

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.

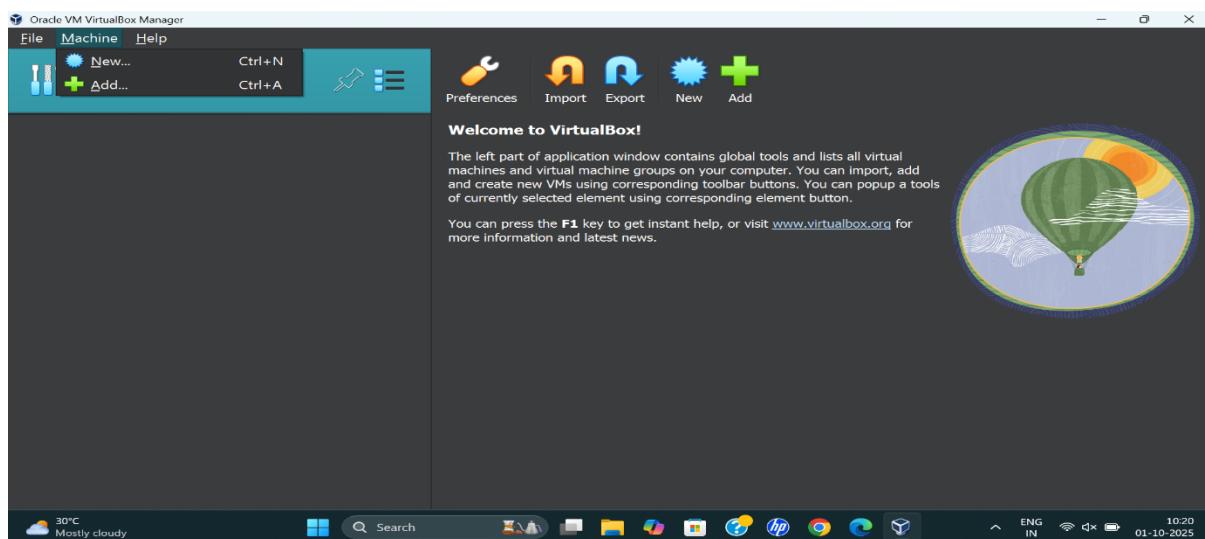
STEP 4: Choose the type of clone:

