

Name

phone

Address

Email

DOB

Gender

College/job

① create a simple cloud software application and provider it as a service any cloud services provider to demonstrate software as a service (saas)

Aim To write a simple cloud software application and provider it in a service using any cloud service provider to demonstrate software as a service (saas)

software used

open source software [zotto.com]

procedure

- log in (or) sign in into zotto.com
- click creator option [in access your app]
- Get accured and click on "create solution"
- select application
- Get strat from "create from search"
- give the application name - create application.
- click "create new form"
- click "from search"
- Enter the form name
- Add the entities you would like the add in application form.

Outcome : The application named ^{application form} ~~caro~~ ^{caro} ~~banking~~ ^{banking} agency has been successfully created and deployed using ~~caro~~ ^{caro} creator

donthireddycharmitha1 - CAR | x

creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:cloud_application

Features of Linux O... Phases of a Compil... Gmail YouTube Maps YouTubeInference r... In-Depth: Interface...

CAR BOOKING

cloud application

Car Bookings

Flight Registrations

Cloud Applications

cloud application

All Cloud Applications

buying and rental

Library Reservations

Student Applications

Name

First Name

Last Name

Phone

+91 81234 56789

Address

Address Line 1

Address Line 2

City / District

State / Province

Postal Code

Country

date of birth

#####

Email

age

#####

Trial expires in 12 days Upgrade

Edit this application

Help

Donthireddy Sai ch...

29°C Partly cloudy

Search

ENG IN

19:54 19-10-2023

Fuller name

firstname lastname

Cost of ticket

Date

Time of arrival

availability

Payment Letter

check flight status

submit Rejet

② Create a simple cloud software application software for flight reservation system using any cloud software service provider to demonstrate SaaS.

Aim To Create a Simple Cloud Software application for Flight Reservation system using any Cloud Software service provider to demonstrate SaaS.

procedure

→ Sign up for zoho creator, for a zoho creator amount and setup your flight Reservation system application

→ Define your data structure with tables for flights, passengers and Reservations.

→ create user friendly forms for flight booking
passenger registration and reservation management

- implement automated work-flow for tasks like sending confirmations, updating flight availability and management remainder.

→ Ensure data security by configuring user roles permissions for controlled users.

→ customize the vi to delivers on interge and brended user imprance.

→ rigorously test the system and operations - to
relieve any issues

→ deploy your flight reservation system on the
chosen cloud source provider

Output The application named flight booking has
been successfully created and deployed
using otto creator

donthireddycharmitha1 - CAR | x

creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:flight_registration

Features of Linux O... Phases of a Compil... Gmail YouTube Maps YouTubeInference r... In-Depth: Interface...

CAR BOOKING

flight registration

Car Bookings

Flight Registrations

flight registration

All Flight Registratio...

Cloud Applications

buying and rental

Library Reservations

Student Applications

passenger name *

phone number

age

Email

name of airport

name of the flight

number of seats

booking data

time of the flight

+91

81234 56789

#####

#####

dd-MMM-yyyy

HH:mm:ss

First Name

Last Name

First Name

Last Name

Trial expires in 12 days Upgrade

Edit this application

Help

Donthireddy Sai ch

https://creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:flight_registration

29°C Partly cloudy

Search

ENG IN

19:54 19-10-2023

Buyer Name

Phone number

Property address

Financial information

Monthly rent

No of people staying

Additional requirements

Submit

Reset

5
3) Develop a cloud based software application for the property buying and rental process in Chennai showing software as a service (SaaS) to streamline property transaction and enhance the user experience.

Aim To develop a cloud based software application for the property buying and rental process in Chennai showing software as a service (SaaS) to streamline property transaction and enhance the user experience.

procedure

- choose a cloud service provider (eg: AWS, Azure) for hosting your property management application
- create a database schema to store property details, user profiles, rental agreements and transaction records
- develop user registration and authentication features to ensure secure user to the application
- design a user friendly interface for property listing, enabling user to remove filters

- Integrate geolocation and map features to provide user with the location of properties
- deploy the application on your laptop chosen cloud service provider

Outcome The application name property buying and rental has ~~successfully~~ created

donthireddycharmitha1 - CAR | x

creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:buying_and_rental

Features of Linux O... Phases of a Compil... Gmail YouTube Maps YouTubeInference r... In-Depth: Interface...

