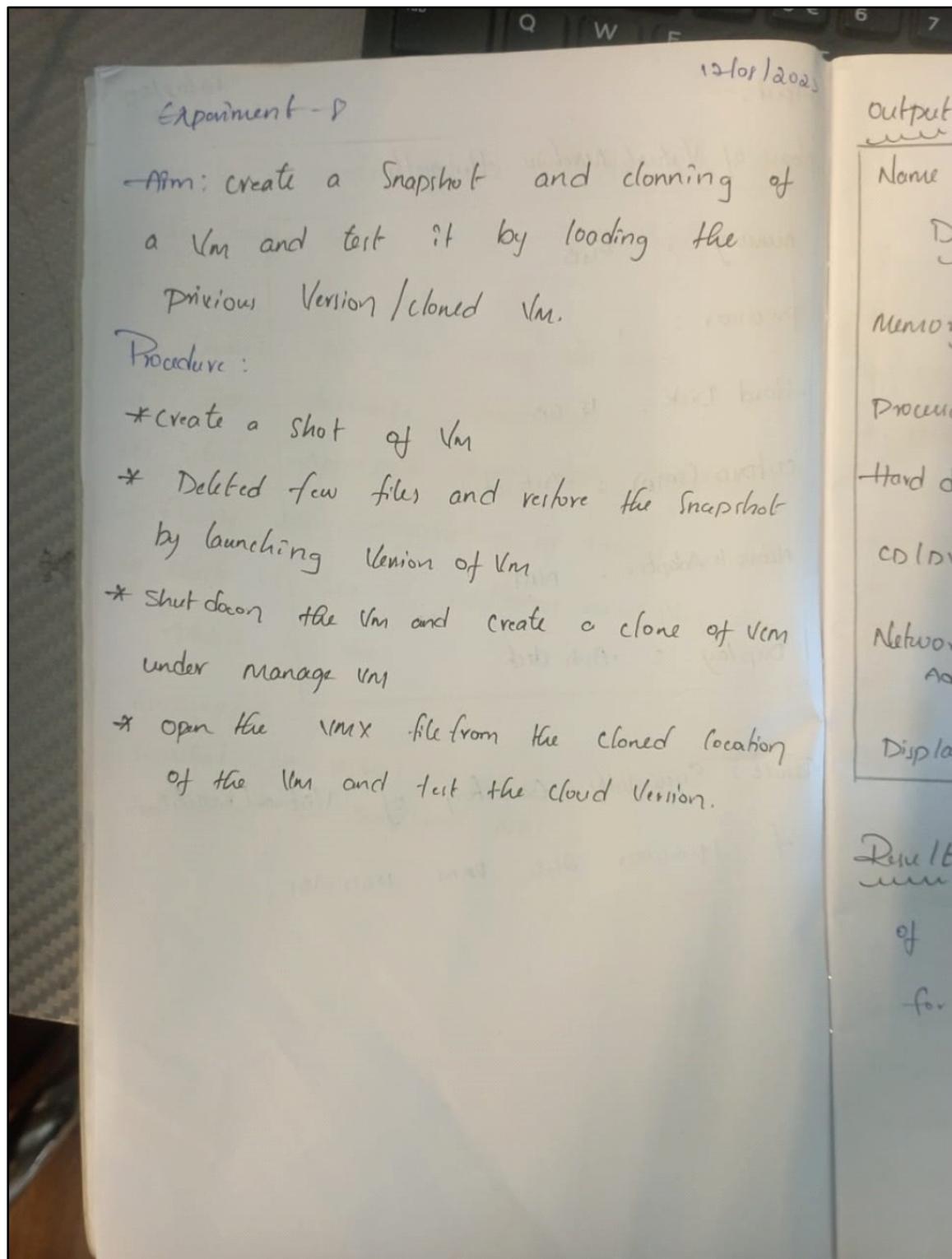


Virtual machine

Experiment-1: Create a Virtual Machine with 1 vCPU, 2GB RAM and 15GB storage disk using a Type 2 Virtualization Software



