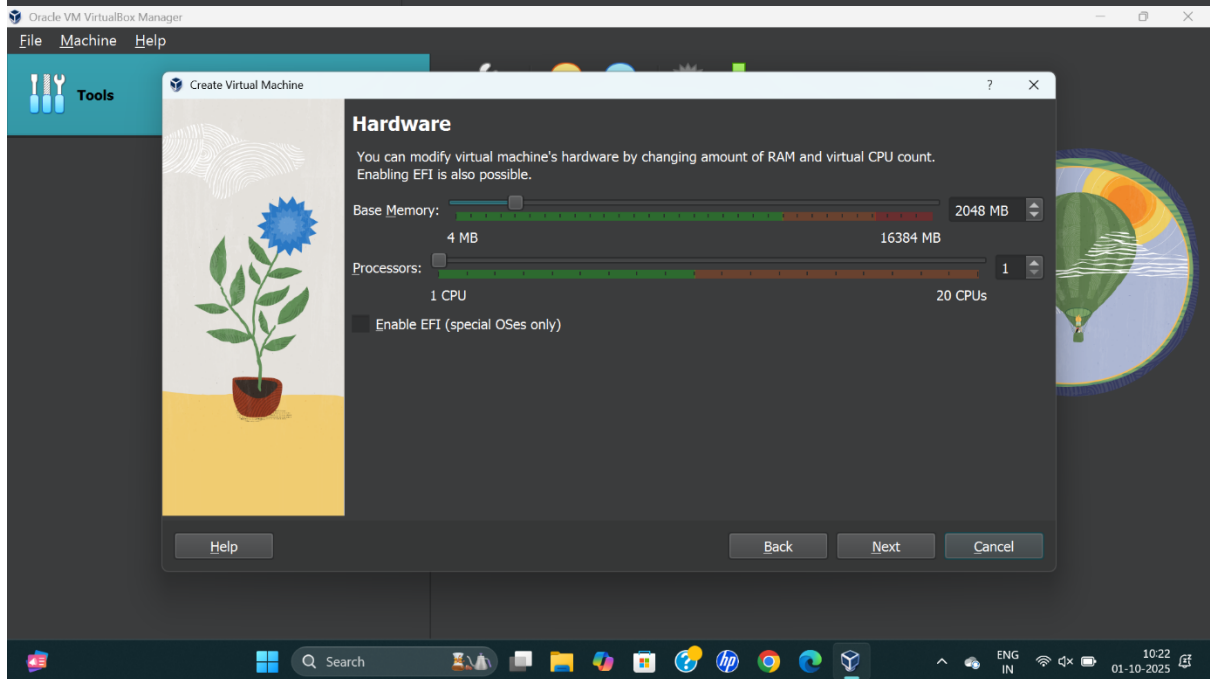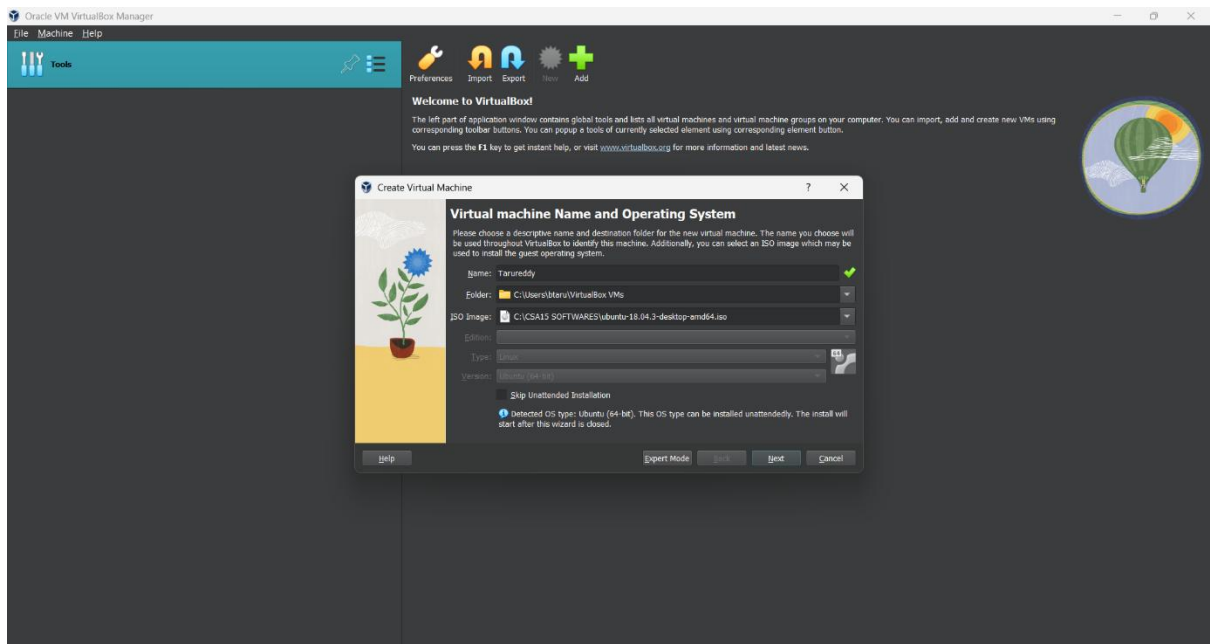