

LAB MANUAL

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

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EXP NO 8. Create a Virtual Hard Disk and allocate the storage using virtual box.

DATE:

AIM:

To create a virtual hard disk and allocate the storage using Oracle VirtualBox (Type-2 Hypervisor).

PROCEDURE:

STEP 1: Open Oracle VirtualBox and select the virtual machine where you want to add a new hard disk.

STEP 2: Right-click on the VM and select Settings.

STEP 3: Go to Storage → Click on the Controller (SATA/SCSI/IDE) → Click Add Hard Disk.

STEP 4: In the wizard, select Create New Disk.

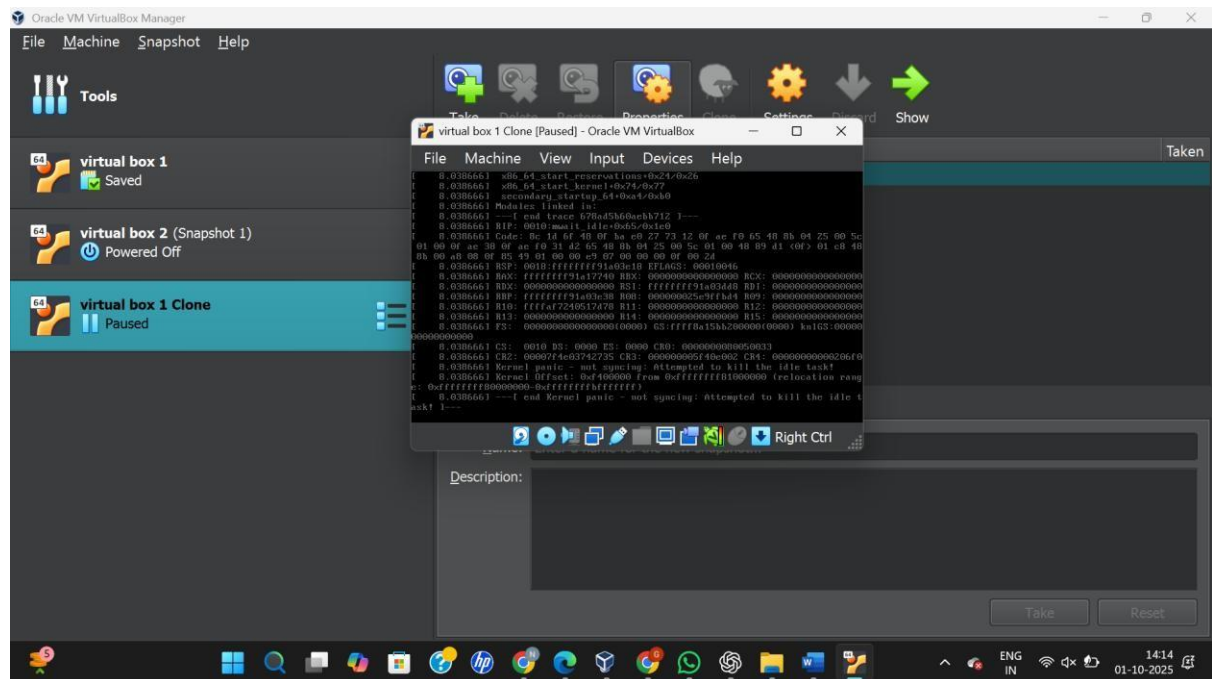
STEP 5: Choose VDI (VirtualBox Disk Image) as the disk type and click Next.