CAR BOOKING

trial expires in 12 days Upgrade Edit this application Help

CAR BOOKING

Car Bookings >

Flight Registrations >

Cloud Applications >

buying and rental >

buying and rental

buying and rental R... >

Library Reservations >

Student Applications >

buying and rental

buyer name

First NameLast Name

phone number

+91

81234 56789

age

#####

Address

Address Line 1

Address Line 2

City / District

State / Province

Postal Code

-Select-

qualification

First Name

Last Name

Donthireddy Sai ch...

29°C Partly cloudy

Search

ENG IN

19:54 19-10-2023

Name
 first name last name

Phone number

Address

Pickup location

Timing

Dropping location

Payment

Q1) Create a simple cloud software application for car booking reservation system using any cloud service service provider to demonstrate SaaS.

Aim To create API for car booking reservation

System
~~Apparatus~~ ^{SI} zoho website, internet

procedure

- first open zoho website and enter the credentials required
- After creating account open creator in zoho
- create an application for car booking reservation system.
- After creating it takes to function page.
- Next insert the functions required the Name, Email, phone number, date of booking, time to pickup, pickup point, drop out point
- After inserting functions click on done.
- Next press on accessing the application
- Next fill the details in the application

→ click on submit option

→ it stores the details ~~successfully~~

→ we can edit and view the data

outcome: the application named ^{can} library booking
reservation system has been successfully created
and deployed using ~~zoho~~ creator

donthireddycharmitha1 - CAR | x

creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:CAR_BOOKING

Features of Linux O... Phases of a Compil... Gmail YouTube Maps YouTubeInference r... In-Depth: Interface...

CAR BOOKING

CAR BOOKING

Car Bookings

CAR BOOKING

All Car Bookings

Flight Registrations

Cloud Applications

buying and rental

Library Reservations

Student Applications

Customer Name *

Phone *

Age

starting Address

dropping address

First Name

Last Name

+91 81234 56789

India (+91)

#####

Address Line 1

Address Line 2

City / District

State / Province

Postal Code

-Select-

Address Line 1

Donthireddy Sai ch...

29°C Partly cloudy

Search

ENG IN

19:54 19-10-2023

Student
name

Firstname

Lastname

student Id

phone

Email

book-name

Expiry date

submit

reset

9
⑤ Create a Simplecloud software application for library book reservation system using any cloud service provider to demonstrate SaaS.

Aim TO create web -API for library book reservation system

Apparatus required zoho website, Internet

procedure

- first open zoho website and enter the credentials required
- Next after creating account and browse creator open click on it.
- create the application from the book reservation system.
- After creating application, it opens function page
- Next add functions like name, Email, phone No, books, payment, No of days, availability, signature.
- after adding functions click on done and select a new application file.

- open the application and fill the details
- After click on submit
- The data is stored and can view it

output the application named library book
reservation system has ~~be~~ successfully created
and deployed using zeo creator.

donthireddycharmitha1 - CAR | x

creatorapp.zoho.in/donthireddycharmitha/car-booking/#Form:library_reservation

Features of Linux O... Phases of a Compil... Gmail YouTube Maps YouTubeInference r... In-Depth: Interface...

CAR BOOKING

CAR BOOKING

Car Bookings

Flight Registrations

Cloud Applications

buying and rental

Library Reservations

library reservation

All Library Reservati...

Student Applications

Donthireddy Sai ch

library reservation

student name

First NameLast Name

student id

#####

student phone number

+91 81234 56789

name of the book

First NameLast Name

year of the student

#####

department

First NameLast Name

buying date

dd-MMM-yyyy

returning date

dd-MMM-yyyy

name of the author

First NameLast Name

Trial expires in 12 days Upgrade

Edit this application

Help

OneDrive

Screenshot saved

The screenshot was added to your OneDrive.

