

LAB MANUAL

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

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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.

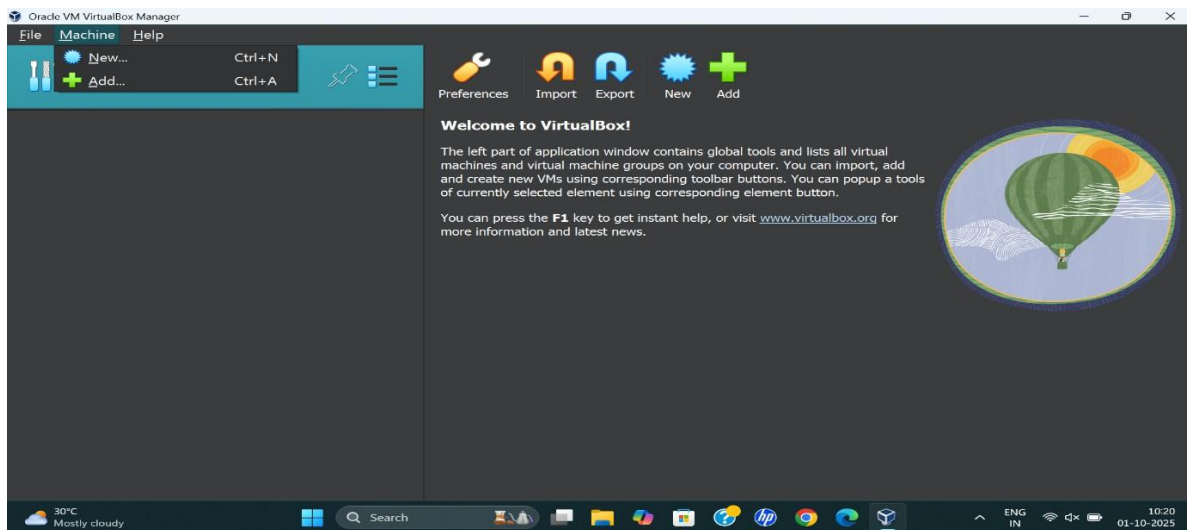
STEP 4: Choose the type of clone:

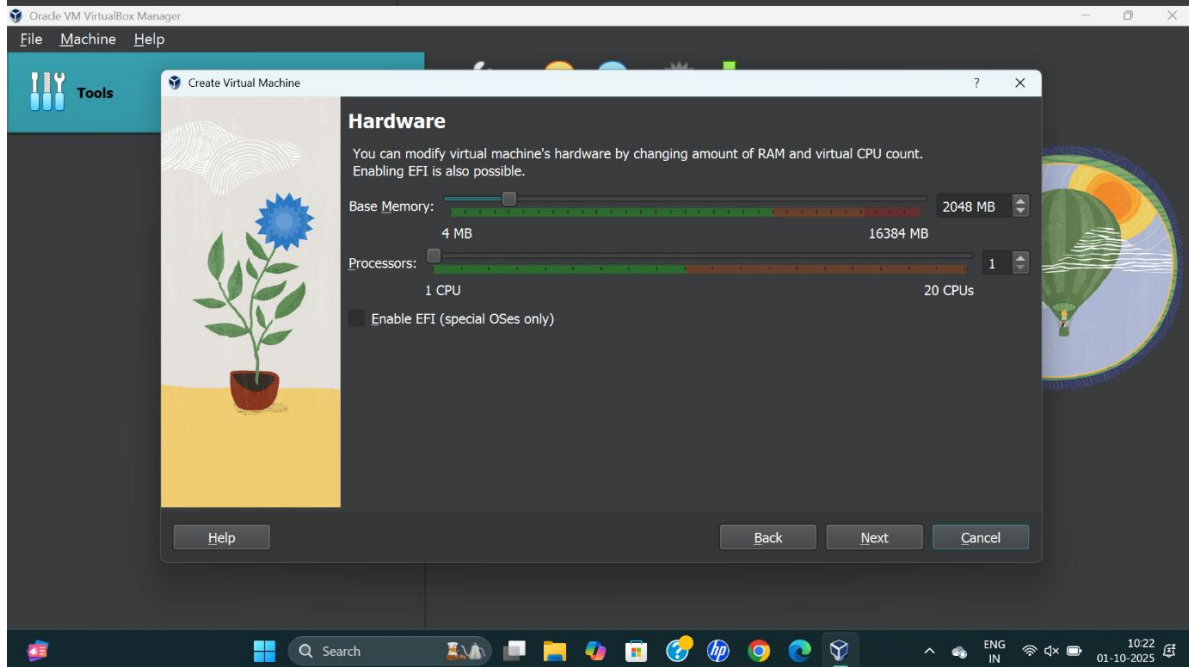
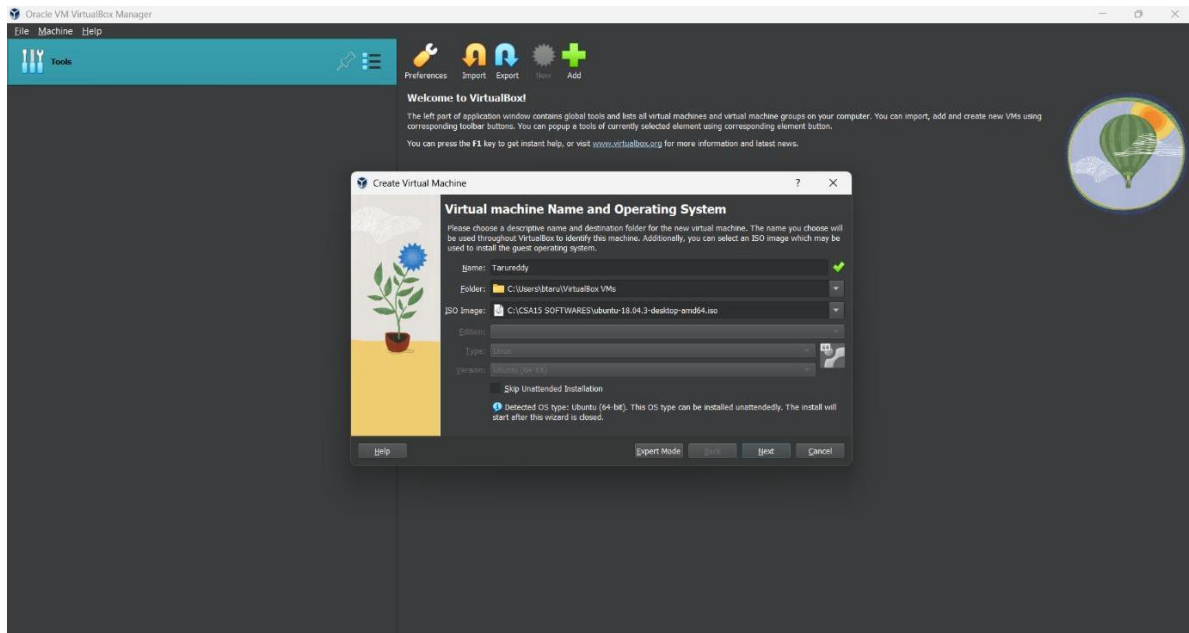