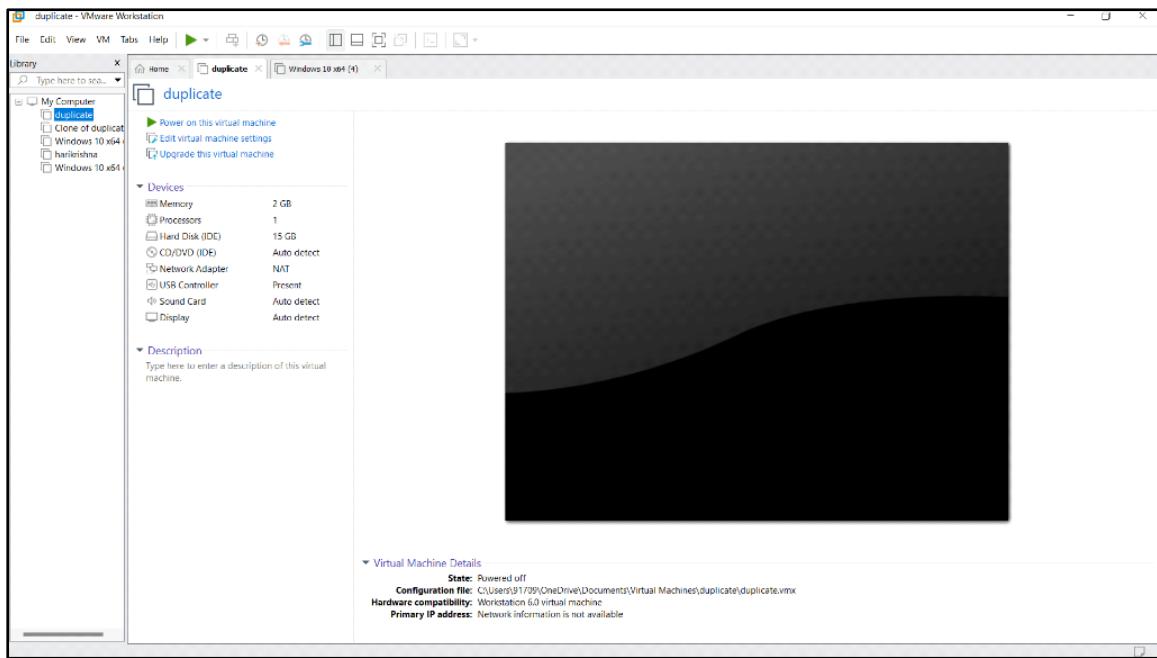
Output :-	
Name of Virtual Machine :-	Henmantik
Devices	
Memory	: 2GB
Processor	: 1
Hard disk	: 15GB
CD/DVD	: Auto detect
Network Adapter	: NAT
Display	: Auto detect

Result :- Successfully Execution for Above
of Virtual Hard and Allocated the Storage
for the Virtual Machine.

Output:-



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Experiment-2: Create a Virtual Hard Disk and allocate the storage using
VM ware Workstation



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Experiment - 7

Aim :- To create a Virtual machine and allocate the storage using VM ware worksheet then

Procedure

- * Launch the VM using VM ware
- * under customize hardware
- * Select Appropriate storage type (scsi / IDE)
- * finish the configuration of storage
- * check it see if additional hard disk is added in VM

Explanation :