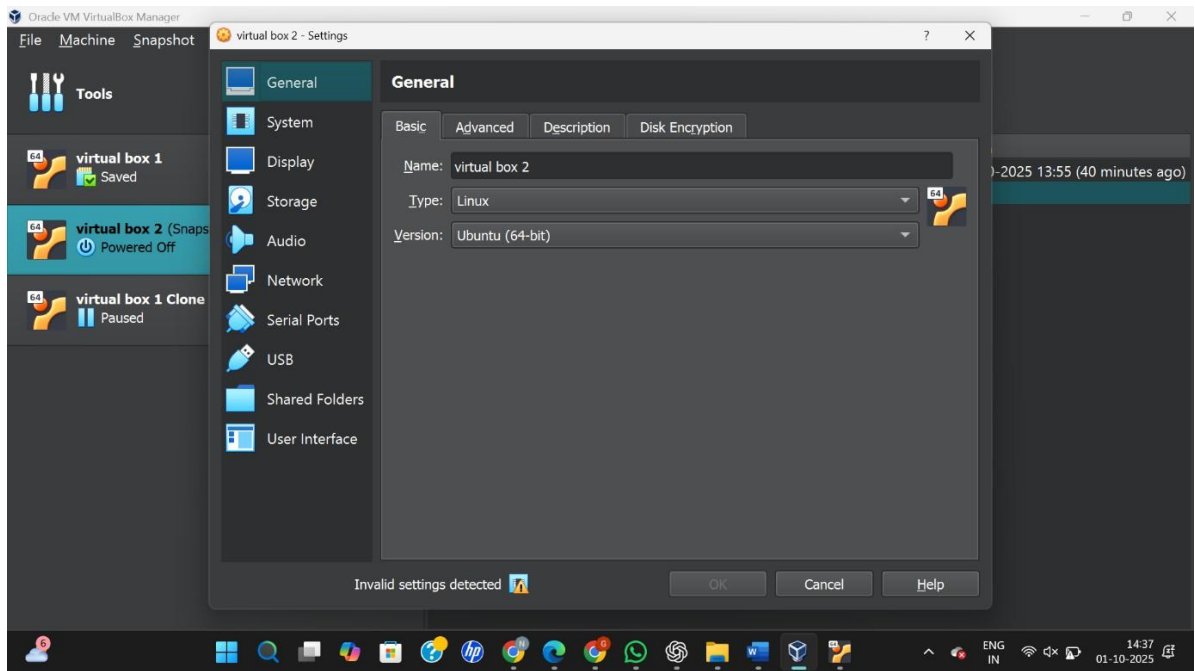
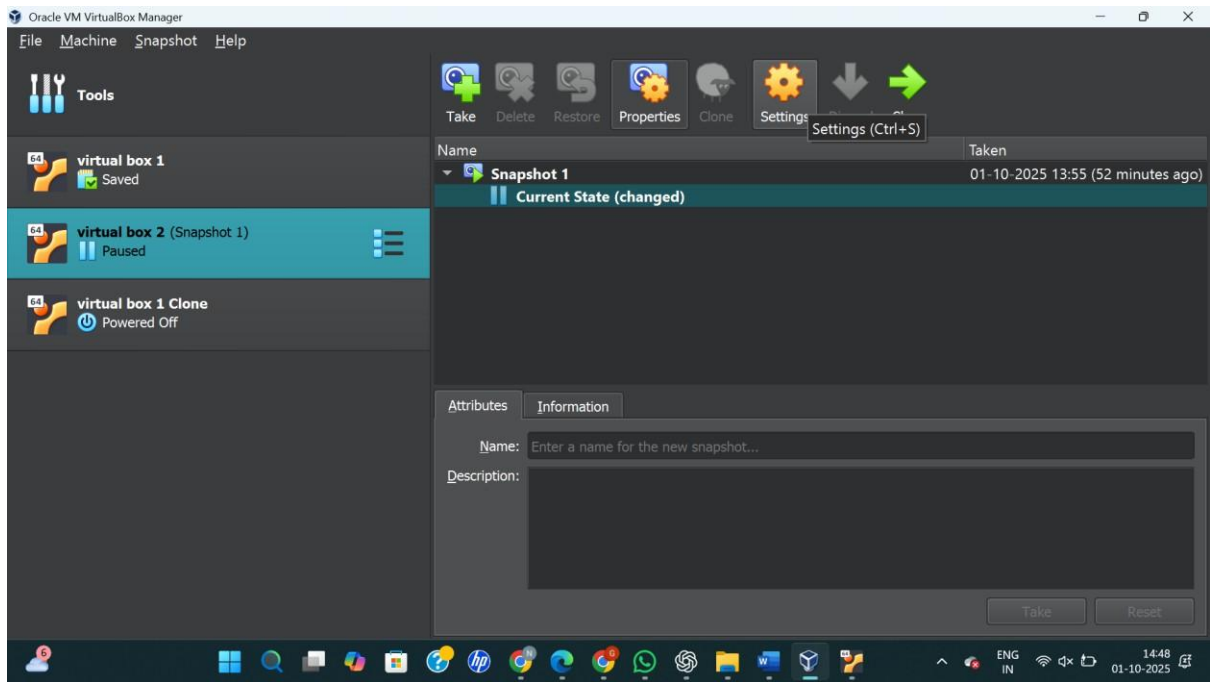
STEP 6: Select Dynamically allocated or Fixed size based on requirement.

