

LAB MANUAL

**CSA1517 - CLOUD COMPUTING AND BIG DATA
ANALYTICS FOR HADOOP APPLICATIONS**

**J KARTHIK
192472136**

EXP NO 9. Create a Snapshot of a VM and Test it by loading the Previous Version/Cloned VM using virtual box.

AIM:

To create a snapshot of a virtual machine in VirtualBox and test it by loading the previous version or cloned VM.

PROCEDURE:

STEP 1: Open Oracle VirtualBox and start the virtual machine you want to snapshot.

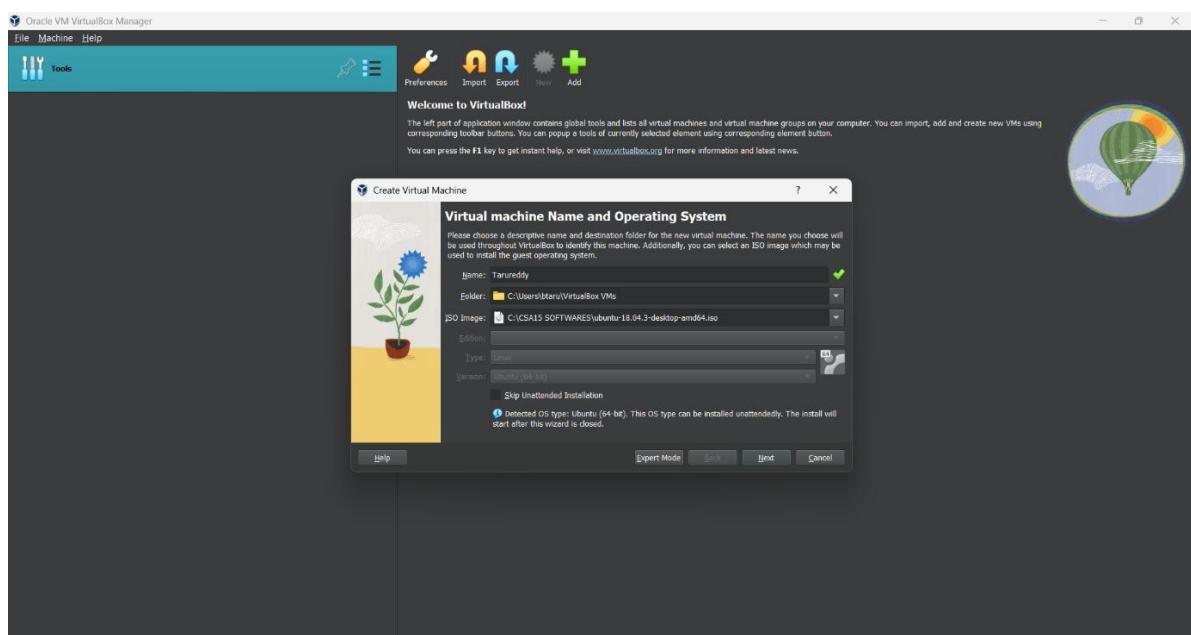
STEP 2: Make some changes inside the VM (e.g., create files on the desktop or install software) to have a test state.

STEP 3: With the VM selected (powered off or running), go to the Snapshots panel → Click Take (or Take Snapshot).

STEP 4: Enter a name and description for the snapshot → Click OK.

STEP 5: To test the snapshot

DESIGN:



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

Processors: 1 CPU

Enable EFI (special OSes only)