- Full Clone, Linked Clone

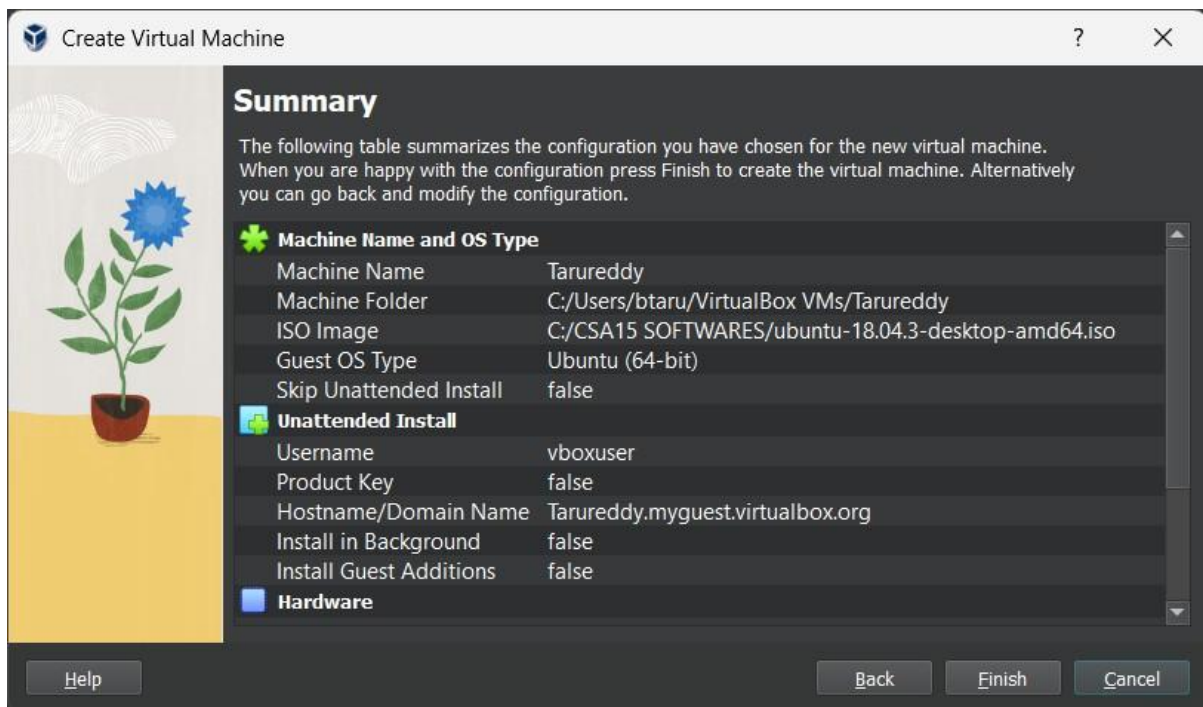
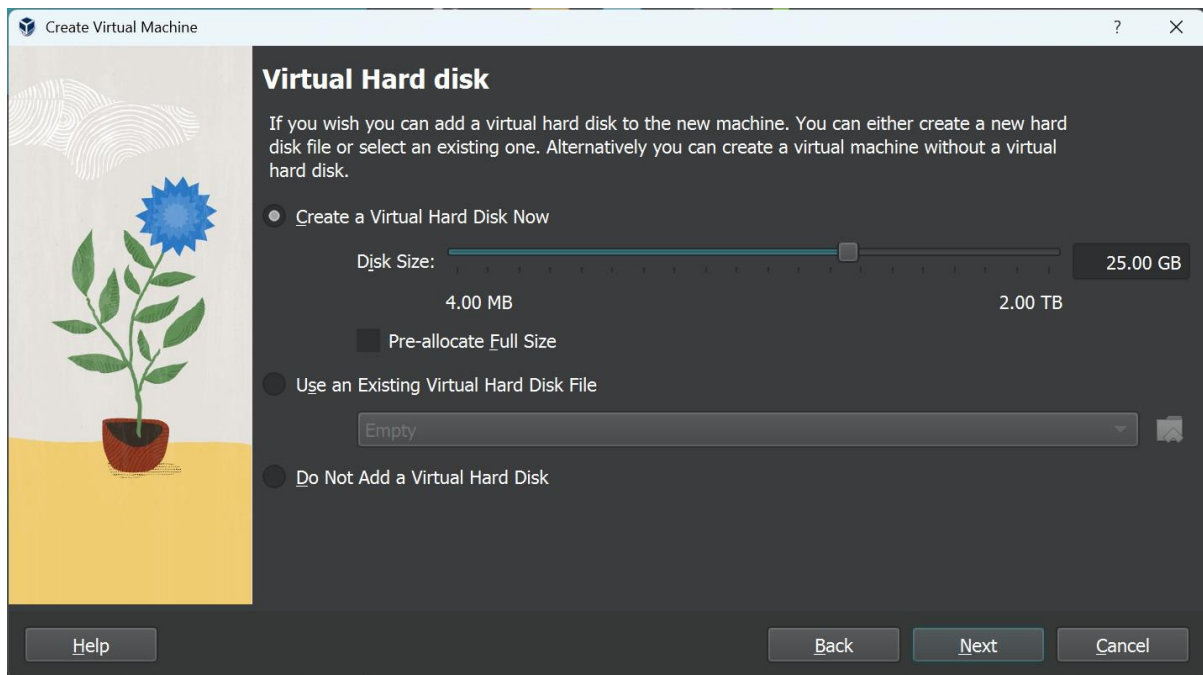
STEP 5: Click Clone → Wait for the process to complete.