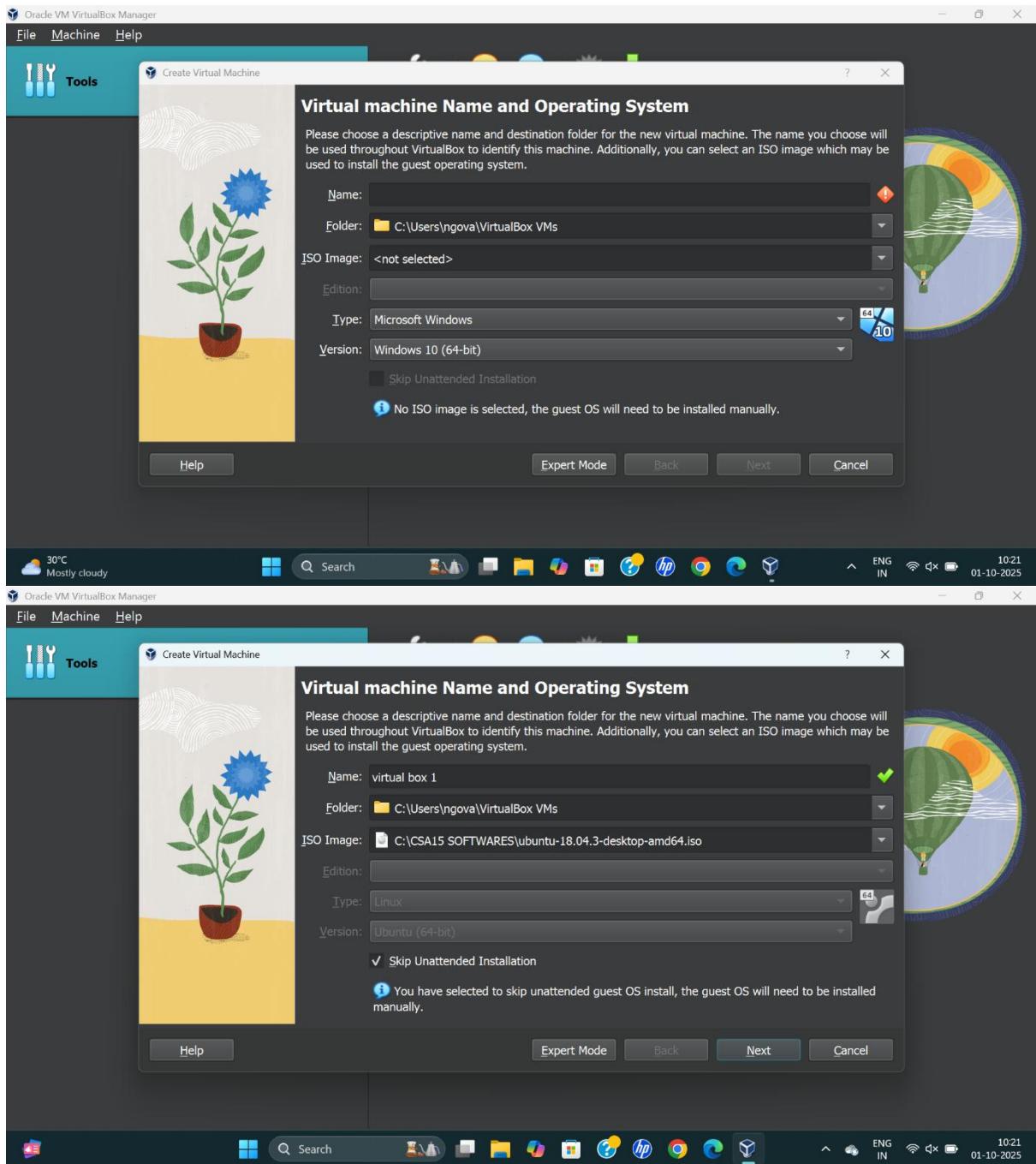
- Full Clone, Linked Clone

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

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 20 CPUs  
1 CPU

Enable EFI (special OSes only)

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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