Help Back Next Cancel

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

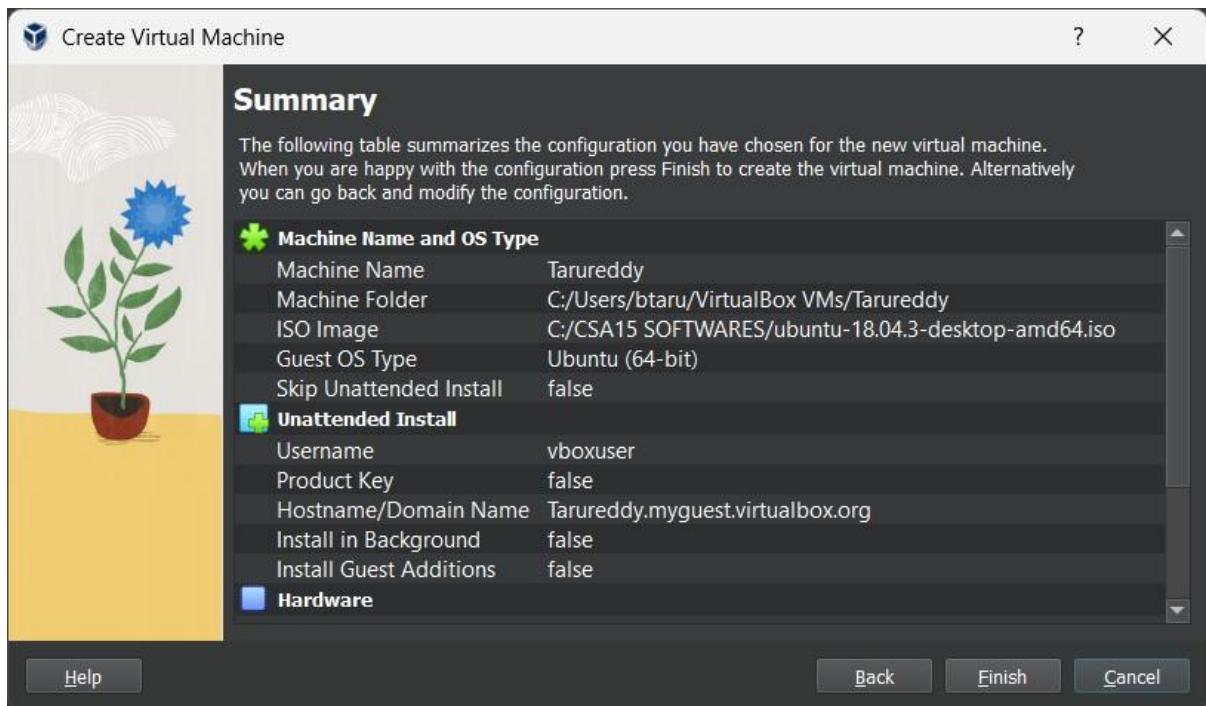
Pre-allocate Full Size