29°C Partly cloudy

Search

19:54 19-10-2023

Name	<input type="text"/>
mat id	<input type="text"/>
phone num	<input type="text"/>
no of sub	<input type="text"/>
marks scored	<input type="text"/>
age	<input type="text"/>
Id NO	<input type="text"/>
Gender	<input type="text"/>
Father name	<input type="text"/>
Mother name	<input type="text"/>

6

Aim To create web API for student

~~Apparatus~~ Zoho website, Internet

Procedure

- First open zoho website and enter the credentials required
- Next after creating account browse creator and open it
- create an application form for student info
- After creating it, opens functions page
- Add functions like Name, mat id, Id, No of subjects, marks for each subject, total age, phone no, Gender, Father, mother name
- After adding functions click on done and select access application file
- open application file and fill the details
- After filling details click on submit
- The data is store and can view it

Output The application of creating a web
API for student is successfully created
and deployed by using zoho software

student application

1

Last Name

 +91 • 81234 56789

Downloaded from <http://ajph.org/> on November 10, 2014

State / Province

-Select-

Country

Devices	
memory	53GB
processors	8
Hard disk	60GB
CD/DVD	auto detect
Network -adapter	NAT
USB Controller	present
sound Card	auto detect
Generic scsi	auto detect
display	auto detect



Aim To install vm workstation software and create (or) allocate the storage

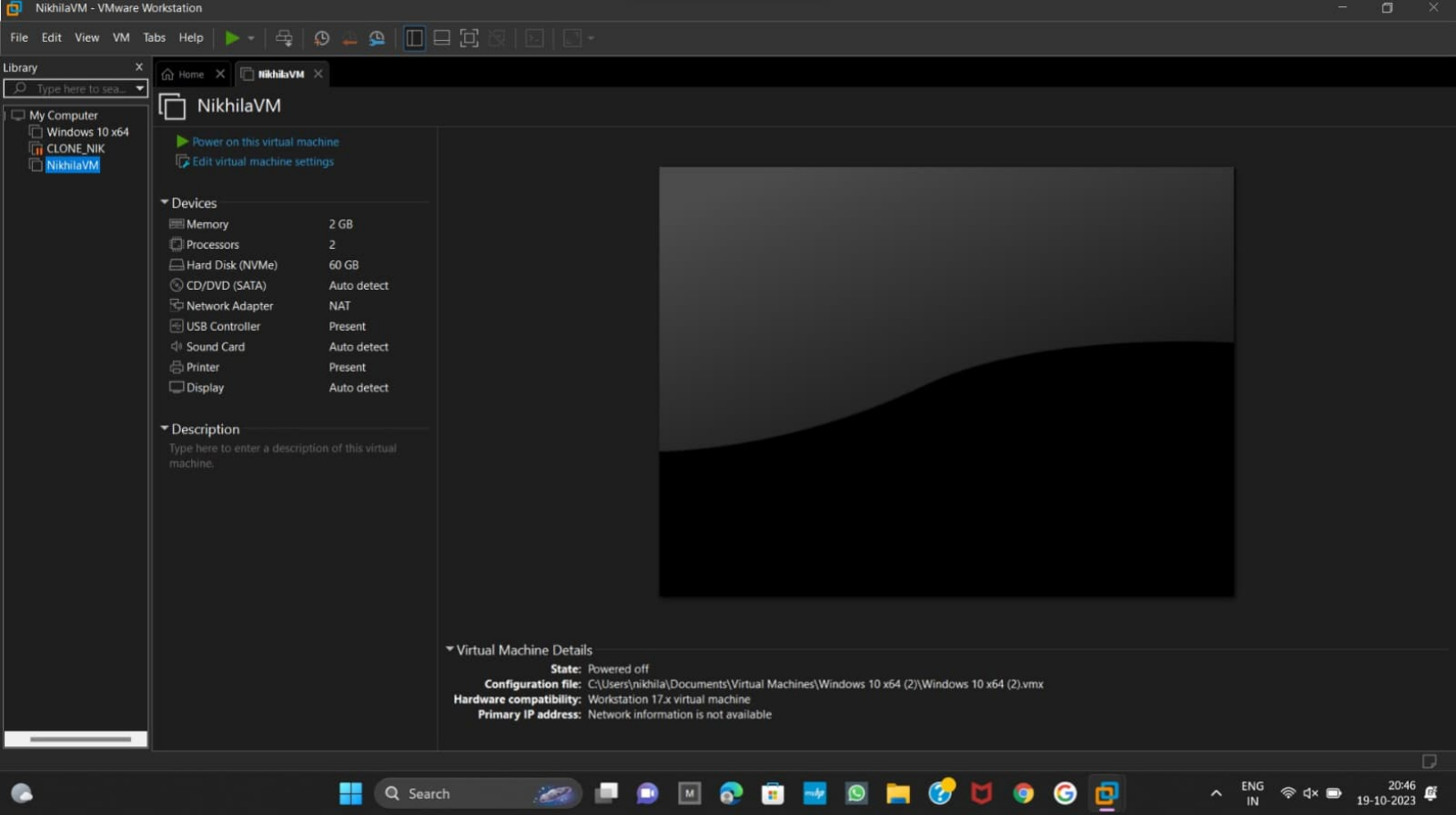
Apparatus vm software, internet

procedure

- first open browser and search vm workstation software
- download and install the vm workstation software
- download the os image of kali linux and ubuntu
- open the vm software and run the software
- provide permissions required to run software
- create the new virtual machine in the software
- Next select type recommended for software
- place the os image downloaded file in the given option.
- select the operating system and click next