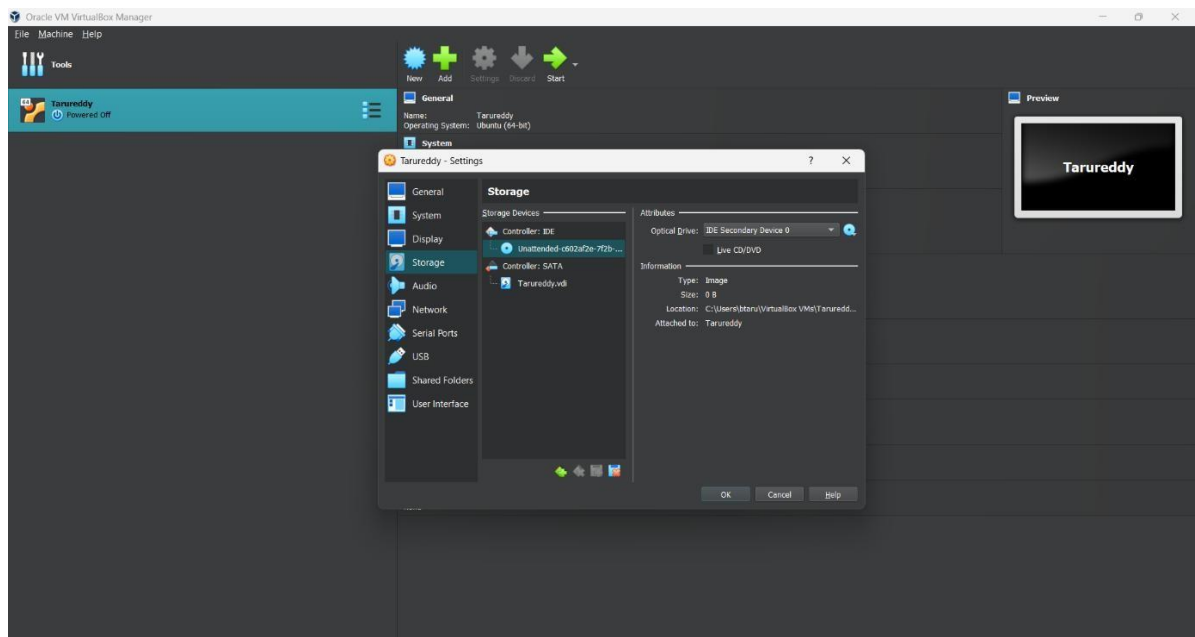
STEP 7: Specify the disk size (e.g., 2 GB) → Enter a file name → Click Create.