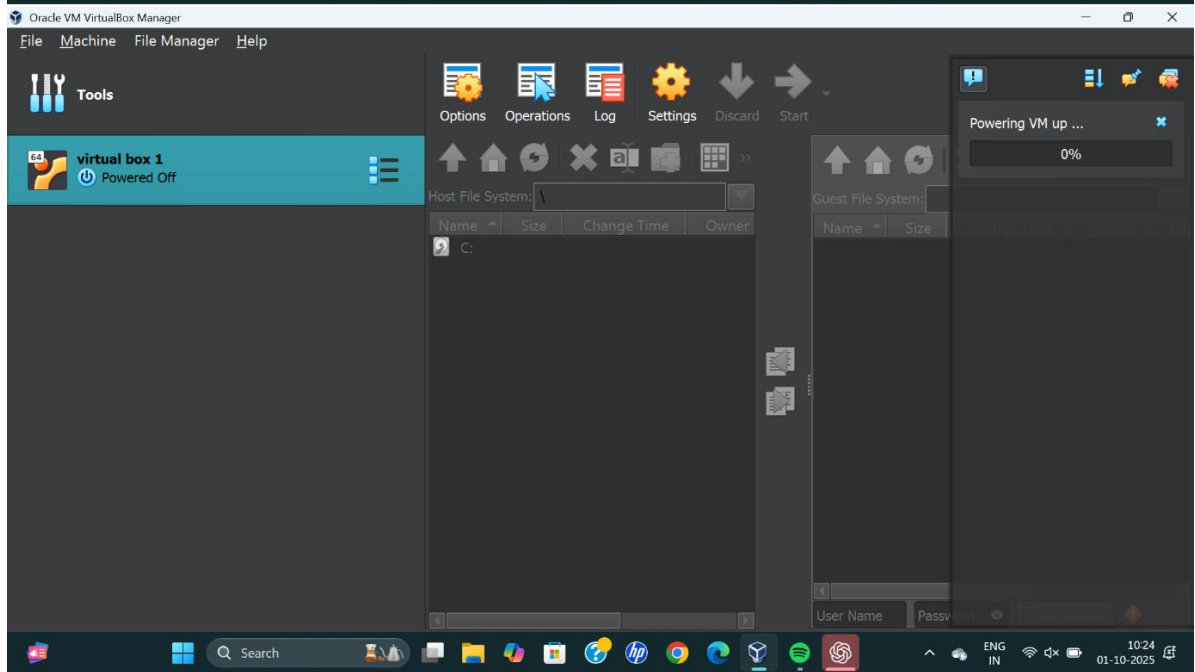
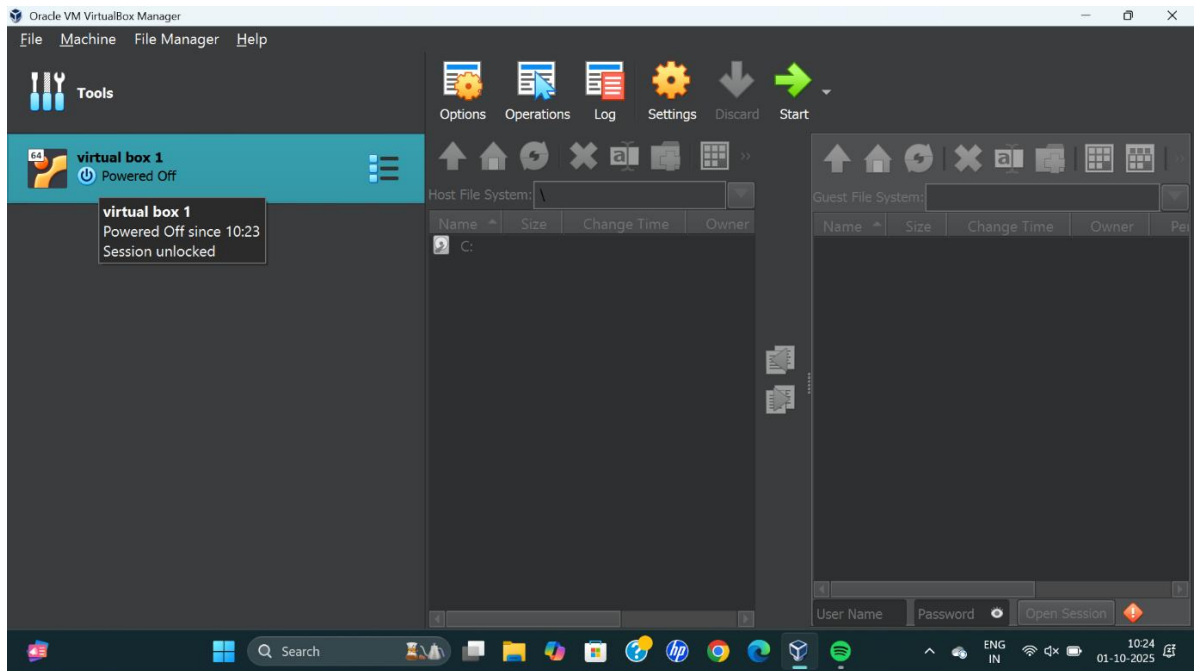
STEP 6: Start the cloned VM → Verify