- It displays the location of the
- Next select the maximum size of image and click next.
- later click on the finish.

about The ~~creation~~ of vm software is
sincerely ~~completed~~ and developed.





This is the snapshot of the virtual machine created

Snapshot details

name :

Description :

Take Snapshot

Keep

Clone

Delete



Go to into pro folder Close

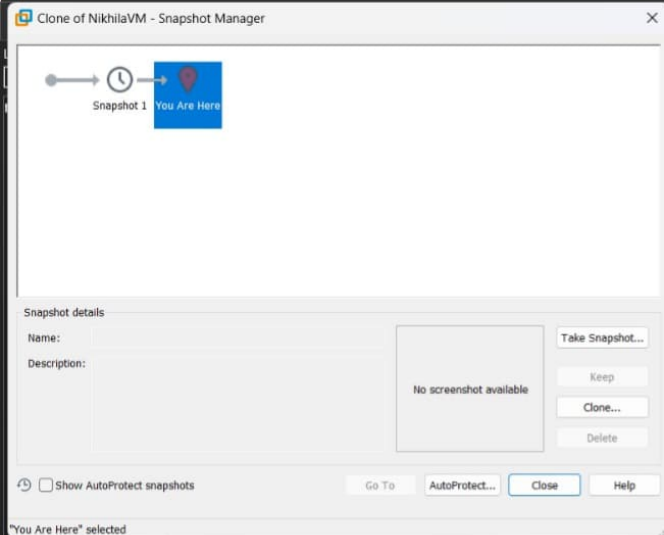
Create a snapshot and test it by the previous version

Aim To create a snapshot and test it by the previous version (insert the snapshot and restoring the saved version of the VM)

procedure

- create a snapshot of the VM
- selected few files and make the snapshot by launching the snapshot version of the VM
- To take snapshot first go to window (setting)
- give right click, then we will get option snapshot
- in snapshot select take a snapshot name that
- then go to snapshot manager which is top of the page
- select the snapshot which we have named
- the snapshot is created

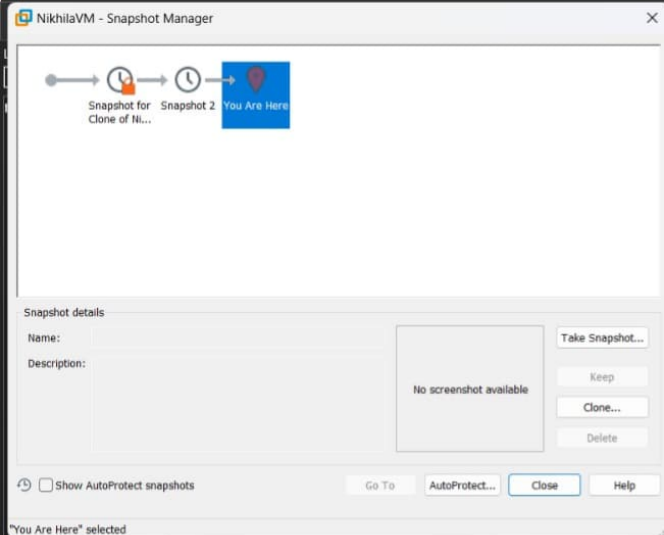
Output The snapshot of the VM has been implemented and tested successfully.



