LAB MANUAL

CSA1517 - CLOUD COMPUTING AND BIG DATA ANALYTICS FOR HADOOP APPLICATIONS

J KARTHIK
192472136

EXP NO 11. Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured, using virtual box.

AIM:

To change the hardware compatibility of a virtual machine (either by cloning or creating a new one) which is already created and configured, using Oracle VirtualBox.

PRODEDURE:

STEP 1: Open Oracle VirtualBox and select the already created virtual machine.

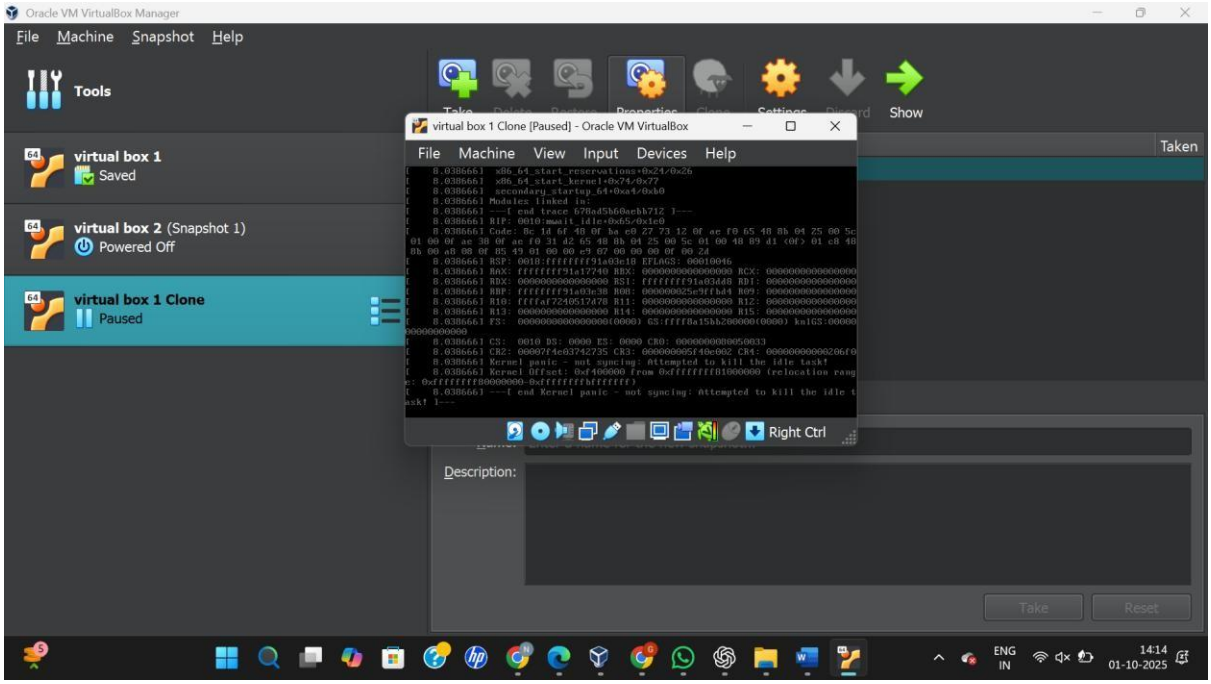
STEP 2: Right-click on the VM → Click Settings.