that it works independently and has the same state as the original VM at the time of cloning.

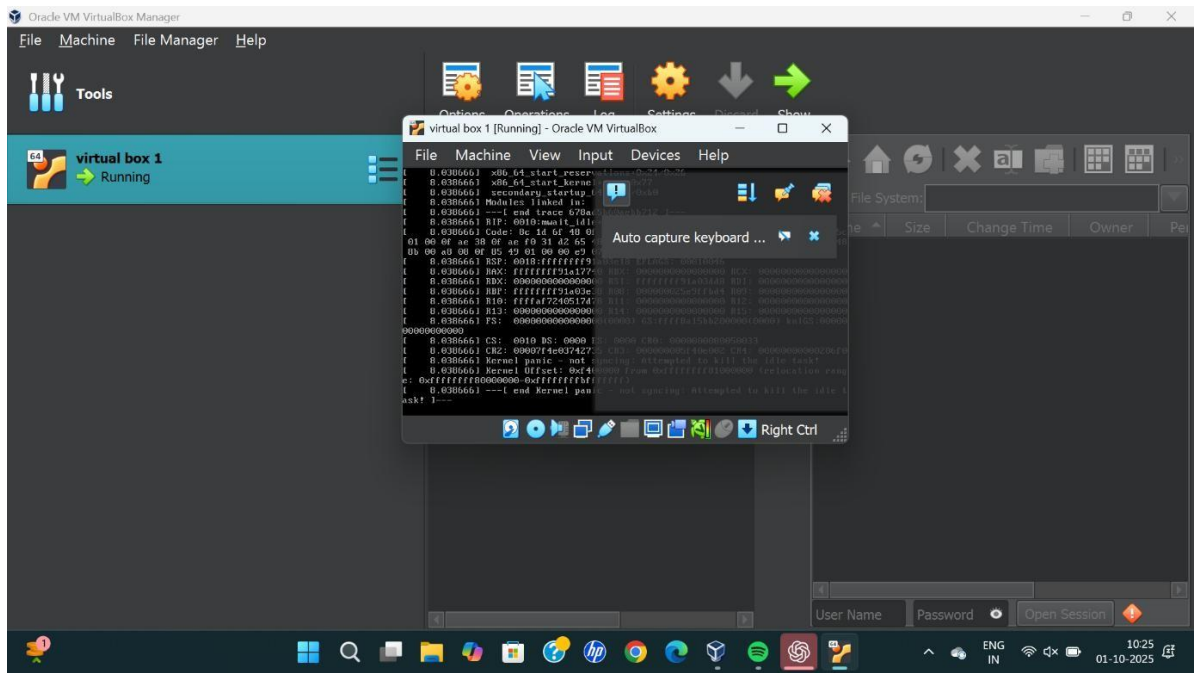
DESIGN:

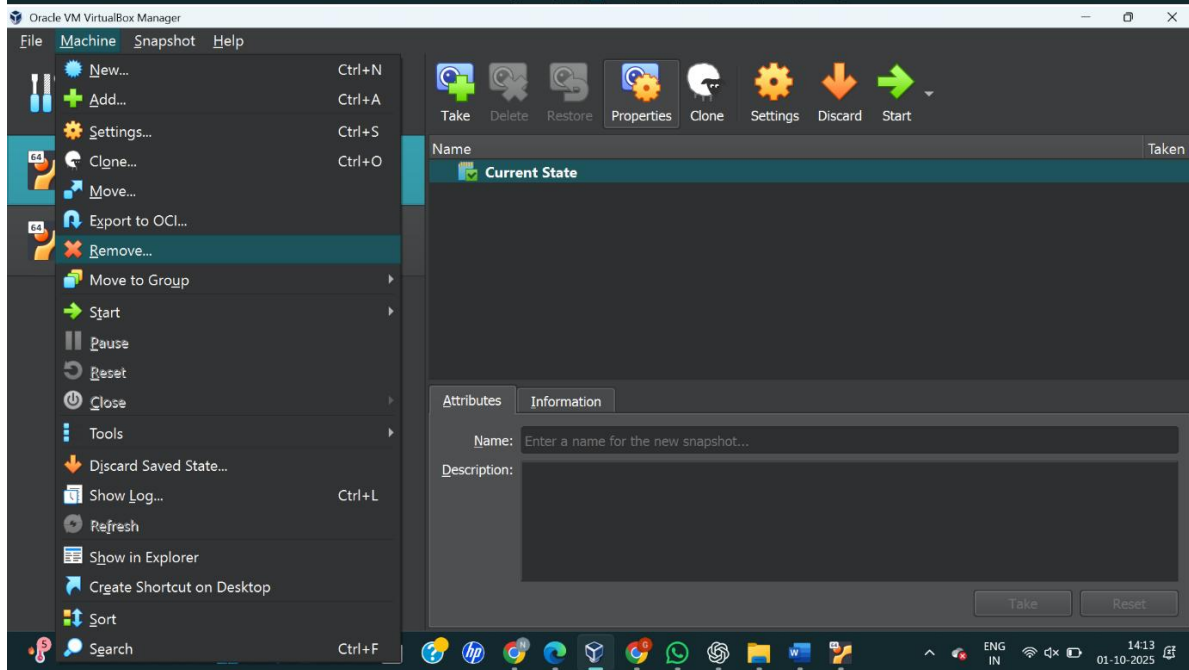
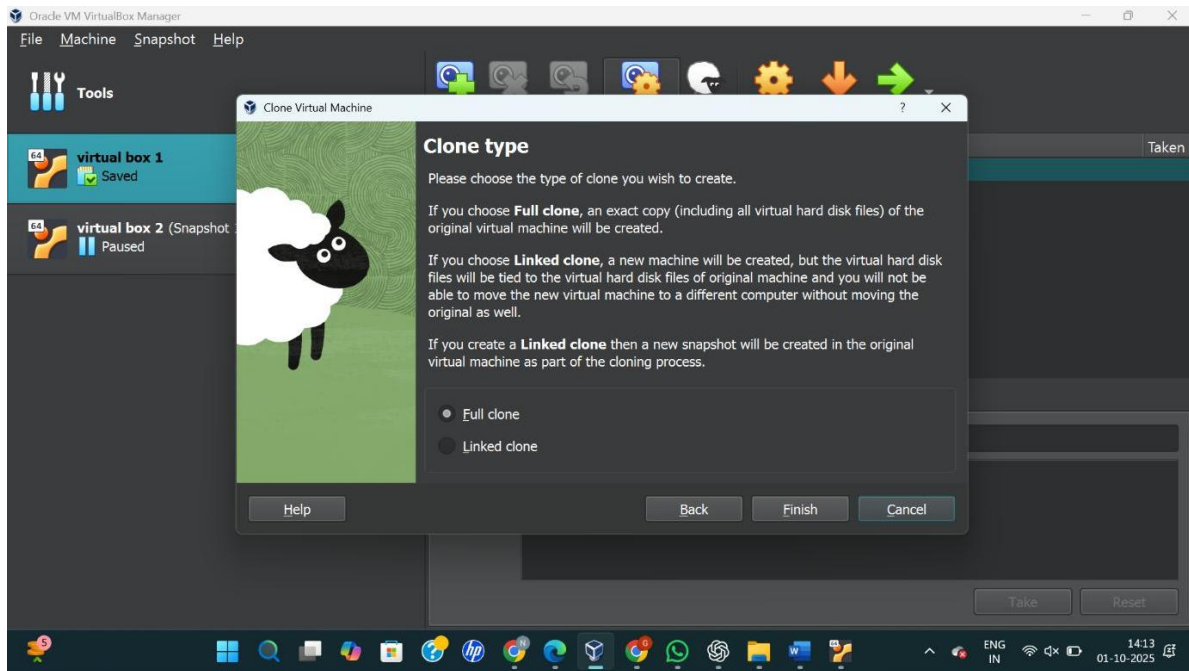