1. What is Virtual Harddisk
2. What is SAN and NAS



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Output:-

12/08/2023

Name of Virtual Machine : Hemanth

Memory : 2GB

Processor : 1

Hard Disk : 15 GB

CD/DVD (SATA) : Auto detect

Network Adapter : NAT

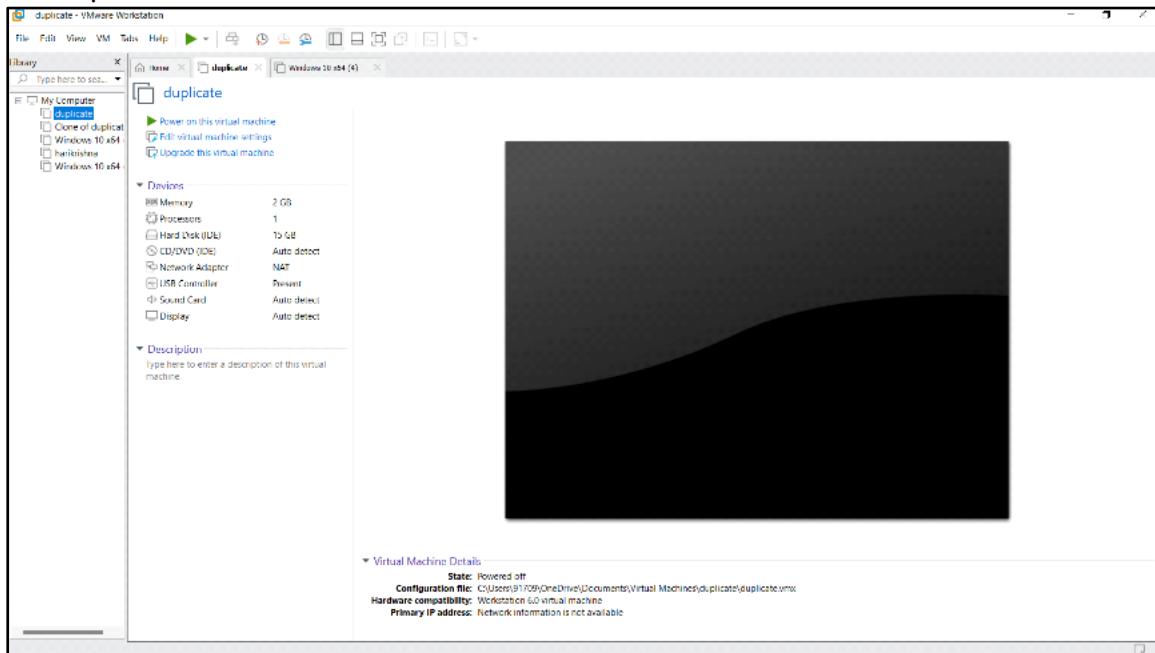
Display : Auto detect

Result: Successfully execution of Virtual machine
for 1 processor 2GB RAM 15GB IDE.



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Out put:-



Experiment-3: Create a Snapshot and Cloning of a VM and Test it by loading the Previous Version/Cloned VM



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Experiment -10 :-

Aim:- Create a Virtual machine and then clone it and migrates clones memory

Procedure:-

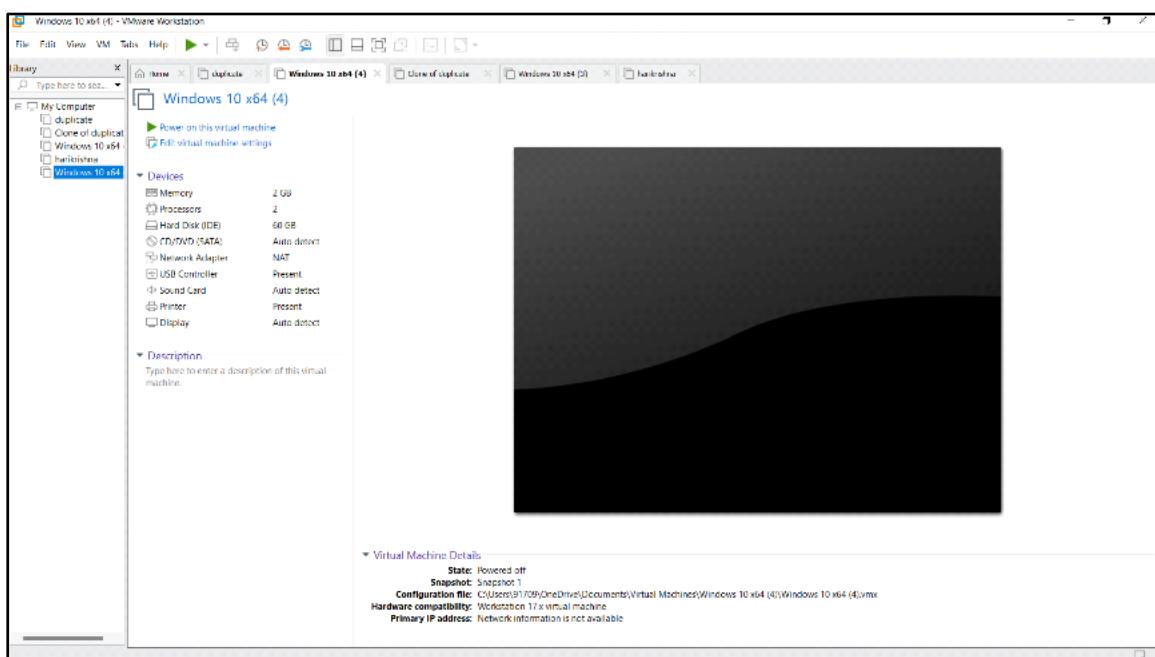
- * Turn off the Virtual workstation
- * Create a Virtual Machine by clicking "New" button.
- * And then fill the details and create a Virtual machine
- * Then go to "more" option.
- * Then click on the "Clone" option.
- * Then goto the settings and update the storage.
- * Save Successfully.