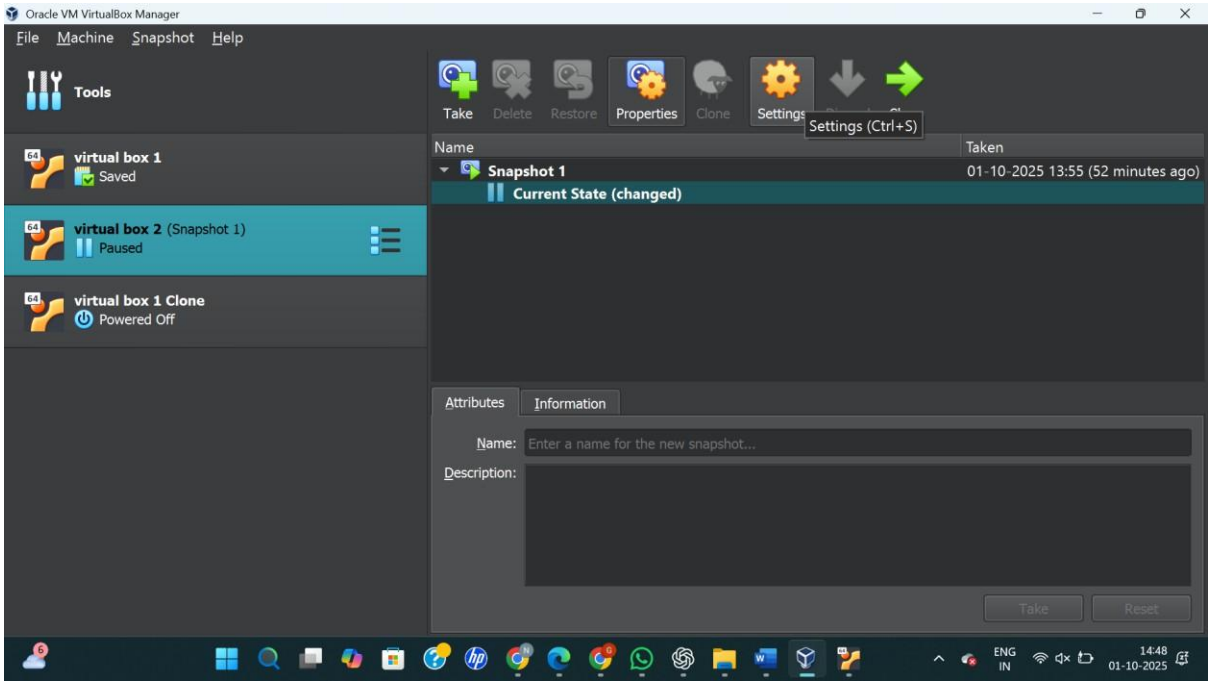
STEP 3: Change the hardware compatibility settings

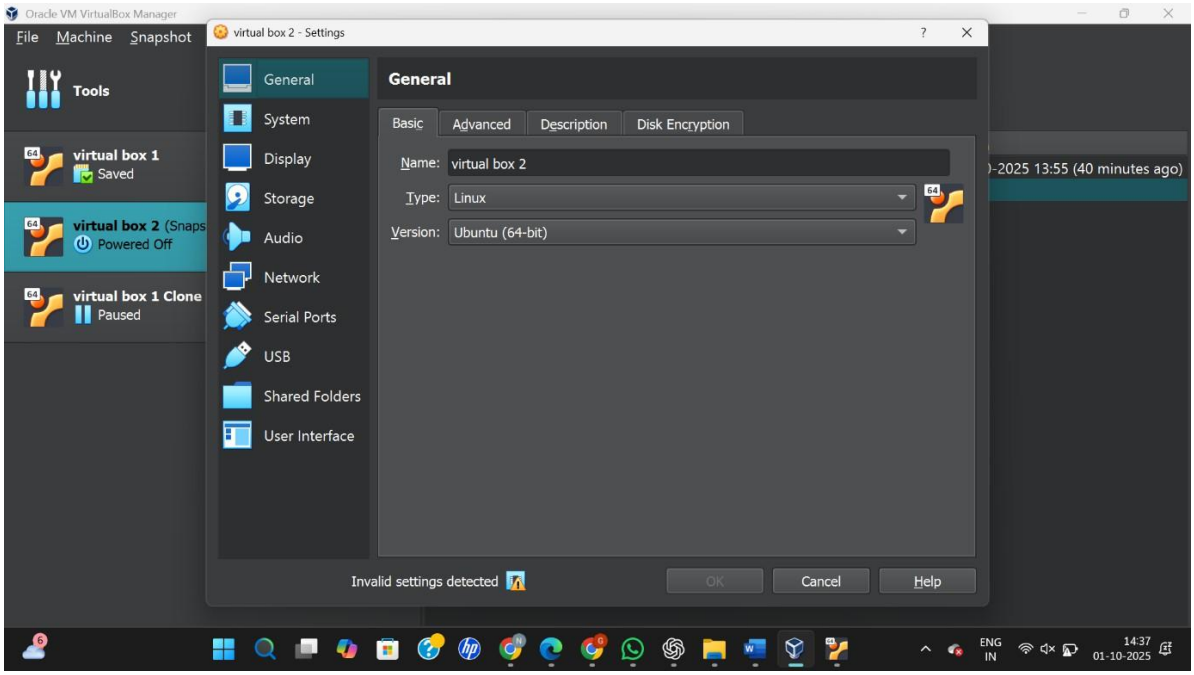
STEP 4: Save the configuration and start the VM.