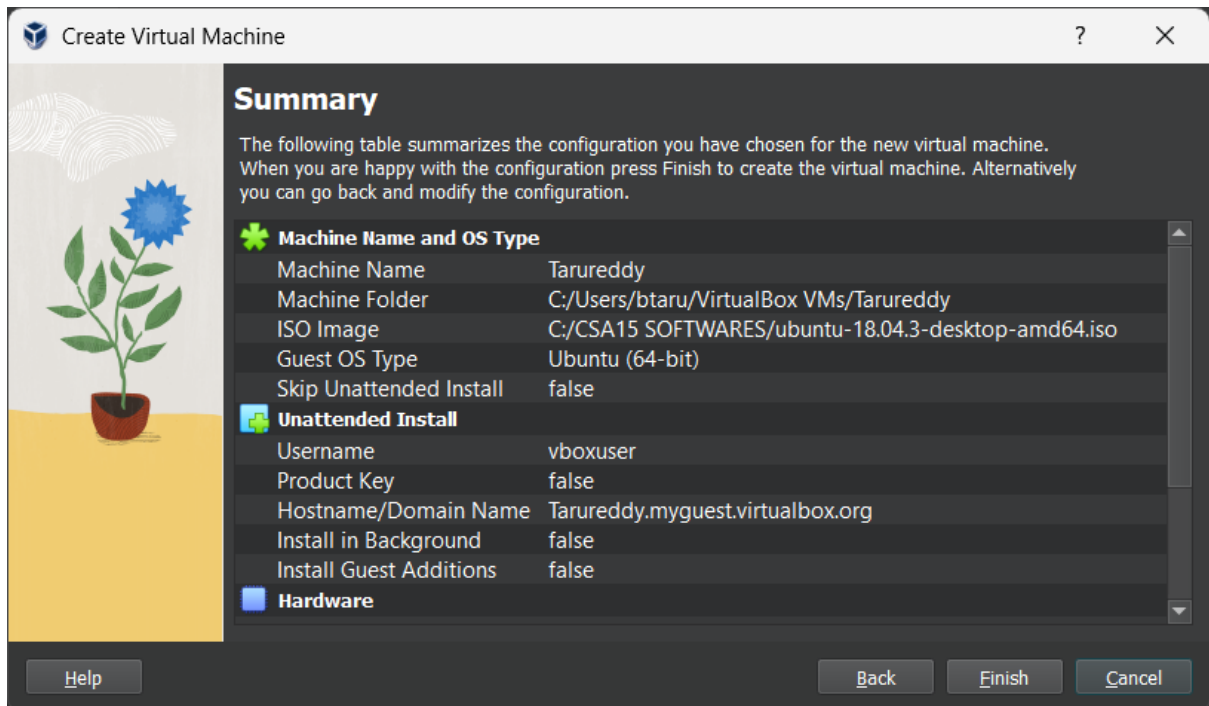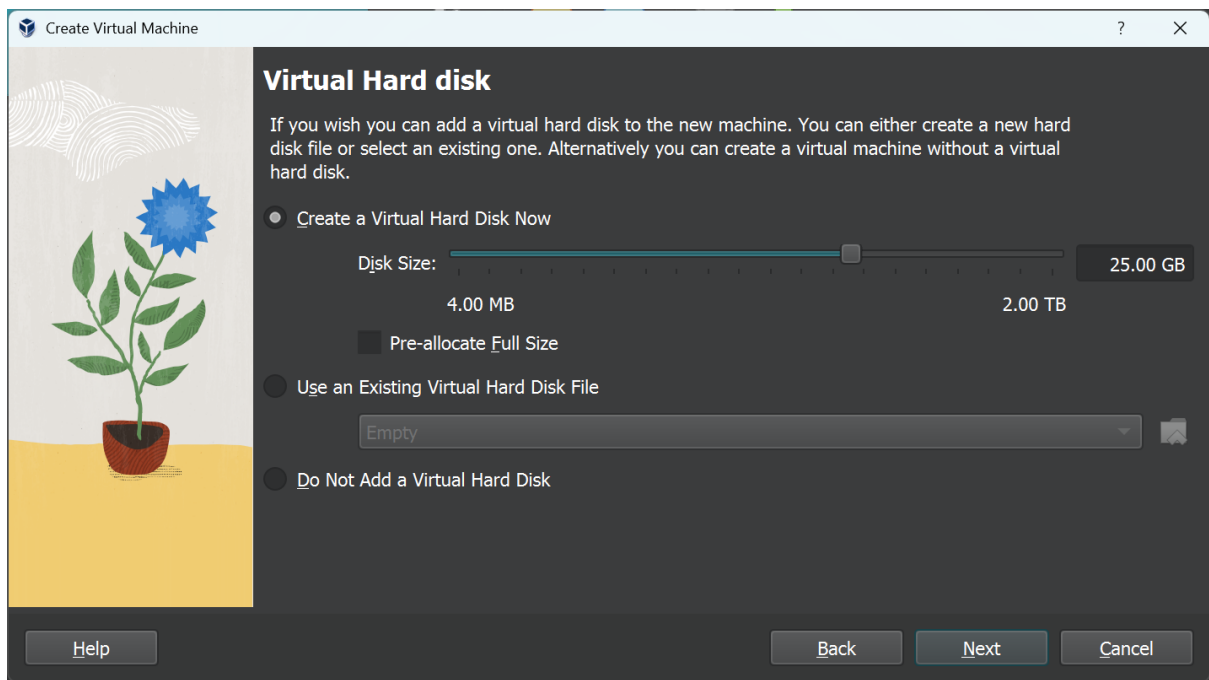STEP 4: Choose the type of clone:

- Full Clone, Linked Clone

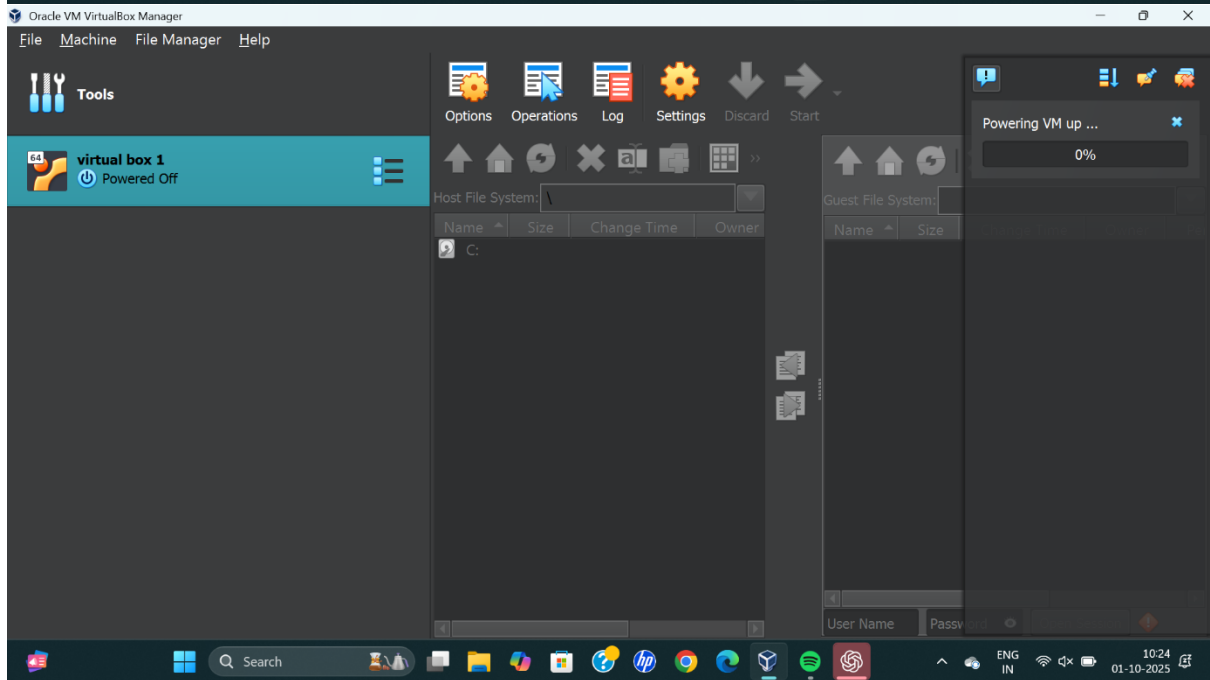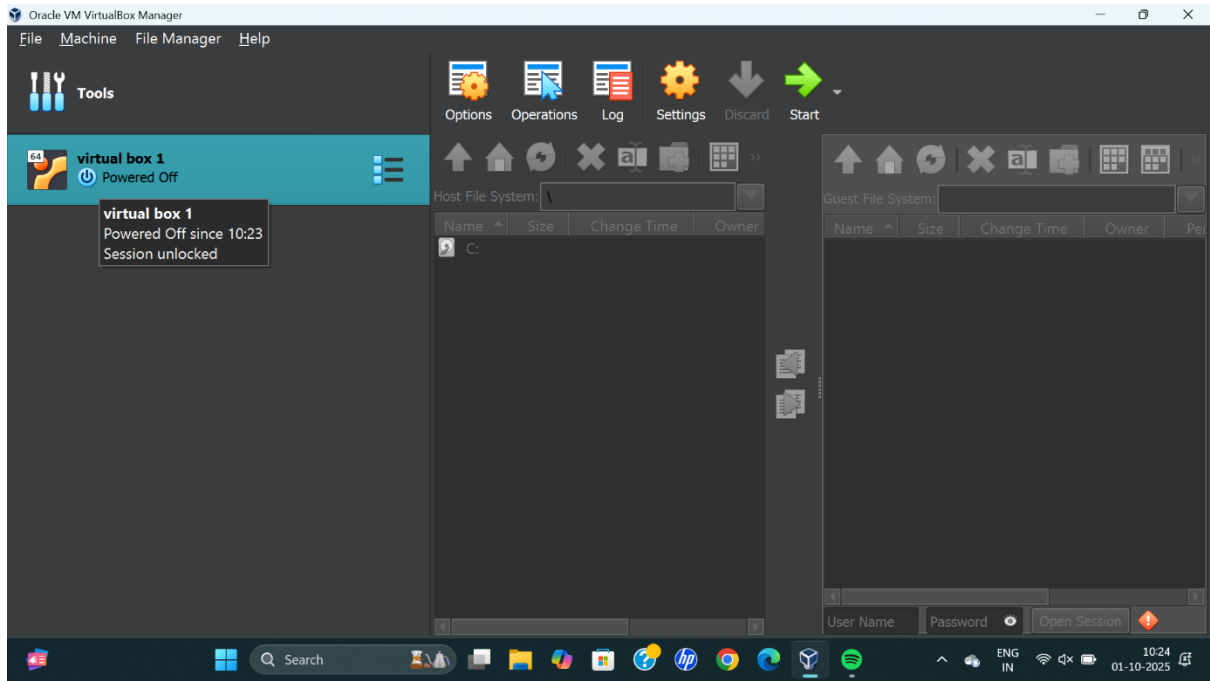STEP 5: Click Clone → Wait for the process to complete.