Virtual Machine Details

State: Powered off
Snapshot: Snapshot 1
Configuration file: C:\Users\nikhila\Documents\Virtual Machines\Clone of NikhilaVM\Clone of NikhilaVM.vmx
Clone of: C:\Users\nikhila\Documents\Virtual Machines\Windows 10 x64 (2)\Windows 10 x64 (2).vmx
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available





Virtual Machine Details

State: Powered off
Snapshot: Snapshot 2
Configuration file: C:\Users\nikhila\Documents\Virtual Machines\Windows 10 x64 (2)\Windows 10 x64 (2).vmx
Hardware compatibility: Workstation 17.x virtual machine
Primary IP address: Network information is not available



EFI shell version 2.40

Current running mode 1.12

device mapping-table

blk0 - block device - /dev (null)

blk1 - block device - /dev (null)

shell> echo "hi niki"

output : hi niki

devices

memory	5.3GB
processors	8
hard disk	60GB
CD/DVD	Auto detect
Network Adapter	NAT
USB Controller	portant
Sound Card	Auto detect
Generic SCSI	Auto detect
Display	Auto detect

① create a cloning of a vm and test it by loading the previous version

Aim To create a clone version the existing virtual machine & open it from the storage

Procedure

- Create a clone version of the VM
- Stop the process of running
- Go to window home (win10) select snapshot
- select "Revert to snapshot"
- then again shut down the process queue
- Give next → next → finish → close
- The clone of ~~charmintha~~ is created

output Then the clone of the vm has been implemented and tested successfully

- My Computer
 - Windows 10 x64
 - CLONE_NIK
 - NikhilaVM
 - Clone of NikhilaVM

Clone of NikhilaVM

- Power on this virtual machine
- Edit virtual machine settings

Devices

Memory	2 GB
Processors	2
Hard Disk (NVMe)	60 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.



Virtual Machine Details

State: Powered off

Configuration file: C:\Users\nikhila\Documents\Virtual Machines\Clone of NikhilaVM\Clone of NikhilaVM.vmx

Clone of: C:\Users\nikhila\Documents\Virtual Machines\Windows 10 x64 (2)\Windows 10 x64 (2).vmx

Hardware compatibility: Workstation 17.x virtual machine

Primary IP address: Network information is not available



Search



Windows 10

power on virtual machine

boot virtual machine

▷ devices 14.9GB
Processor 2
Hard disk 60GB

CD/DVD

Network adapter

USB controller

sound card

Printer

Display



Virtual machine details
State: powered off

Windows 10

▷ Data?!

▷ memory 14.9GB

Processor 2

Hard disk 60GB

CD/DVD auto detect

auto detect

NAT

present

auto detect

present

auto detect

Network adapter

NAT

USB controller

present

sound card

auto detect

Printer

present

Display auto detect



Virtual machine details
State: powered off

19
(10) Create a configuration to increase and decrease the screen size

Goal To create a configuration to increase & decrease in screen size

procedure

→ Create a configuration to increase and decrease the same size.