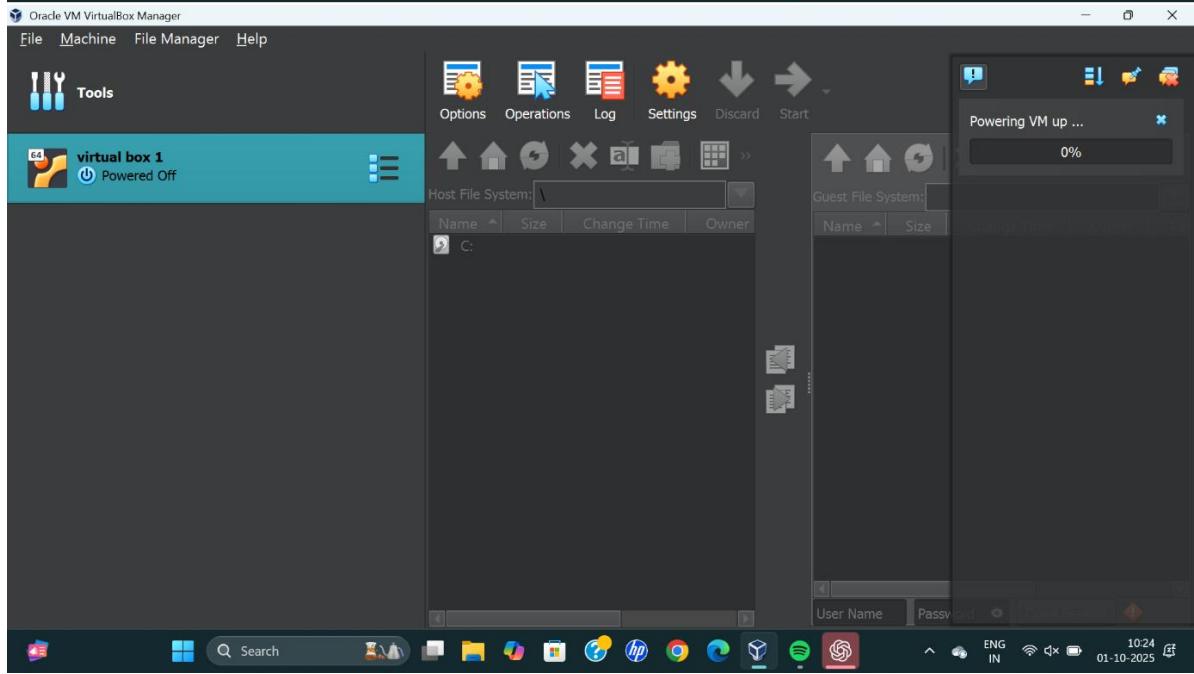
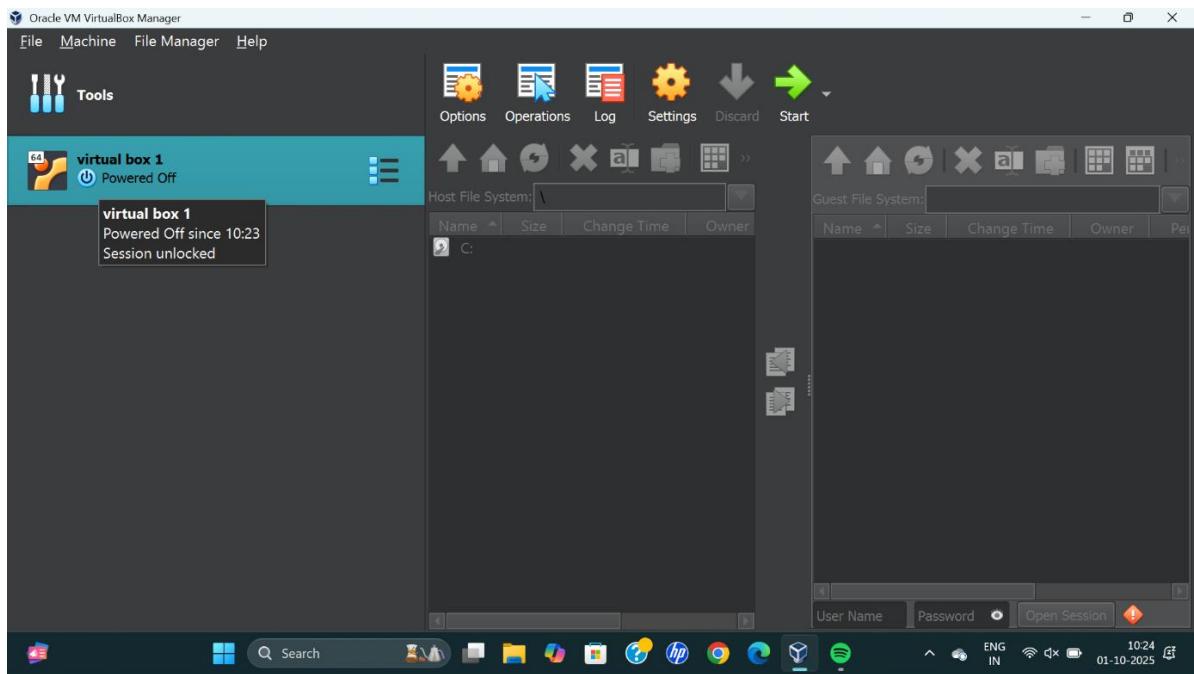
Use an Existing Virtual Hard Disk File