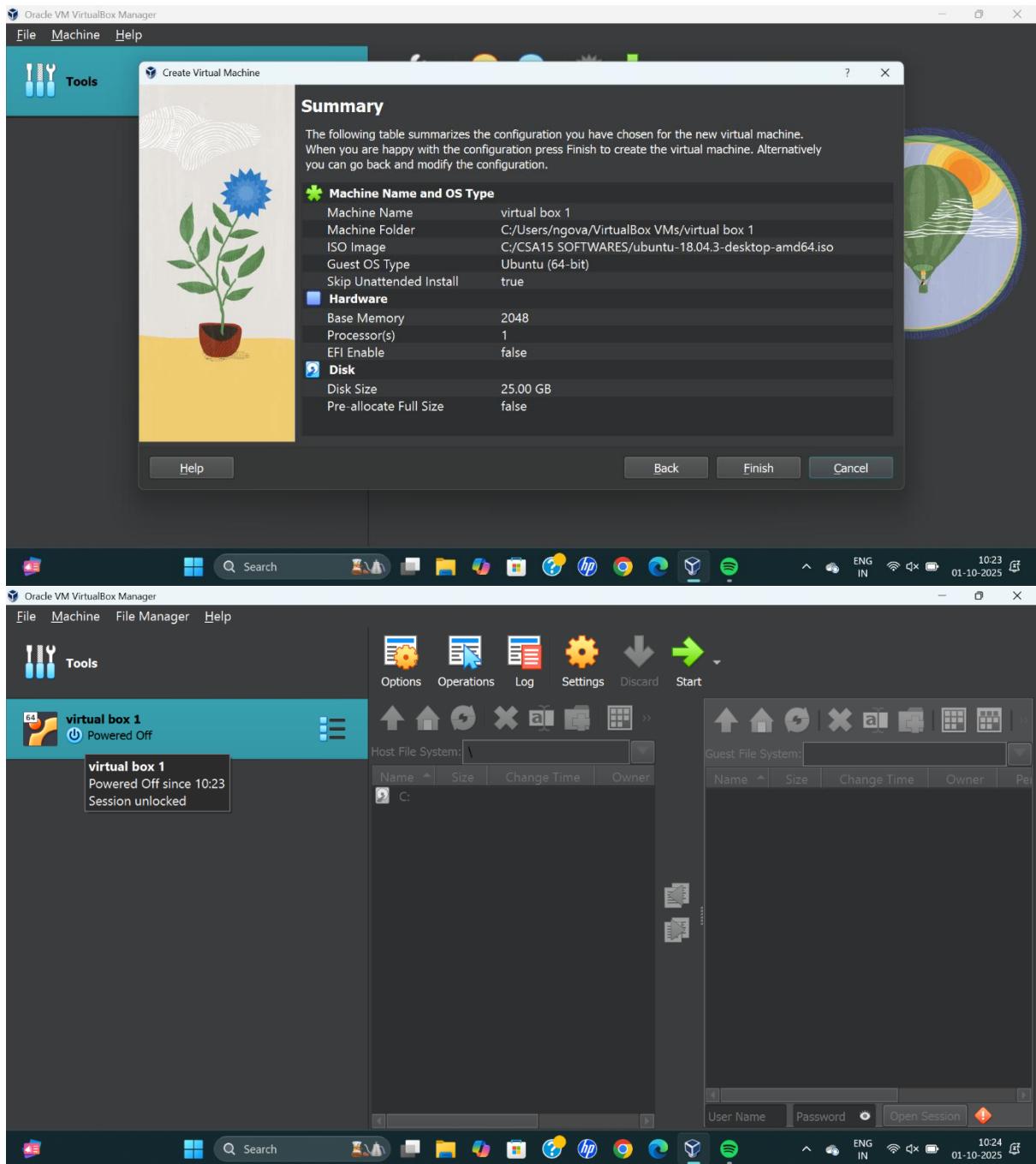
Disk Size:  25.00 GB  
4.00 MB 2.00 TB