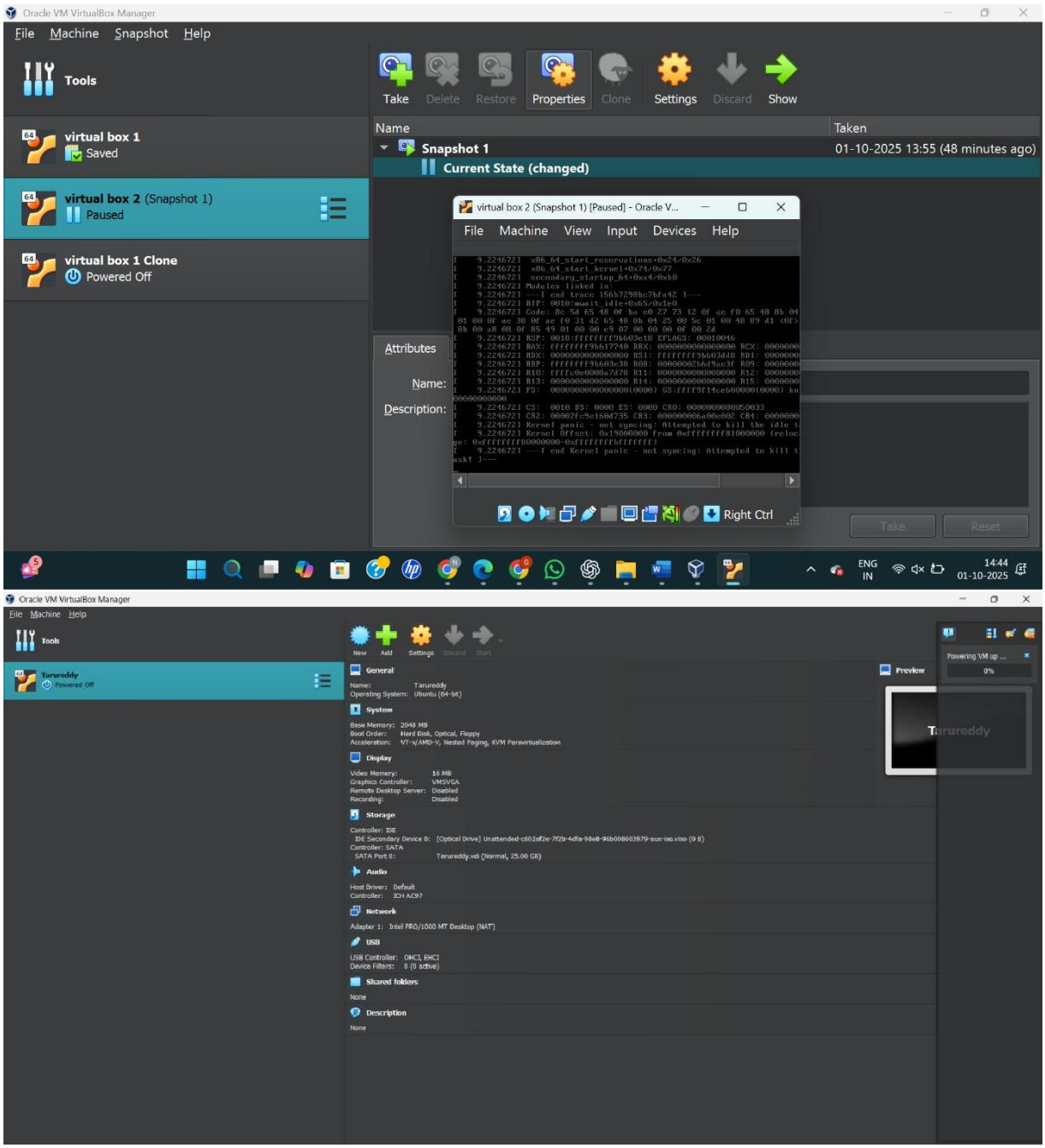
STEP 5: Verify that the VM runs correctly with the updated hardware compatibility

DESIGN:




Oracle VM VirtualBox Manager
File Machine Snapshot Help
Tools
virtual box 1
Saved
virtual box 2 (Snapshot 1)
Paused
virtual box 1 Clone
Powered Off
Take Delete Restore Properties Clone Settings
Settings (Ctrl+S)
Name
Taken
Snapshot 1
01-10-2025 13:55 (52 minutes ago)
Current State (changed)
Attributes Information
Name: Enter a name for the new snapshot...
Description:
Take Reset
ENG IN
14:48
01-10-2025


Oracle VM VirtualBox Manager
File Machine Snapshot
virtual box 2 - Settings
Tools
virtual box 1
Saved
virtual box 2 (Snaps
Powered Off
virtual box 1 Clone
Paused
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
General
Basic Advanced Description Disk Encryption
Name: virtual box 2
Type: Linux
Version: Ubuntu (64-bit)
-2025 13:55 (40 minutes ago)
Invalid settings detected
OK Cancel Help
ENG IN
14:37
01-10-2025



RESULT:

The hardware compatibility of the VM was successfully changed by modifying its configuration or cloning it in Oracle VirtualBox.