Result :- Successfully execution for clone of host Snapshot VM by looking on Previous Version.

Output :-	
Clone of host VM	Details
Memory : 4GB	
Processor : 2	
Harddisk : 60	
CD/DVD (Optical) : Auto detect	
Network Adapter : Intel PRO/100 MT Desktop	
Display : Auto detect	



Output:-



- **Experiment-4:** Demonstrate virtualization by Installing Type-2 Hypervisor in your device, create and configure VM image with a Host Operating system (Either Windows/Linux).



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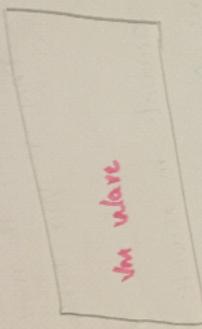
Aim: To demonstrate IaaS establishing the Remote connection, launch the created VM image and Run in your Desktop.

Procedure :-

- Create an account in Microsoft Azure
- Go to Resource Group and create Resource Group.
- Give necessary things and Resource Group.
- Create a Virtual Machine for Windows / Linux
- Now the VM is Developed
- Create a VM through console, Create VM image by Specification and other Configuration
- Launched the VM using you created you will able to Access and control VM remotely

Exp
Aim

Pro



Result

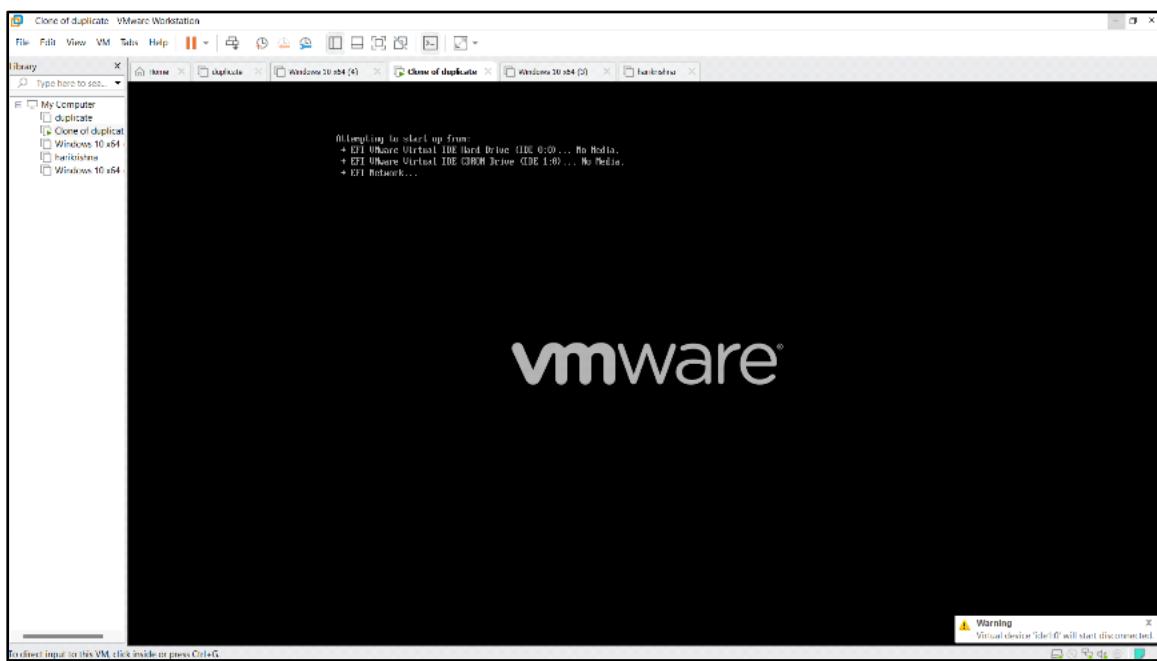
the Remote Establishing launching
VM has been successfully created.