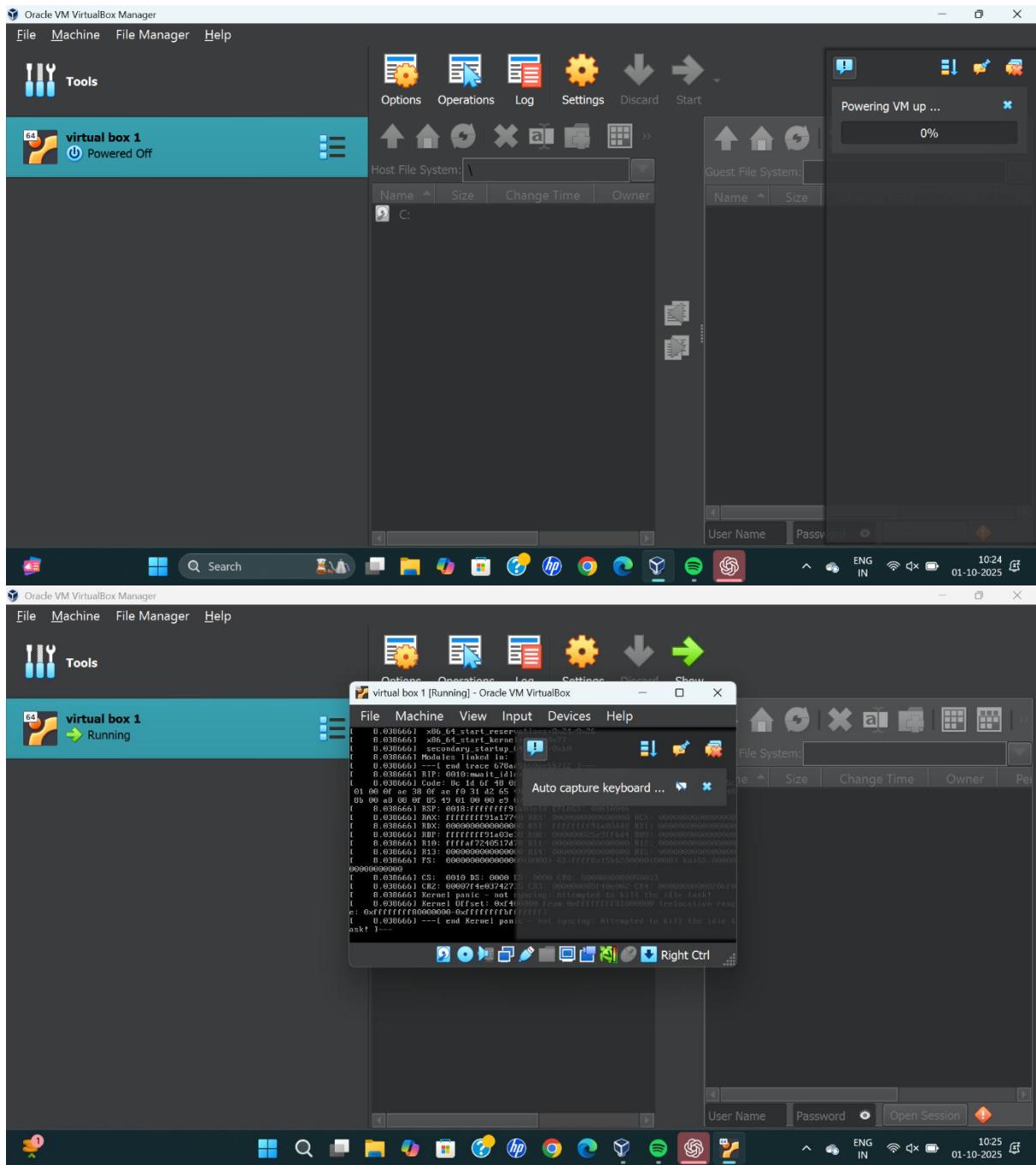
Pre-allocate Full Size

