DAY 2

Experiment 6:- Aim:-

To Demonstrate virtualization by Installing Type-2 Hypervisor in your device, create and configure VM image with a Host Operating system (Either Windows/Linux).

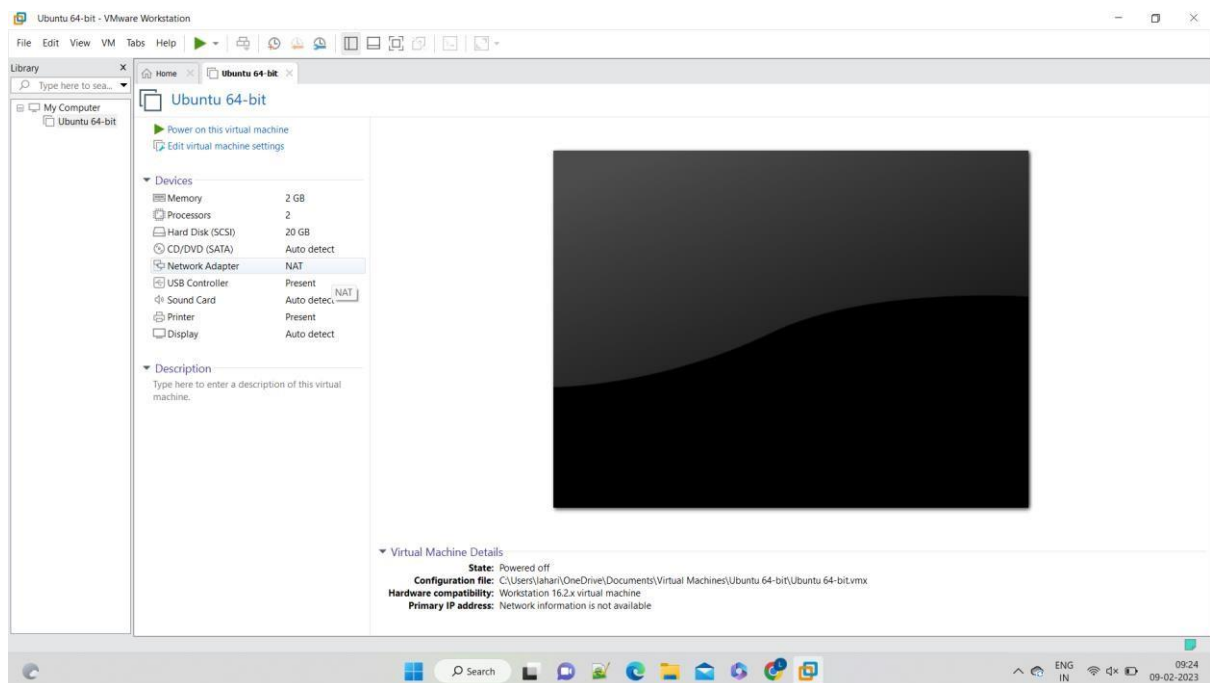**STEP 1**: DOWLOAD VMWARE WORKSTATION AND INSTALLED AS TYPE 2 HYPERVISOR

STEP2: DOWLOAD UBUNTU OR TINY OS AS ISO IMAGE FILE

STEP 3: IN VMWARE WORKSTATION->CREATE NEW VM

STEP 4: DO THE BASIC CONFIGURATION SETTINGS.