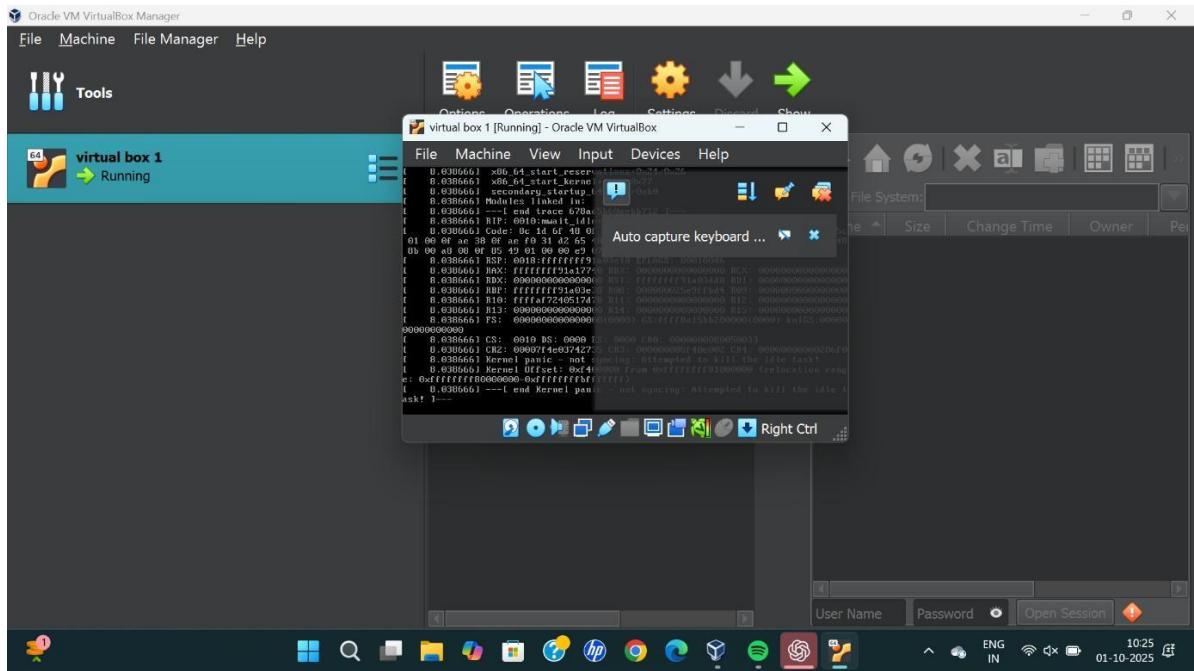
Empty

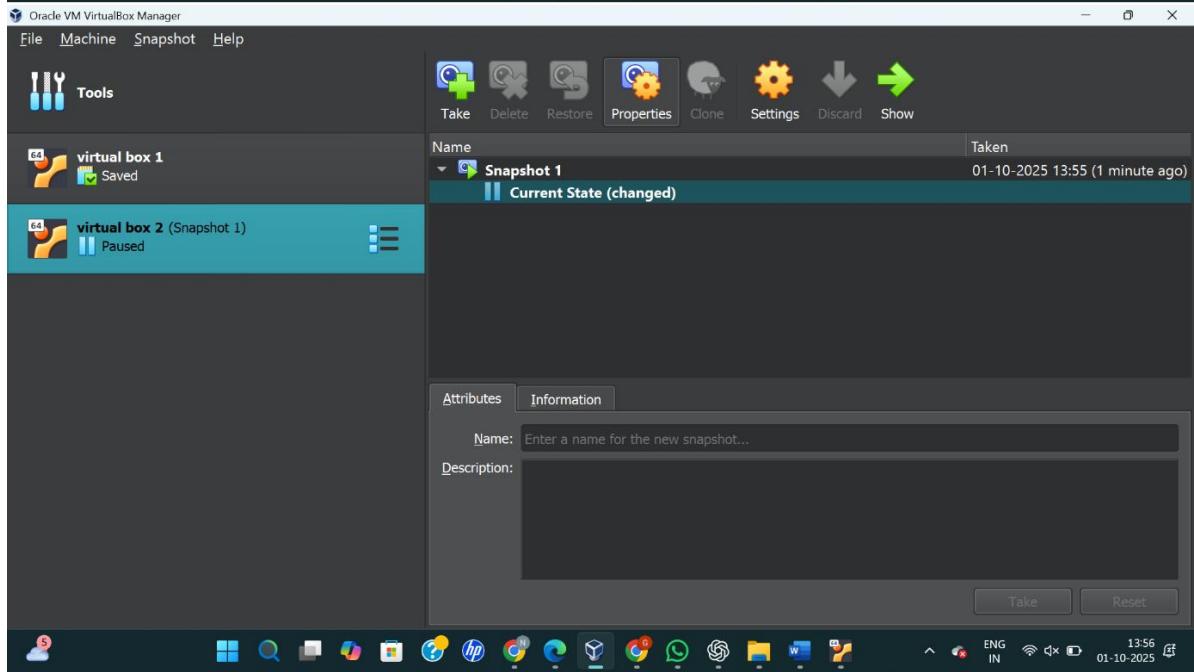