STEP 6: Start the cloned VM → Verify that it works independently and has the same state as the original VM at the time of cloning.
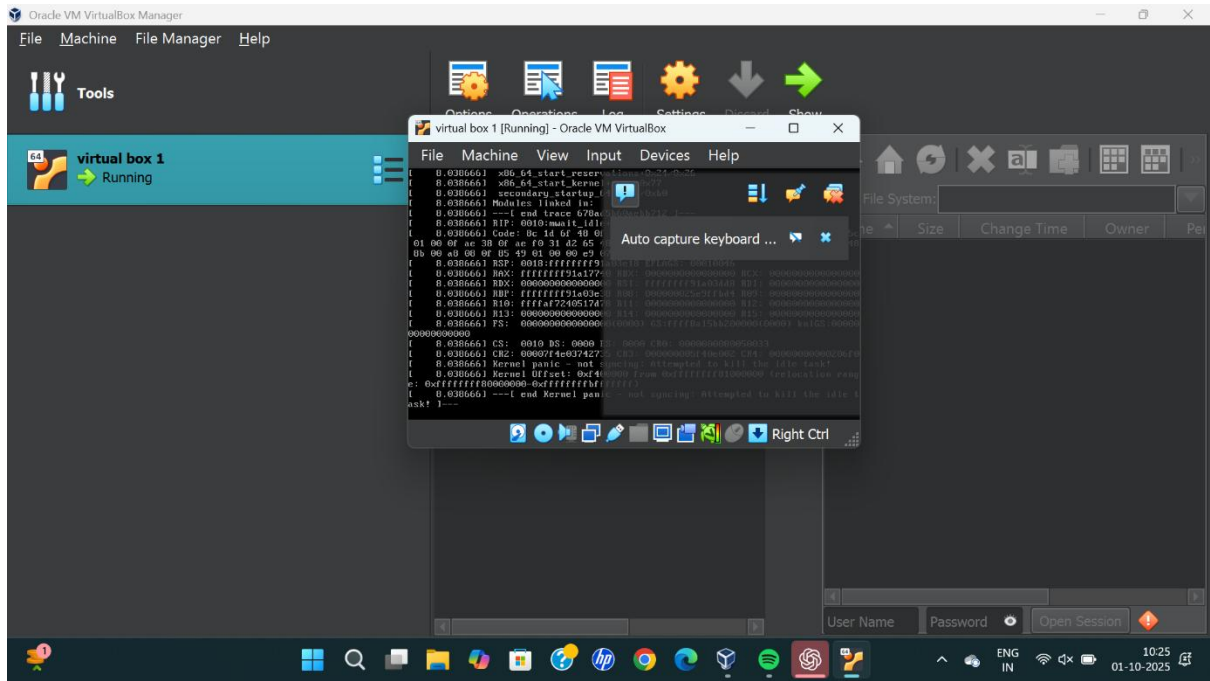
DESIGN:

Oracle VM VirtualBox Manager

File   Machine   Help

Tools
Preferences   Import   Export   New   Add

Welcome to VirtualBox!

The left part of application window contains global tools and lists all virtual machines and virtual machine groups on your computer. You can import, add and create new VMs using corresponding toolbar buttons. You can popup a tools of currently selected element using corresponding element button.

You can press the **F1** key to get instant help, or visit www.virtualbox.org for more information and latest news.

Create Virtual Machine

Virtual machine Name and Operating System

Please choose a descriptive name and destination folder for the new virtual machine. The name you choose will be used throughout VirtualBox to identify this machine. Additionally, you can select an ISO image which may be used to install the guest operating system.

Name: Tarureddy

Folder: C:\Users\btaru\VirtualBox VMs

ISO Image: C:\CSA15 SOFTWARES\ubuntu-18.04.3-desktop-amd64.iso

Edition:

Type: Linux

Version: Ubuntu (64-bit)

☐ Skip Unattended Installation

ⓘ Detected OS type: Ubuntu (64-bit). This OS type can be installed unattendedly. The install will start after this wizard is closed.

Help   Expert Mode   Back   Next   Cancel

Oracle VM VirtualBox Manager

File   Machine   Help

Tools

Create Virtual Machine

Hardware

You can modify virtual machine's hardware by changing amount of RAM and virtual CPU count. Enabling EFI is also possible.