STEP 5: CREATED TINYOS VIRTUAL MACHINE

STEP 6: LAUNCH THE VM

Experiment 7:-

Aim:-

TO CREATE A VIRTUAL MACHINE WITH 1 VCPU, 2GB RAM AND 15GB STORAGE DISK USING A TYPE 2 VIRTUALIZATION SOFTWARE
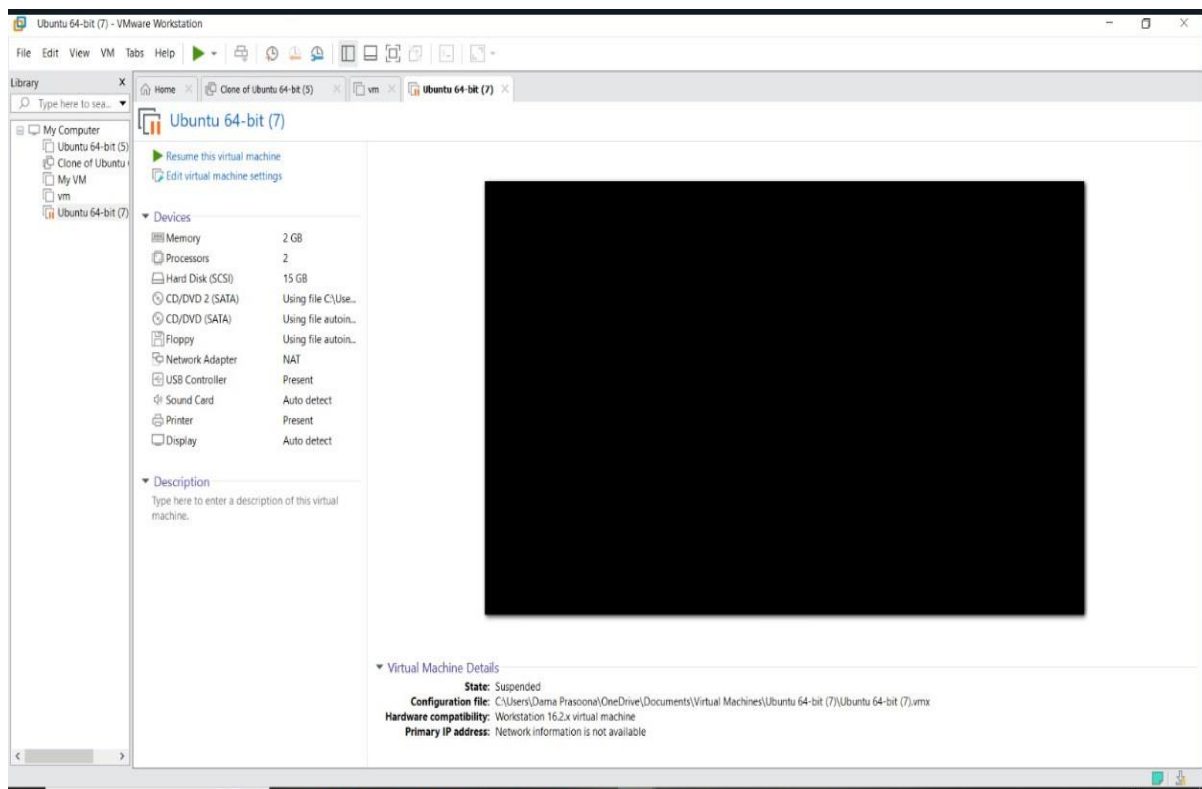
STEP 1: GOTO VMWARE WORKSTATION

STEP2: RIGHT CLICK THE VM AND GOTO THE SETTINGS

STEP 3: ADD HARDWARE WIZARD AND SELECT SCSI AND CLICK NEXT

STEP 4: CREATE NEW VIRTUAL DISK

STEP 5: SELCT THE DISK SIZE AS 2.0. AND SELCT SPLIT VIRTUAL DISK INTO MULTIFILES. **STEP 6:** GIVE NAME AND CLICK THE FINISH