Result



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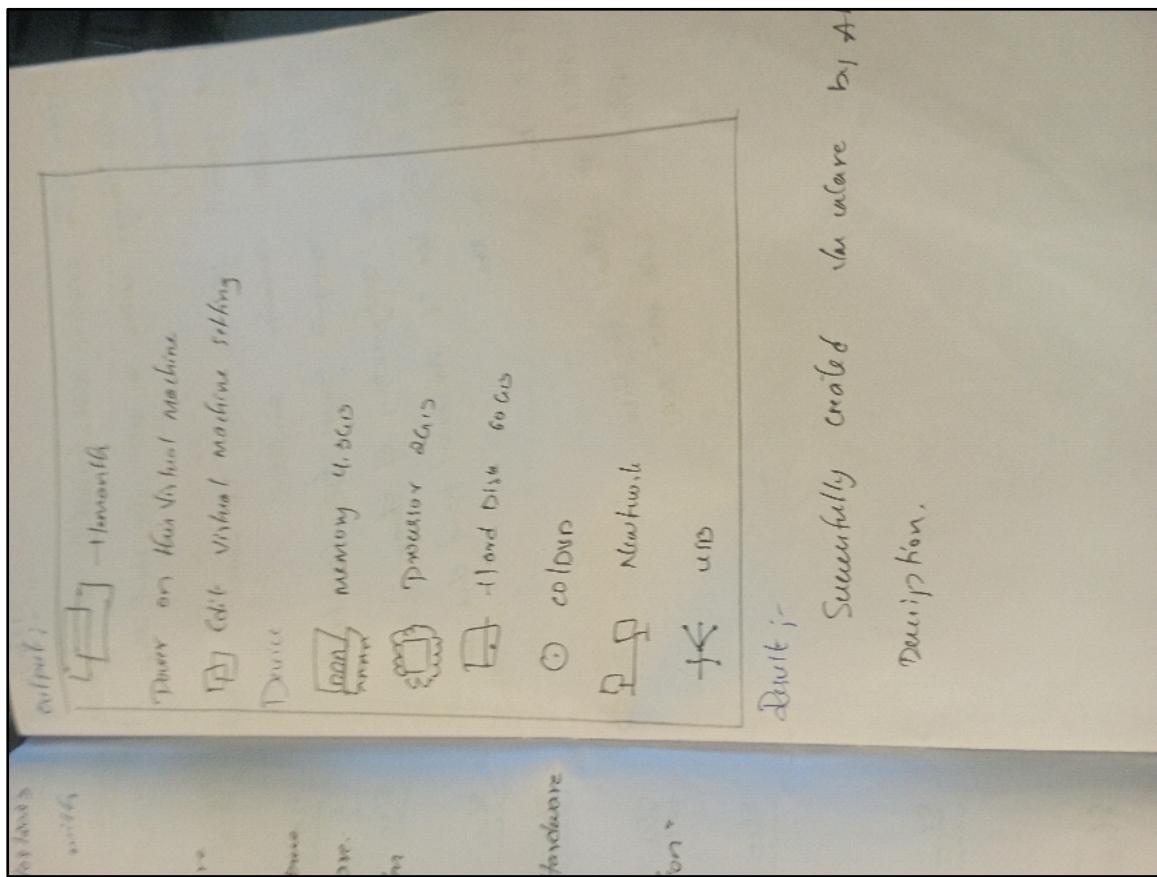
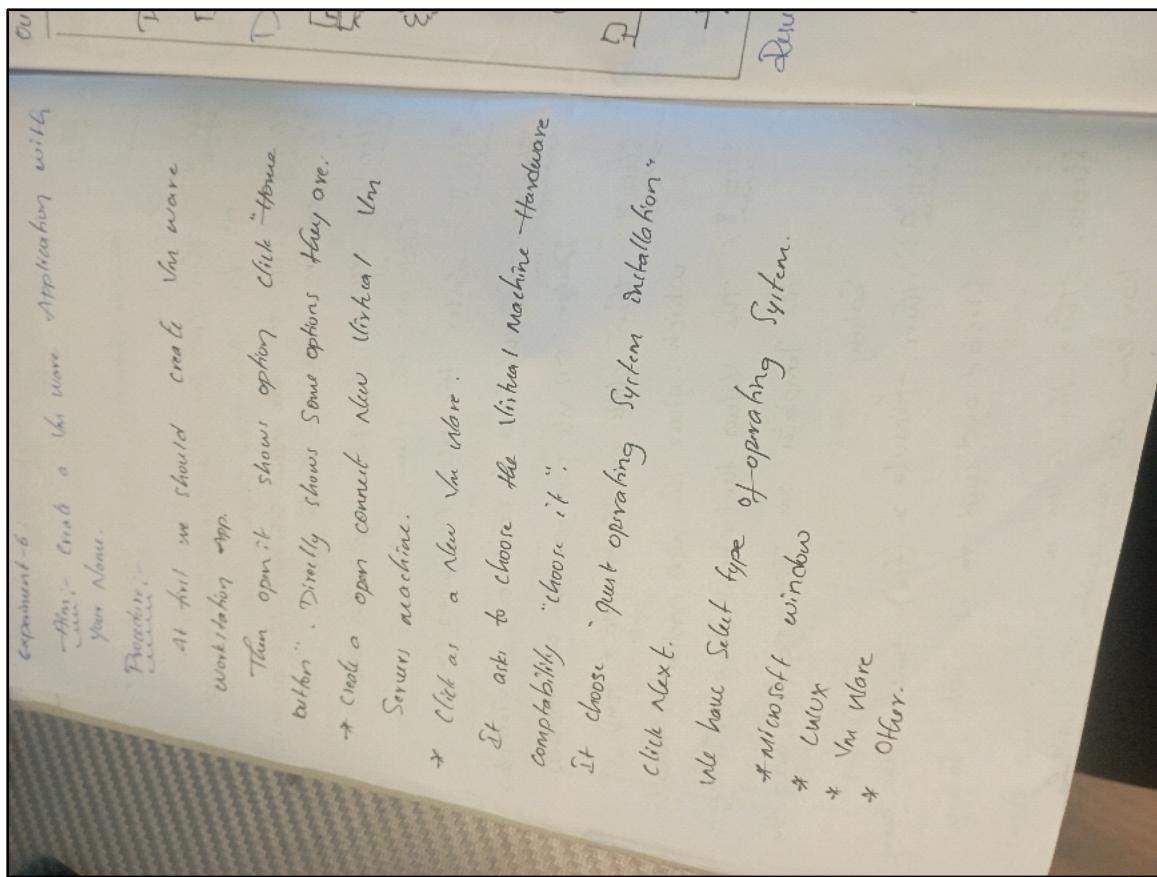
Output:-