Base Memory: 2048 MB
4 MB   16384 MB

Processors: 1
1 CPU   20 CPUs

☐ Enable EFI (special OSes only)

Help   Back   Next   Cancel

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Create Virtual Machine

Virtual Hard disk

If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select an existing one. Alternatively you can create a virtual machine without a virtual hard disk.

○ Create a Virtual Hard Disk Now

Disk Size: 25.00 GB

4.00 MB   2.00 TB

☐ Pre-allocate Full Size

○ Use an Existing Virtual Hard Disk File

Empty

○ Do Not Add a Virtual Hard Disk

Help   Back   Next   Cancel

Create Virtual Machine

Summary

The following table summarizes the configuration you have chosen for the new virtual machine. When you are happy with the configuration press Finish to create the virtual machine. Alternatively you can go back and modify the configuration.

Machine Name and OS Type	
Machine Name	Tarureddy
Machine Folder	C:/Users/btaru/VirtualBox VMs/Tarureddy
ISO Image	C:/CSA15 SOFTWARES/ubuntu-18.04.3-desktop-amd64.iso
Guest OS Type	Ubuntu (64-bit)
Skip Unattended Install	false
Unattended Install	
Username	vboxuser
Product Key	false
Hostname/Domain Name	Tarureddy.myguest.virtualbox.org
Install in Background	false
Install Guest Additions	false
Hardware	