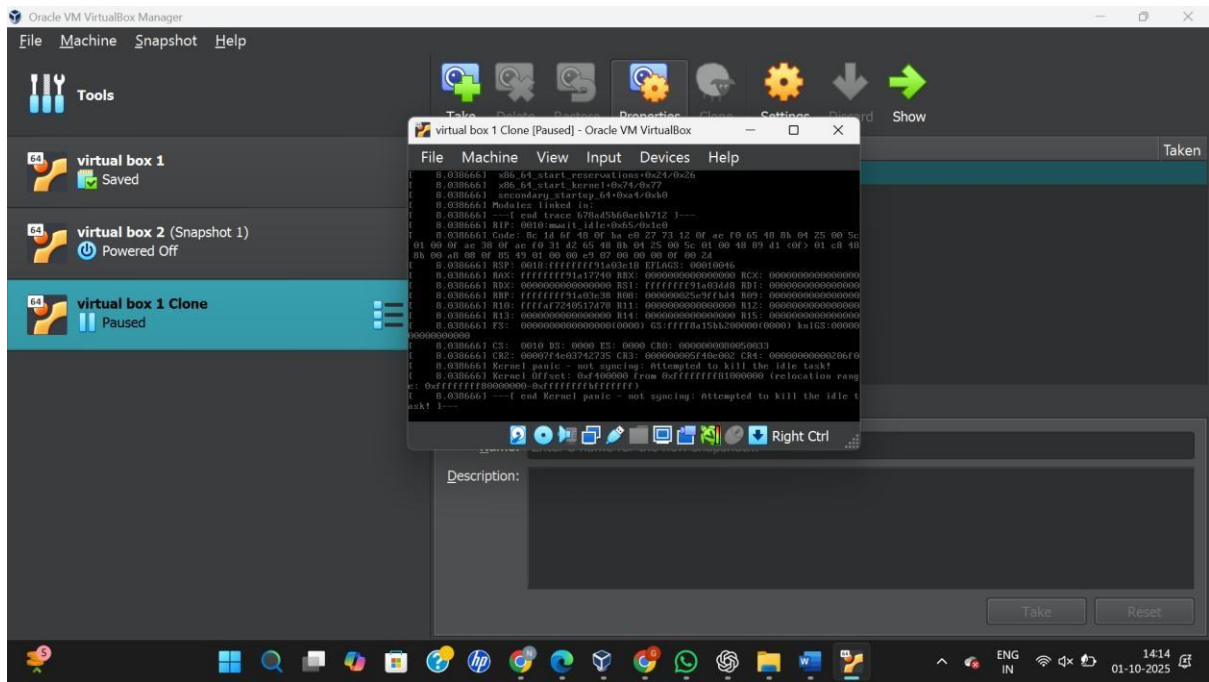












RESULT:

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