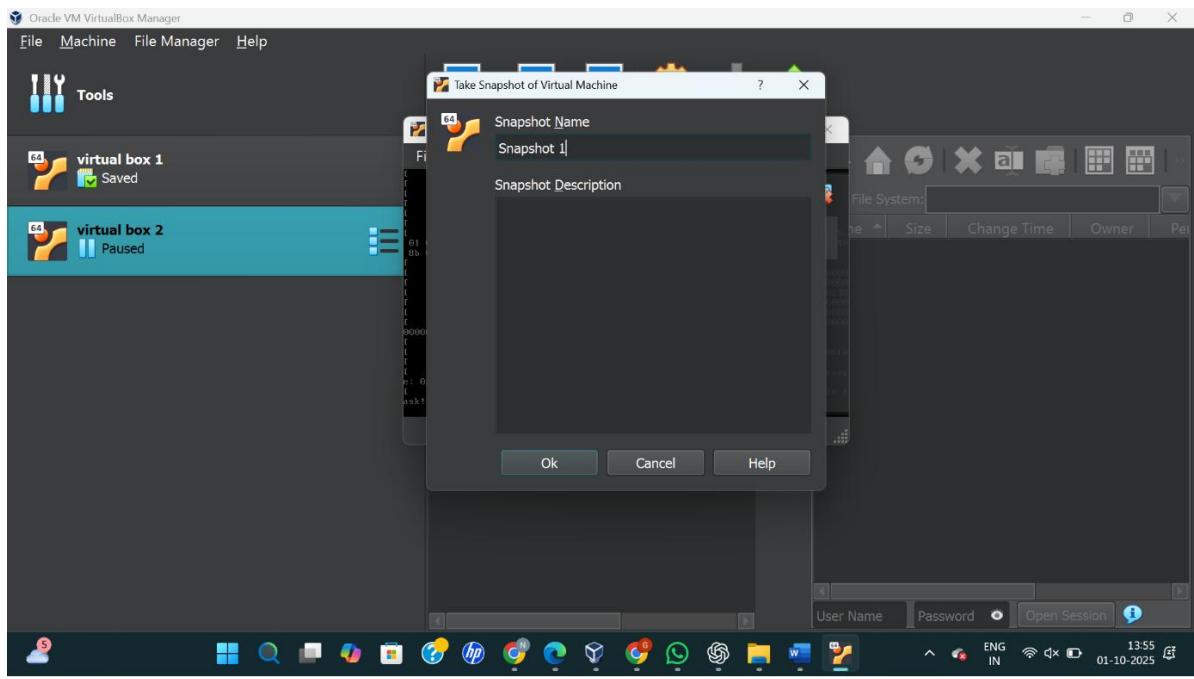
Do Not Add a Virtual Hard Disk