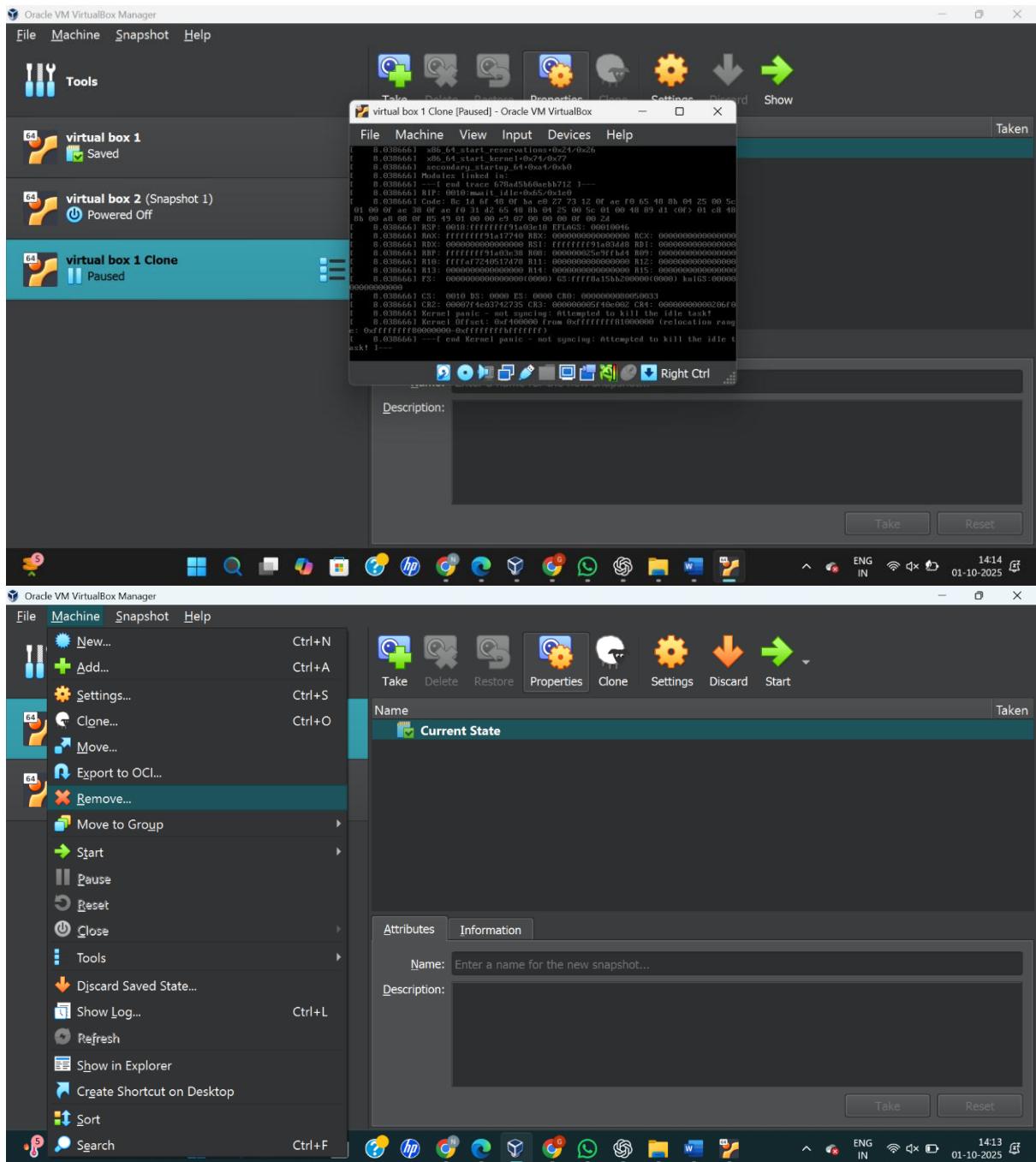
Use an Existing Virtual Hard Disk File  
Empty