Experiment-5: Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured.

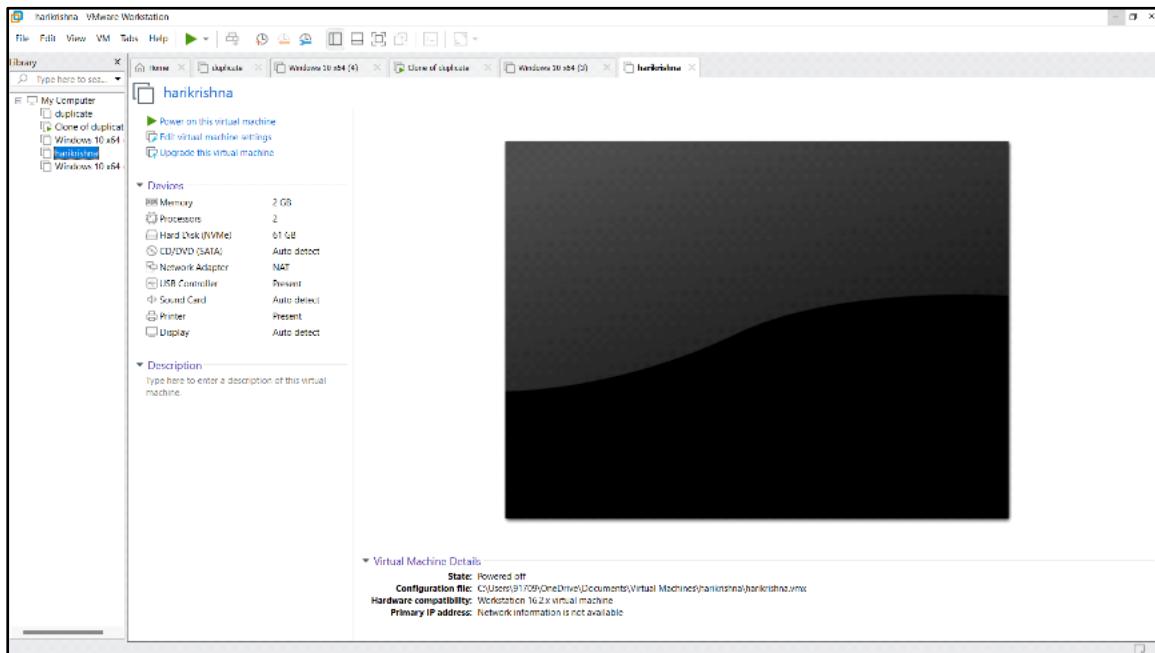


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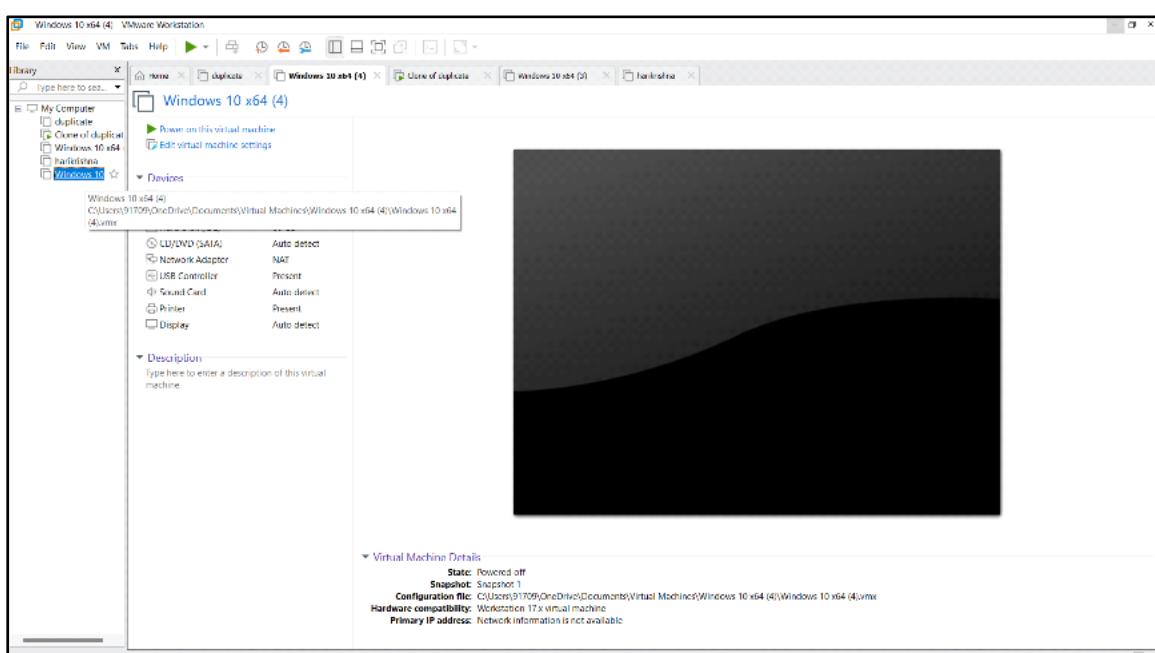


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Output:-



Here change of hardware compatibility workstation 6.0 to workstation 17.0



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