Experiment 8:- Aim:-

TO CREATE A VIRTUAL HARD DISK AND ALLOCATE THE STORAGE USING VM WARE WORKSTATION
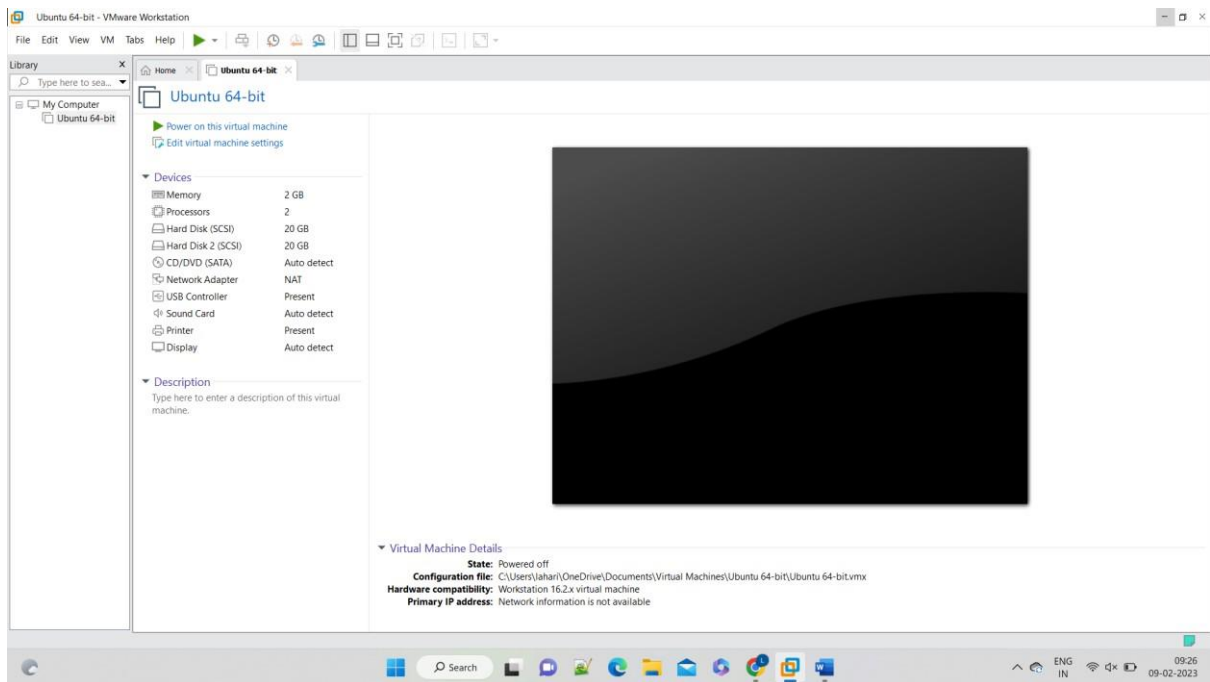
STEP 1: GOTO VMWARE WORKSTATION

STEP2: RIGHT CLICK THE VM AND GOTO THE SETTINGS

STEP 3: ADD HARDWARE WIZARD AND SELECT SCSI AND CLICK NEXT

STEP 4: CREATE NEW VIRTUAL DISK

STEP 5: SELCT THE DISK SIZE AS 2.0. AND SELCT SPLIT VIRTUAL DISK INTO MULTIFILES. **STEP**

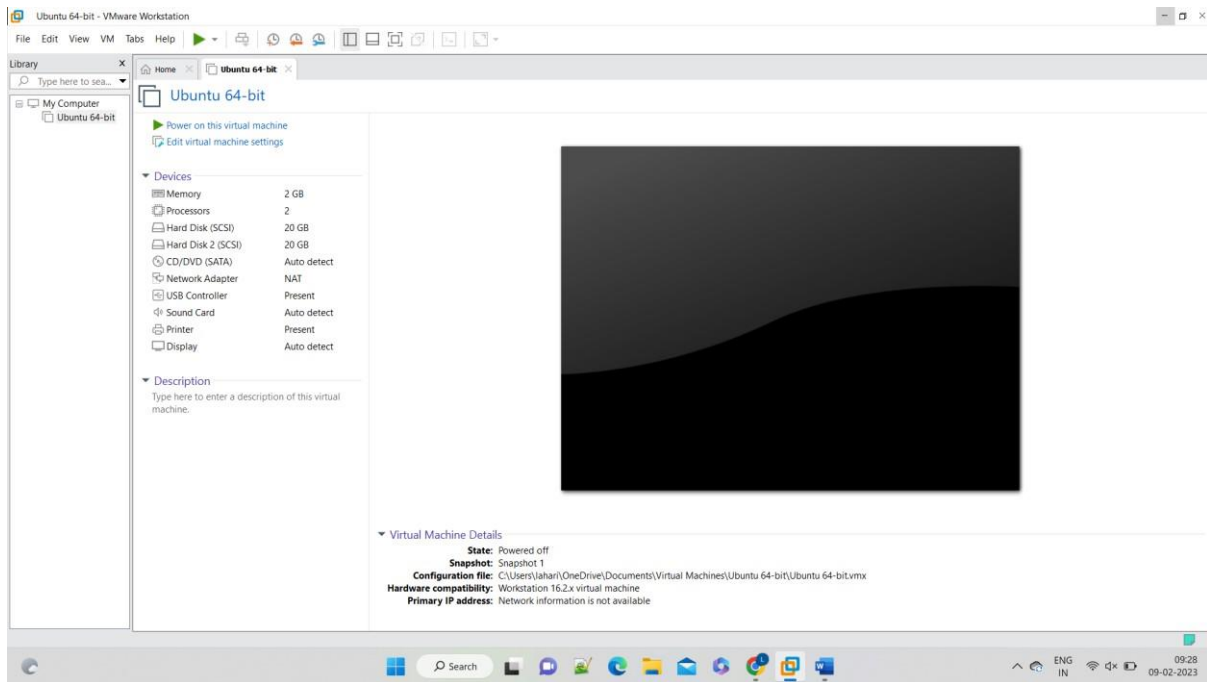**6:** GIVE NAME AND CLICK THE FINISH

Experiment 9:- Aim:-

CREATE A SNAPSHOT AND CLONING OF A VM AND TEST IT BY LOADING THE PREVIOUS
VERSION/CLONED VM.