→ select "enter set up" in boot manager

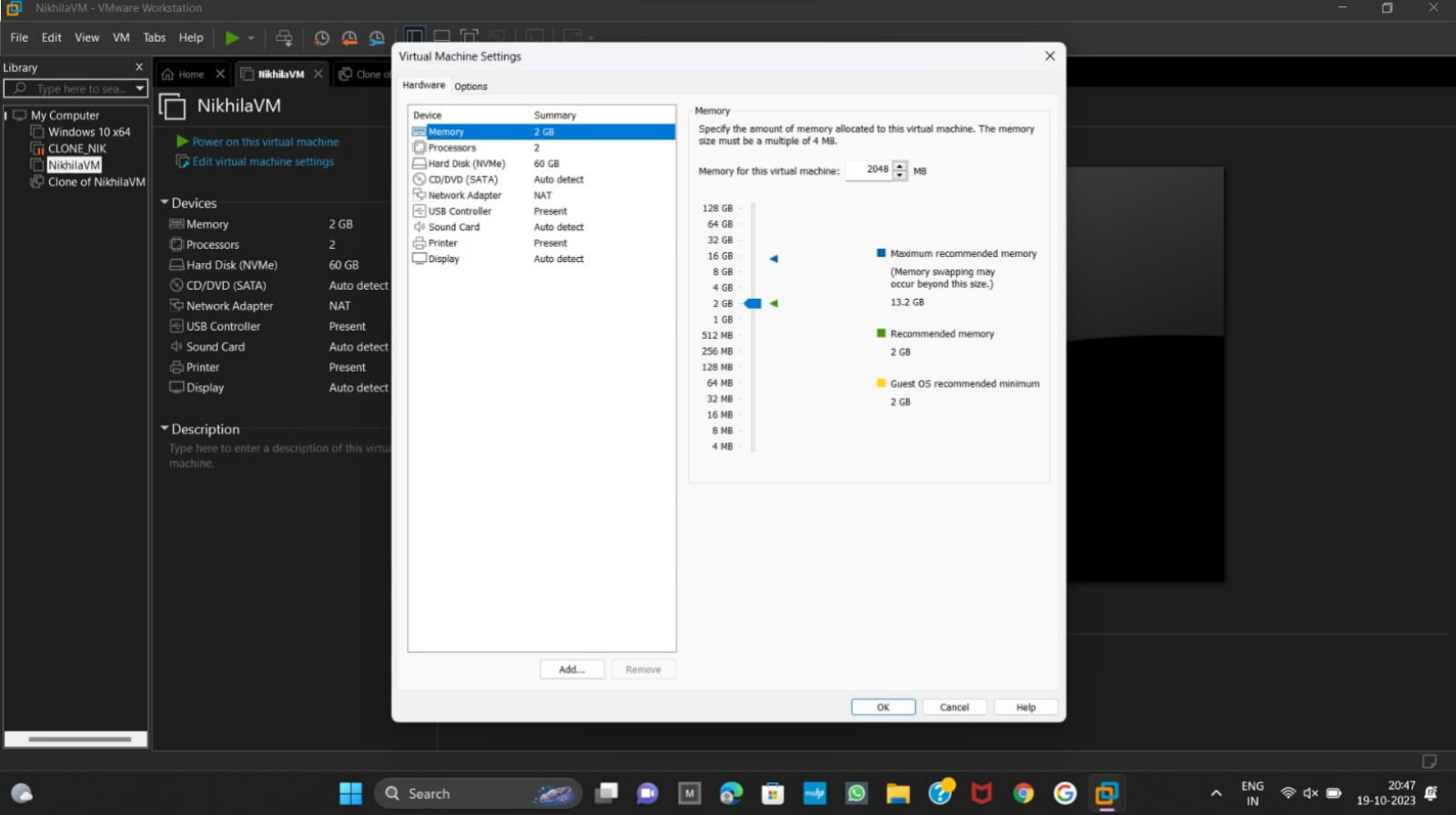
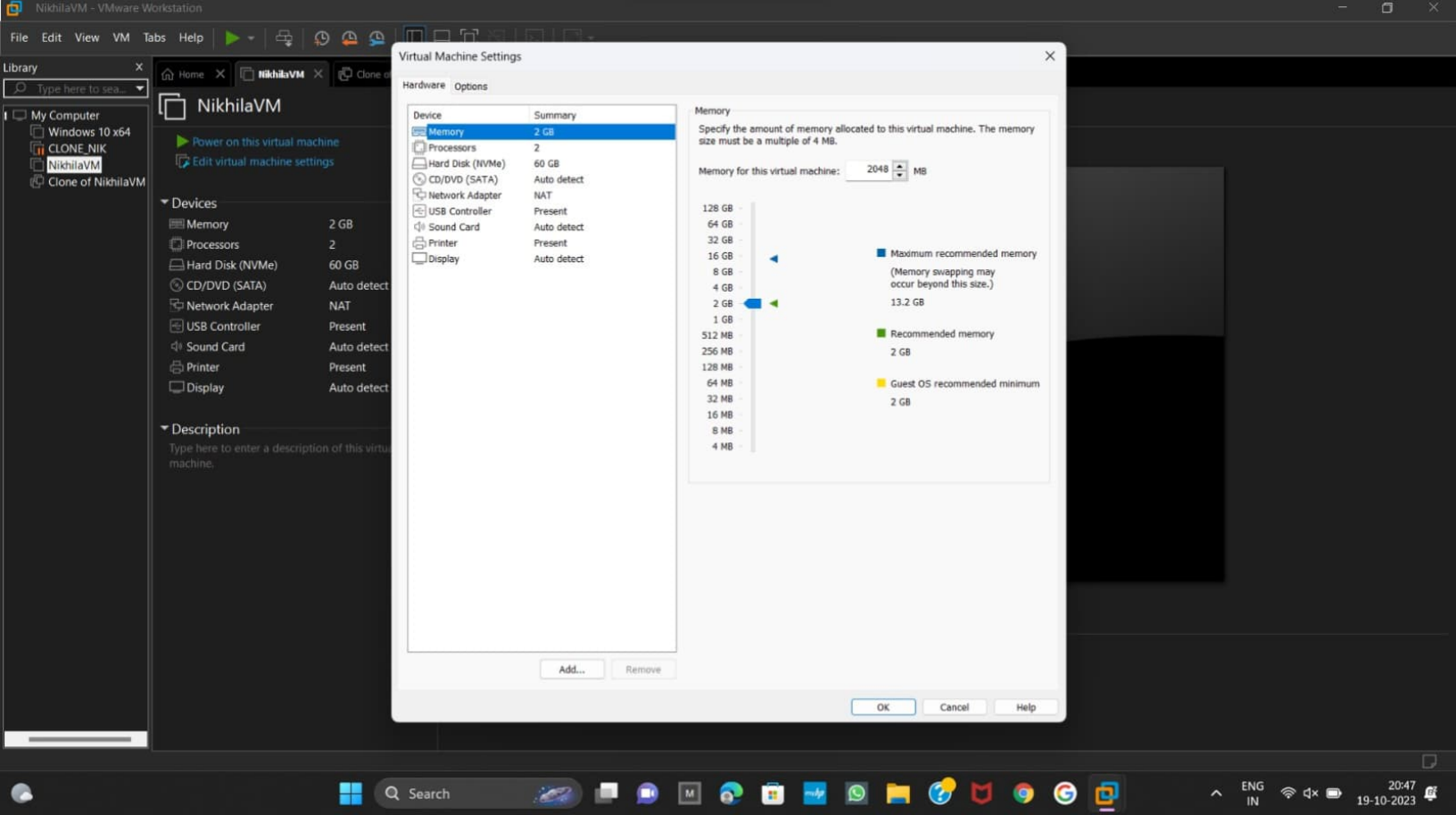