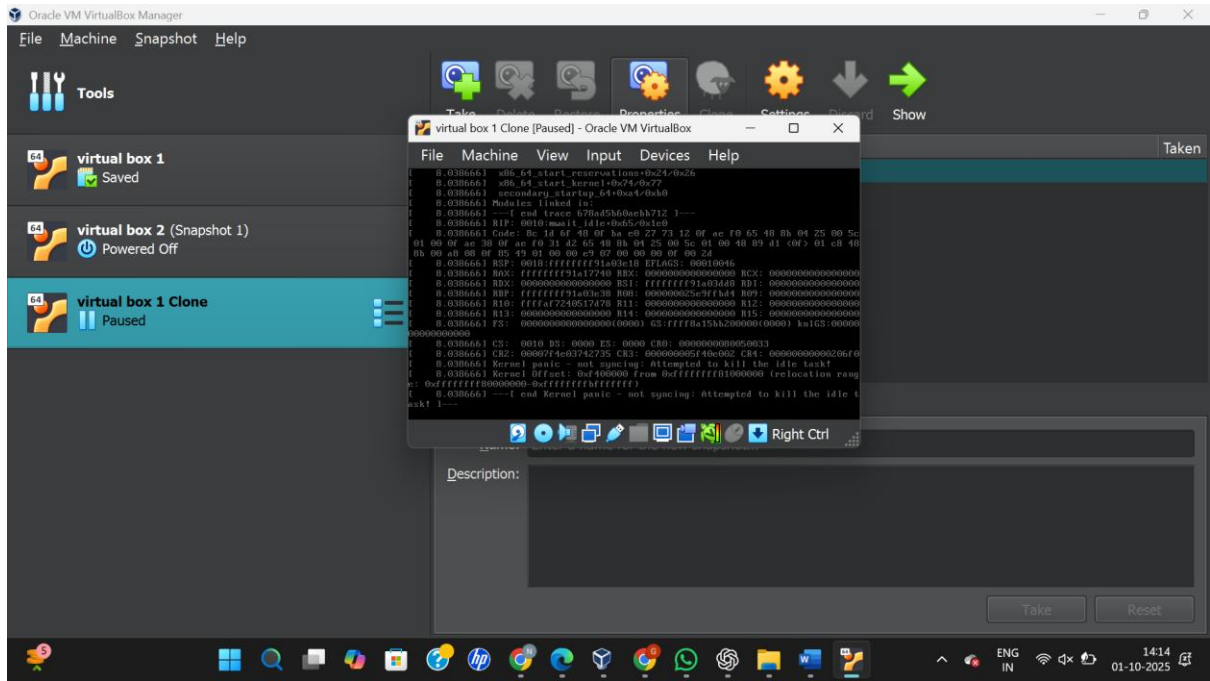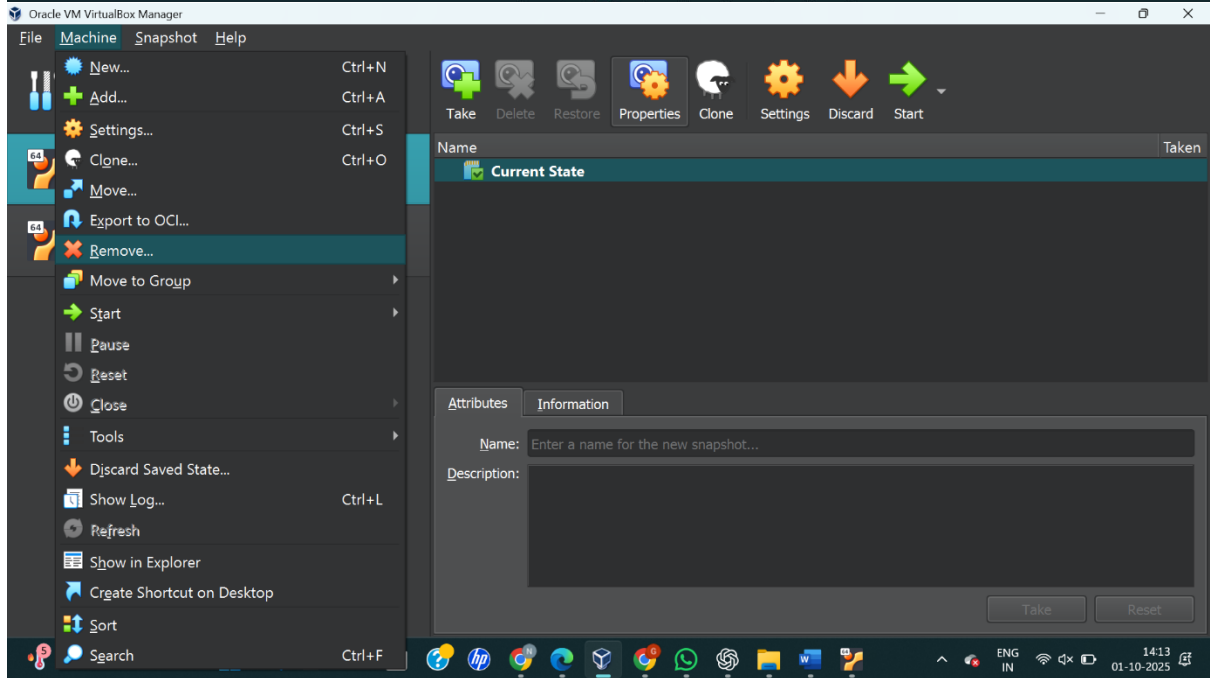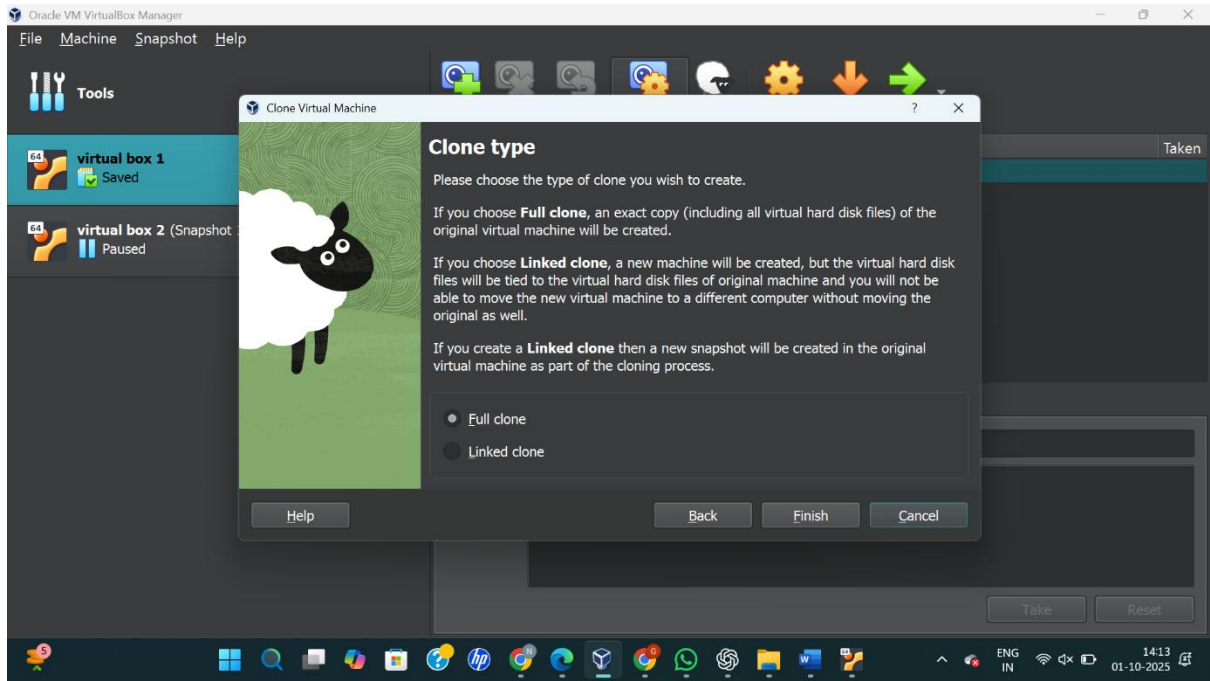