STEP 1: GOTO VMWARE WORKSTATION

STEP 2: CREATE FILES ON DESKTOP

STEP 2: CLICK ON VM AND SELECTS SNAPSHOT-> TAKE SNAPSHOT.

STEP 4: SNAPSHOT IS BEING DONE
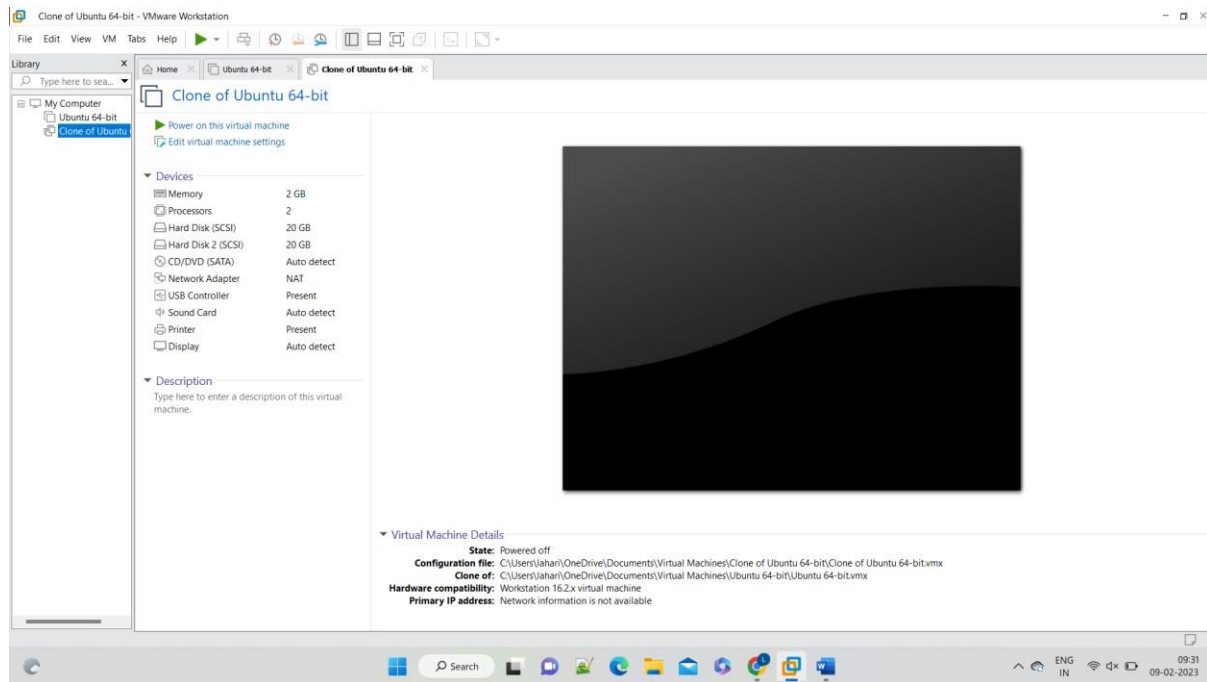
Experiment 10:- Aim:-

CREATE A CLONING OF A VM AND TEST IT BY LOADING THE PREVIOUS VERSION/CLONED VM

STEP 1: GO TO VM AND GOTO MANAGE AND CLICK CLONE

STEP 2: CLICK CLONE

STEP 3: SELECT THE FULL CLONE

STEP 4: AFTER CLONE AGAIN OR VM IS OPENED

Experiment 11:- Aim:-

Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured.

STEP 1: GO TO VM AND GOTO MANAGE

STEP 2: CLICK ON CHANGE HARDWARE COMPATIBILITY

STEP 3: CHOOSE THE HARDWARE COMPATIBILITY

STEP 4: NAME THE CLONE

STEP 5:THE HARDWARE COMPATIBILITY IS CHANGE SUCCESSFULLY