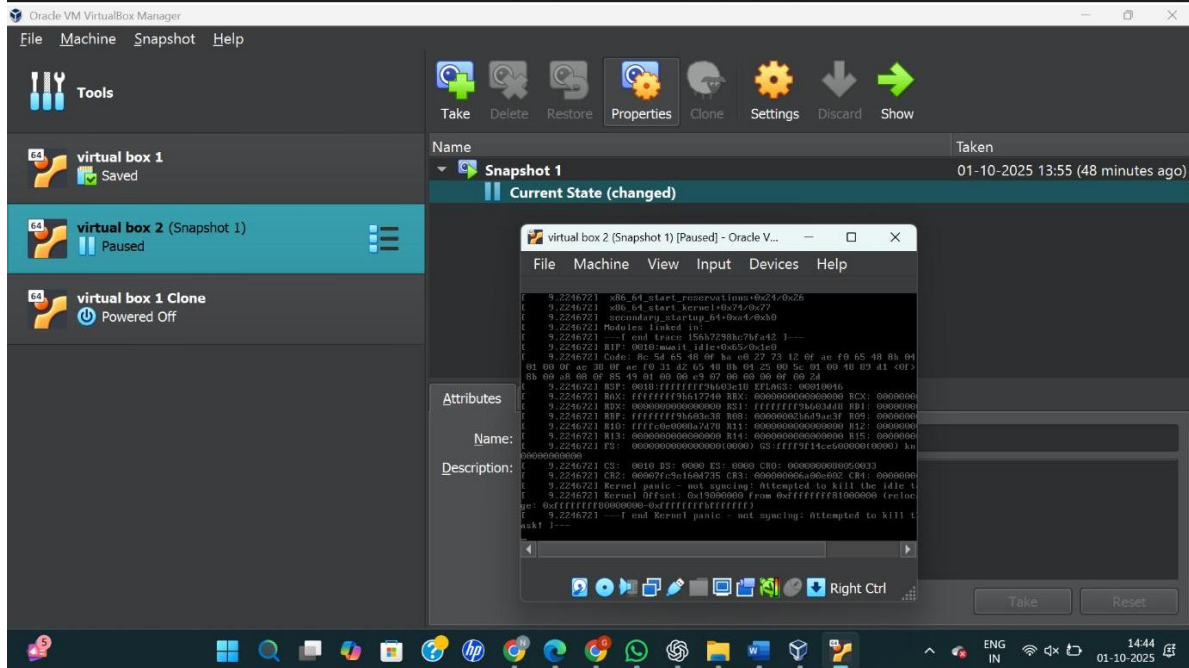
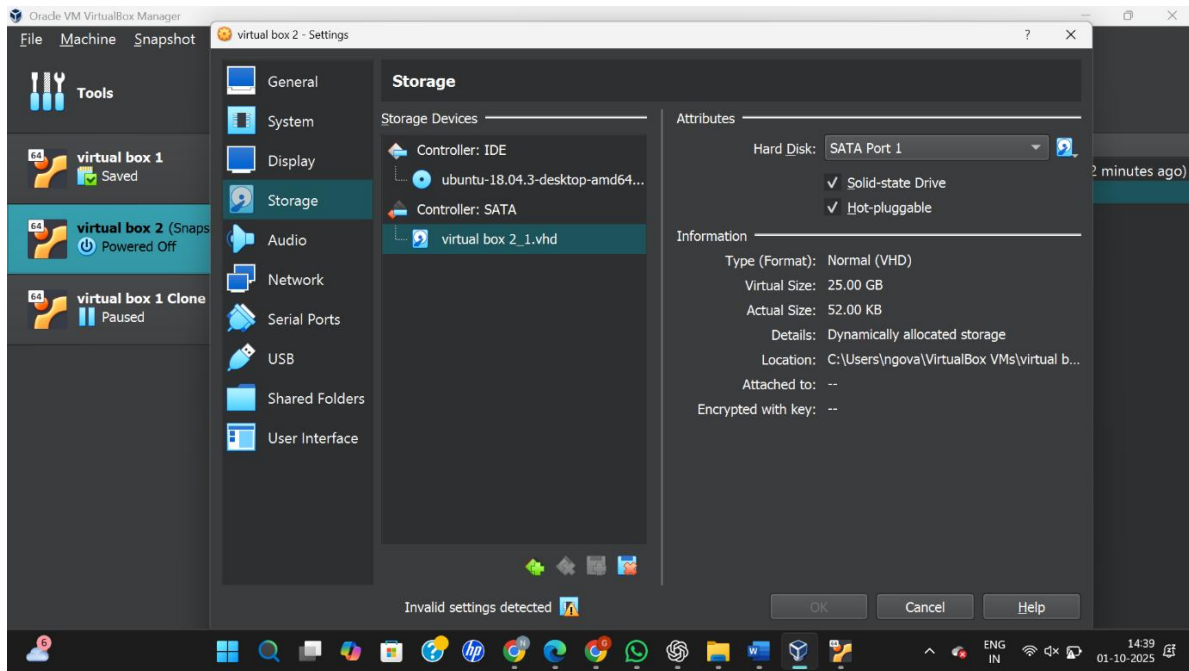
STEP 8: The new virtual hard disk will now be added and allocated to the selected VM.