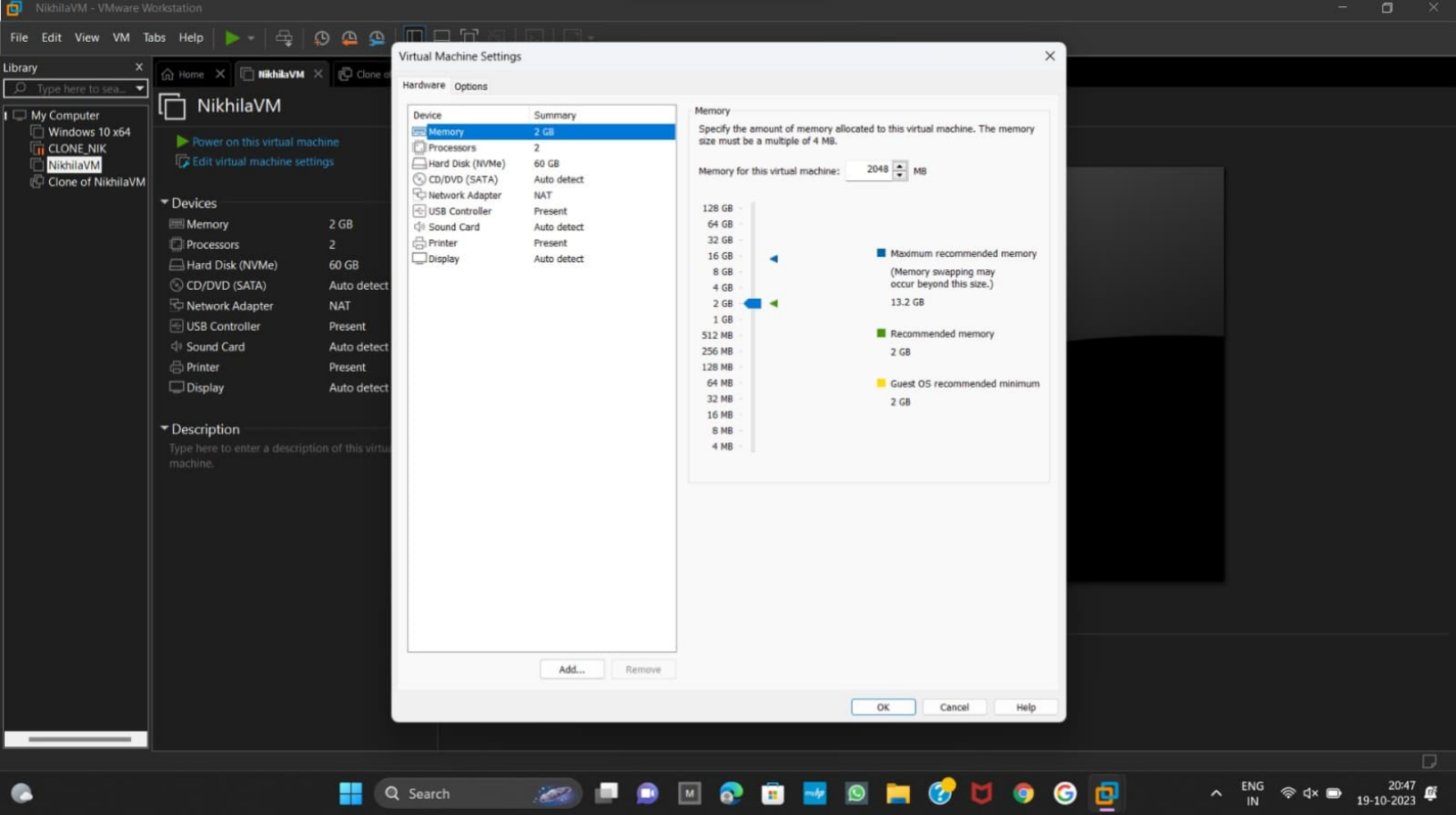
→ After that select "Configure screen size" in boot maintenance manager and give enter