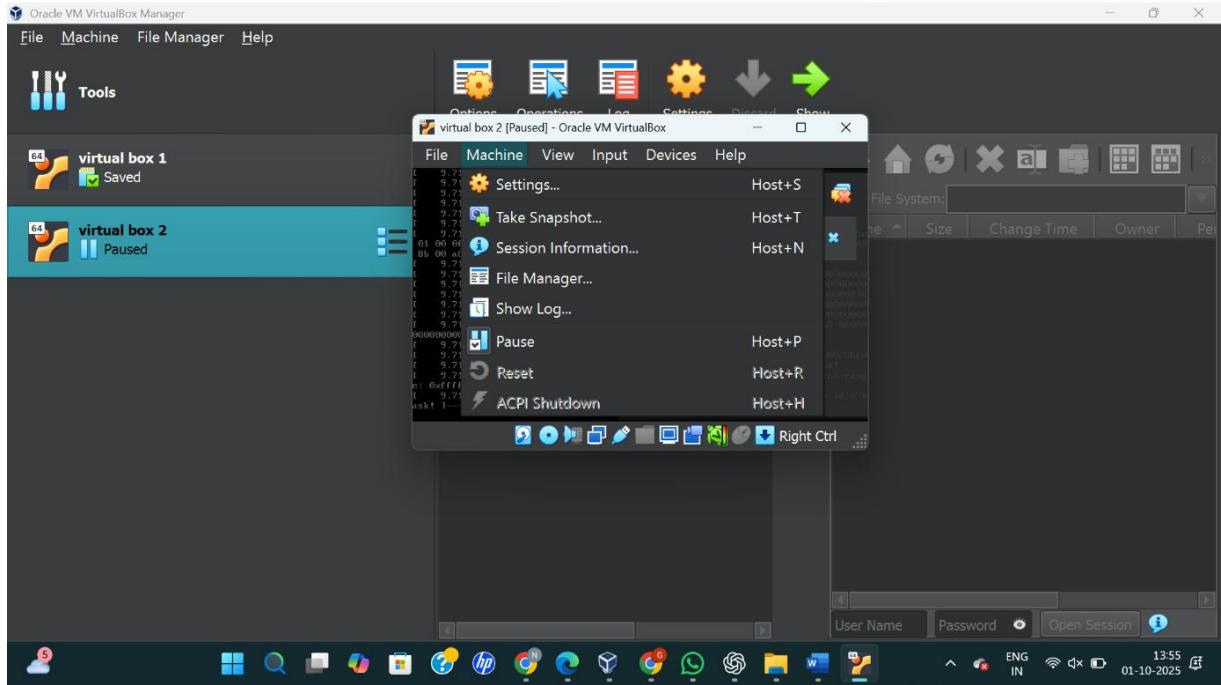
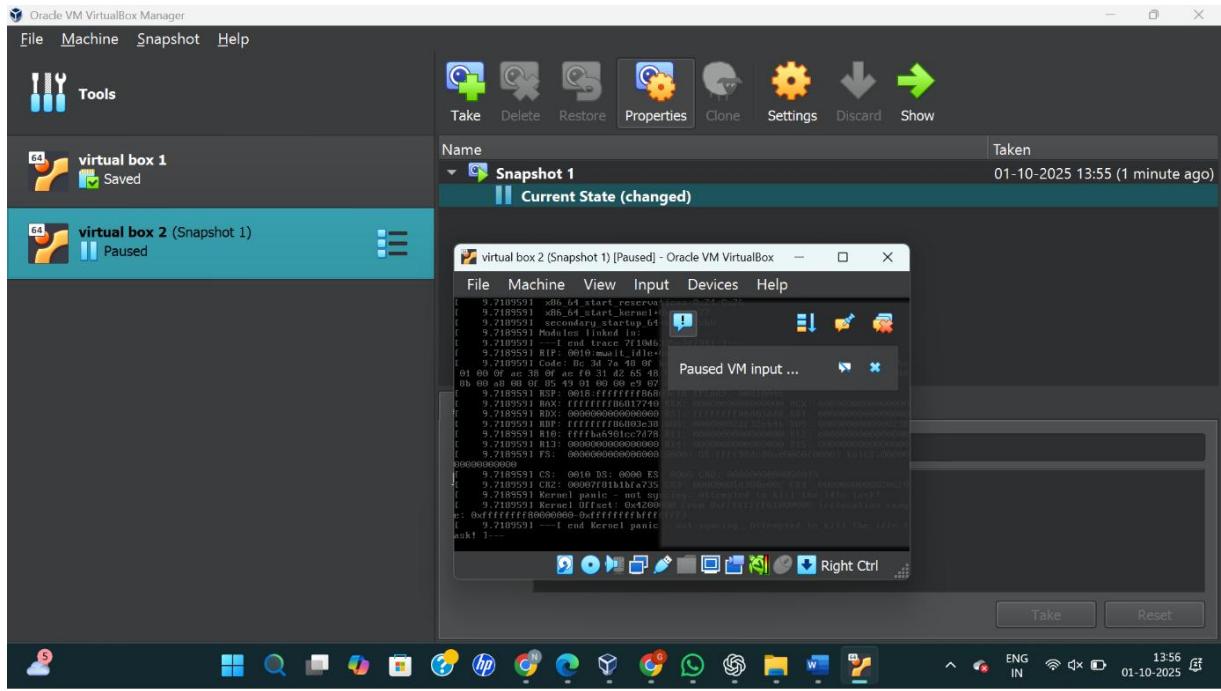
Help Back Next Cancel











RESULT:

A snapshot of the virtual machine was successfully created and tested by restoring the previous state.