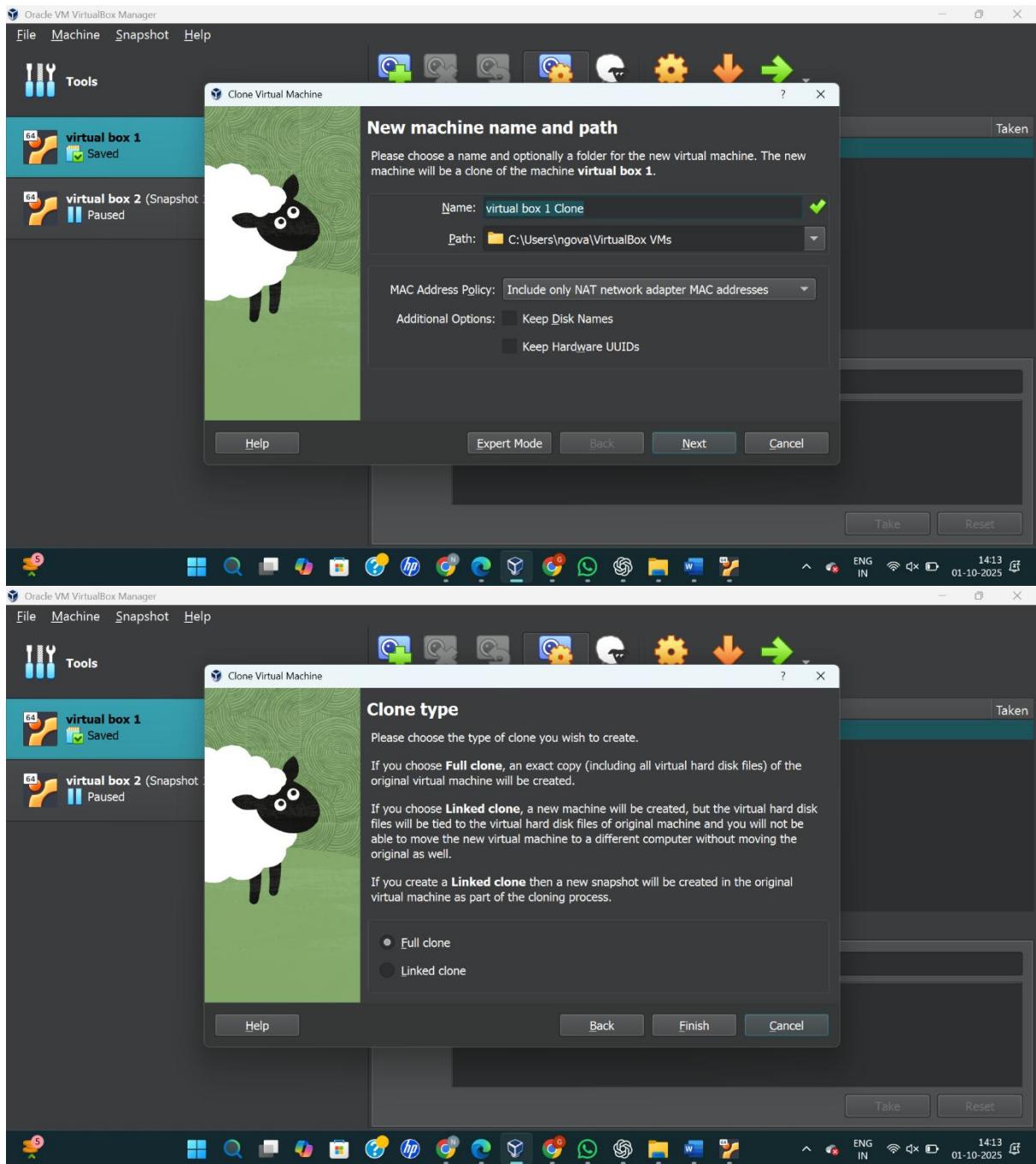
Do Not Add a Virtual Hard Disk

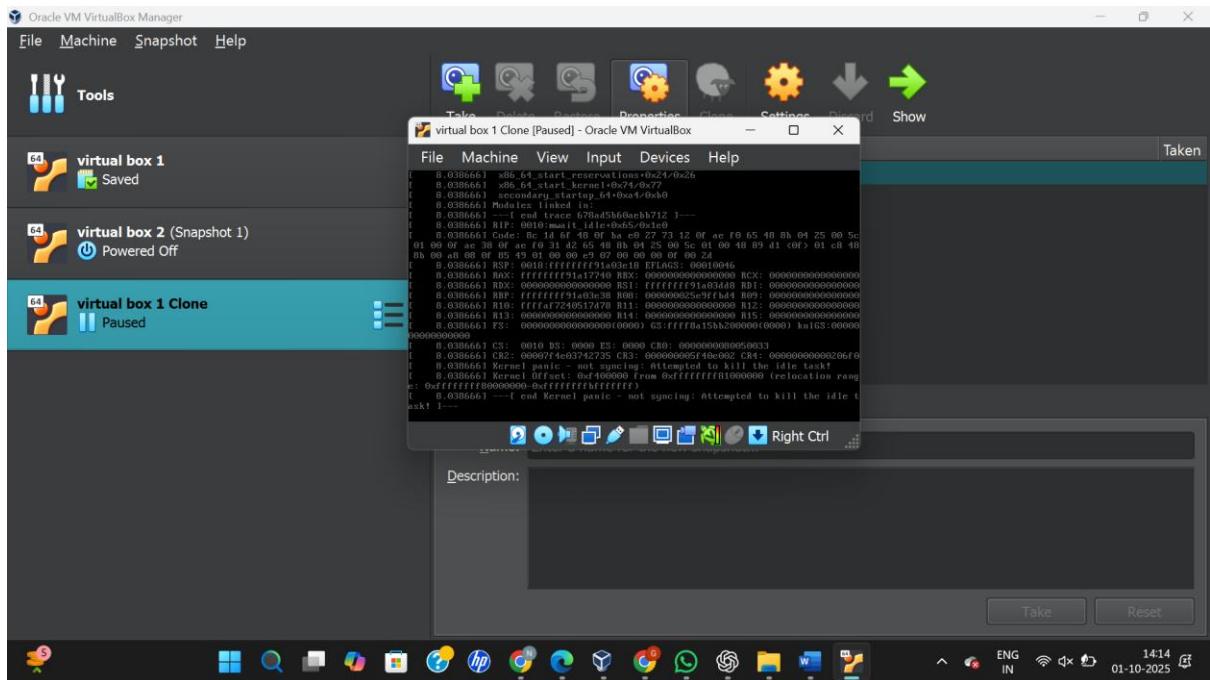
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## RESULT:

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