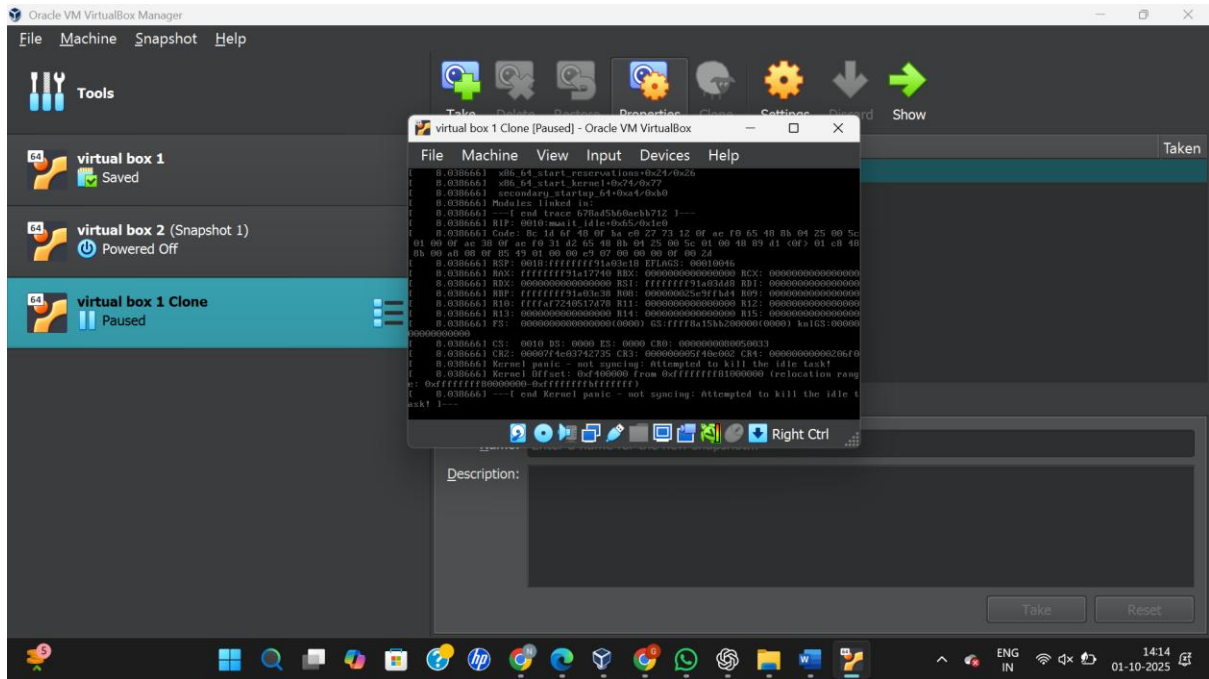Help   Back   Finish   Cancel

RESULT:

A virtual machine was successfully cloned in VirtualBox and tested by starting the cloned VM, confirming it loads correctly with the previous state.