NETWORKING & SYSTEM ADMINISTRATION LAB

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Roll No:3

Batch:RMCA-A

Date:21-03-2022

Experiment No.: 3

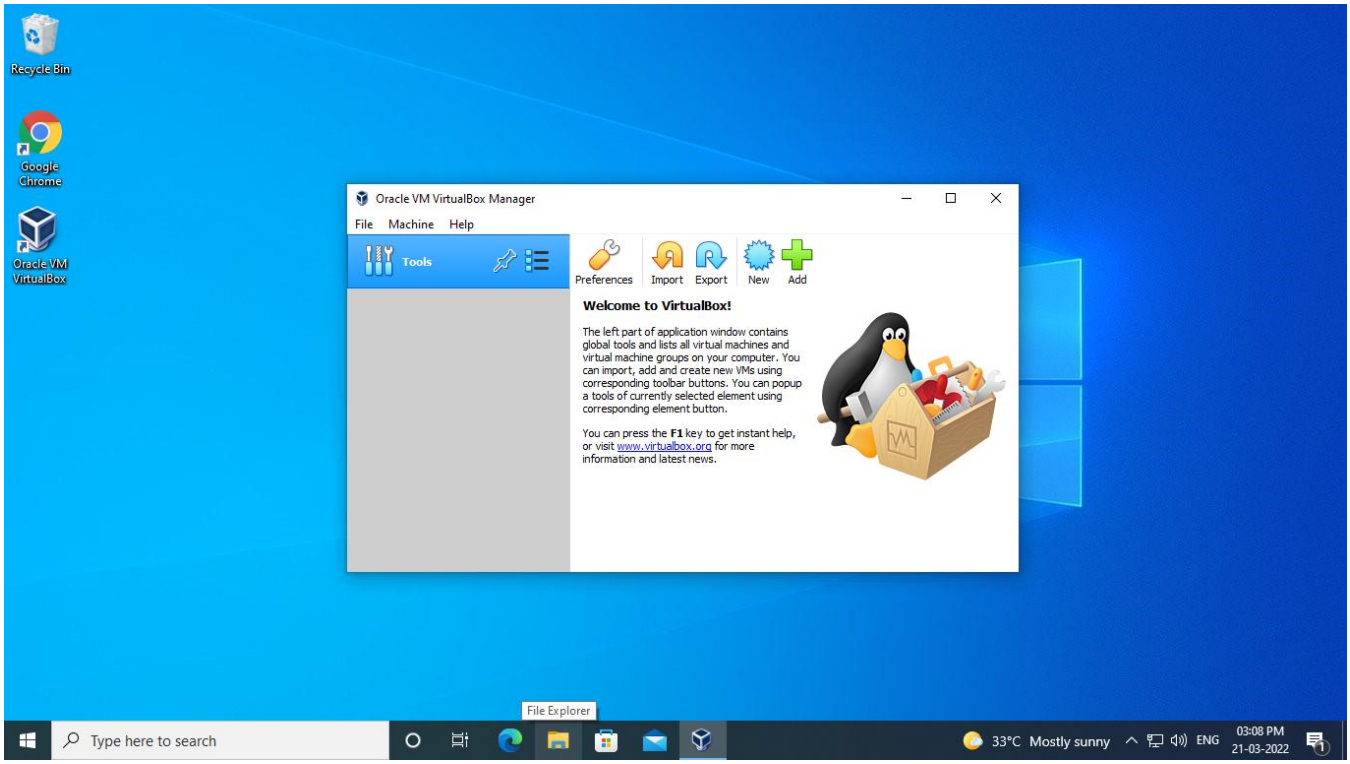
Aim

You are given a computer with very low hardware resources it is to be used as a kiosk identify and install a suitable linux distribution you can simulate it in a virtual environment?