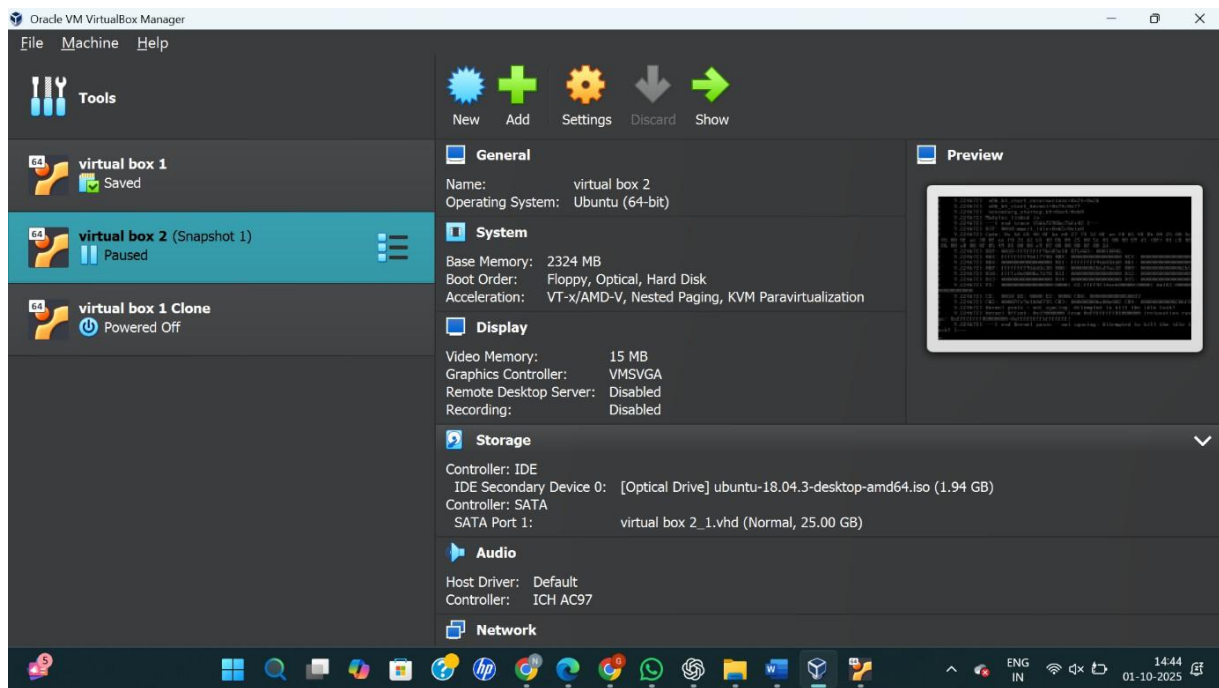
DESIGN:











RESULT:

A virtual hard disk was successfully created and allocated to the virtual machine using Oracle VirtualBox.