→ set screen size and press enter

→ select commit changes and exit

→ The screen size is increased

Output Thus the size of the screen is increased and decreased successfully.



Windows 10

Power on virtual machine

Edit virtual machine

▷ Device 11.9 GB

⚙️ processor 2

□ Hard disk 60 GB

Ⓢ CD/DVD Auto detect

Ⓜ Network adapter NAT

Ⓜ USB Controller present

🔊 Sound Card Auto detect

🖨 Printer present

🖥 Display Auto detect

VM detail

State: power off

Hardware compatibility Workstation 16.2 v VM

Primary ID: Network information not available



11 Create a virtual machine with 1 vCPU, 2 GB Ram and 15 GB storage disk using a type 2 virtualization software?

Aim To create a VM using of VMware Workstation box with 1 vCPU, 2 GB Ram and 15 GB storage and launch it

procedure

→ Install the virtualization software - VM work station as type 2.

→ Download as OS image file

→ Configure the settings

→ Install the virtual machine & launch

Output The VM using ubuntu image has been configured and installed on a type-2 hypervisor using VM work station.

- power on this virtual machine
- Edit this virtual machine settings
- devices

memory 2 GB

processor 2

hard disk (SCSI) 20 GB

CD/DVD Auto detect

Network Adapter NAT

USB controller present

Sound Card Auto detect

Printer present

Display Auto detect

Virtual machine details

State powered off
 Configuration file:
 C:\Users\grey\Documents\vm



- 1) Create a virtual hard disk and allocate the storage using vm ware workstation.

Aim To create a virtual hard disk for the given virtual machine and allocate around 10GB of storage from the physical host

procedure

- launch the vm using vm ware workstation
- under customize hardware add storage
- select appropriate storage type
- finish the configuration of storage
- check to see if the addition as a hard disk is added in the vm.

output - A virtual hard disk has been added inside the vm machine

- charmitha vm
- Clone of charmit
- lallu
- Clone of chu
- Clone of lallu
- charmitha v

lallu

Power on this virtual machine

Edit virtual machine settings

Devices

Memory	2 GB
Processors	2
Hard Disk (NVMe)	60 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Description

Type here to enter a description of this virtual machine.

Virtual Machine Settings

Hardware Options

Device	Summary
Memory	2 GB
Processors	2
Hard Disk (NVMe)	60 GB
CD/DVD (SATA)	Auto detect
Network Adapter	NAT
USB Controller	Present
Sound Card	Auto detect
Printer	Present
Display	Auto detect

Add...

Remove

Memory

Specify the amount of memory allocated to this virtual machine. The memory size must be a multiple of 4 MB.

Memory for this virtual machine: 2048 MB

128 GB
64 GB
32 GB
16 GB
8 GB
4 GB
2 GB
1 GB
512 MB
256 MB
128 MB
64 MB
32 MB
16 MB
8 MB
4 MB

Maximum recommended memory
(Memory swapping may occur beyond this size.)
6.5 GB

Recommended memory
2 GB

Guest OS recommended minimum
2 GB

OK

Cancel

Help