Procedure

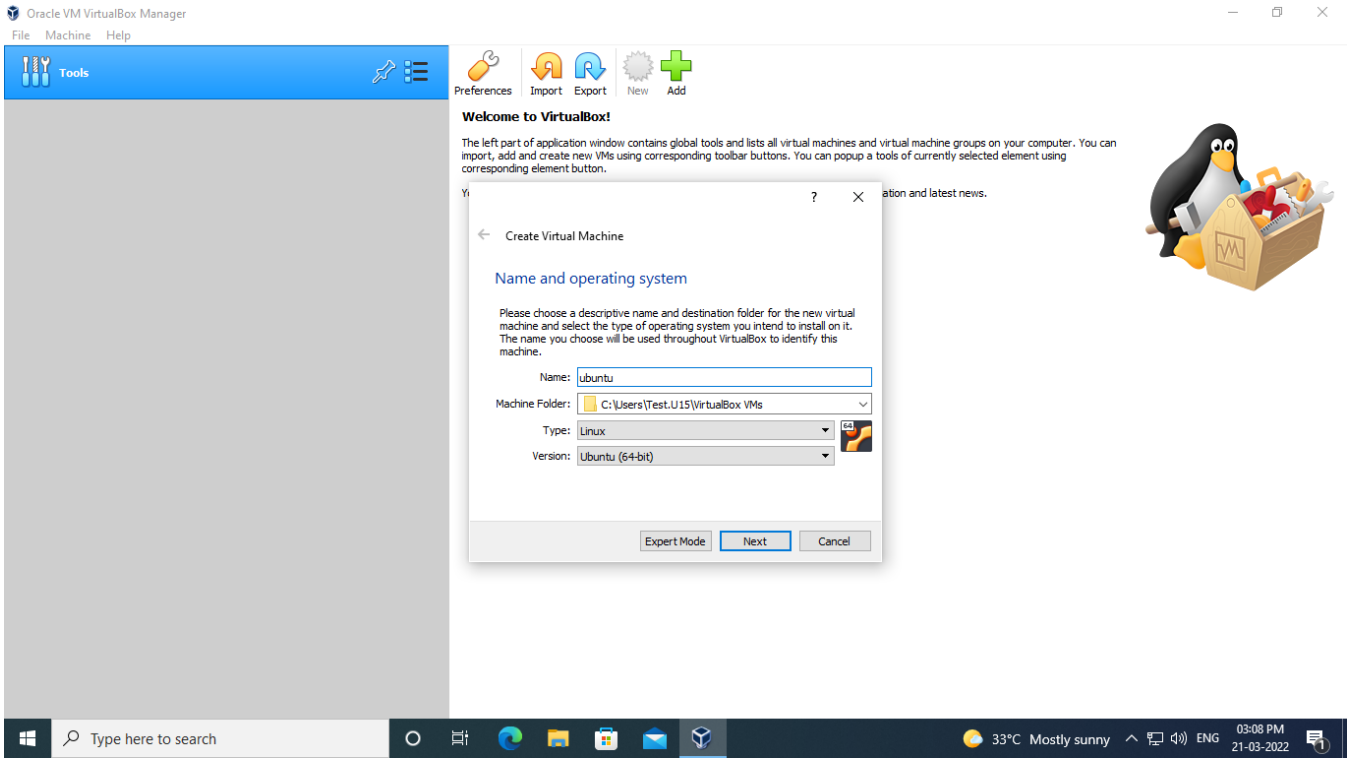
Step 1

Install virtual box.



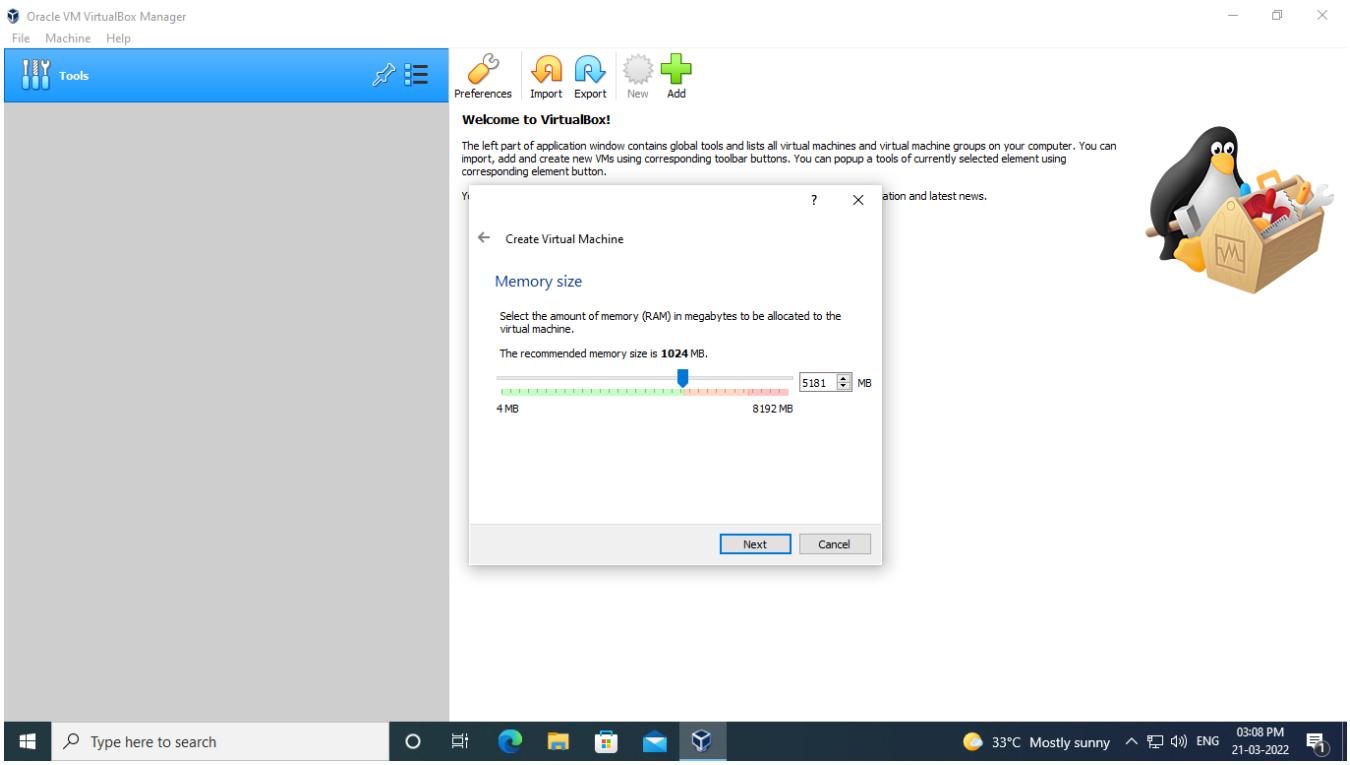
Step 2

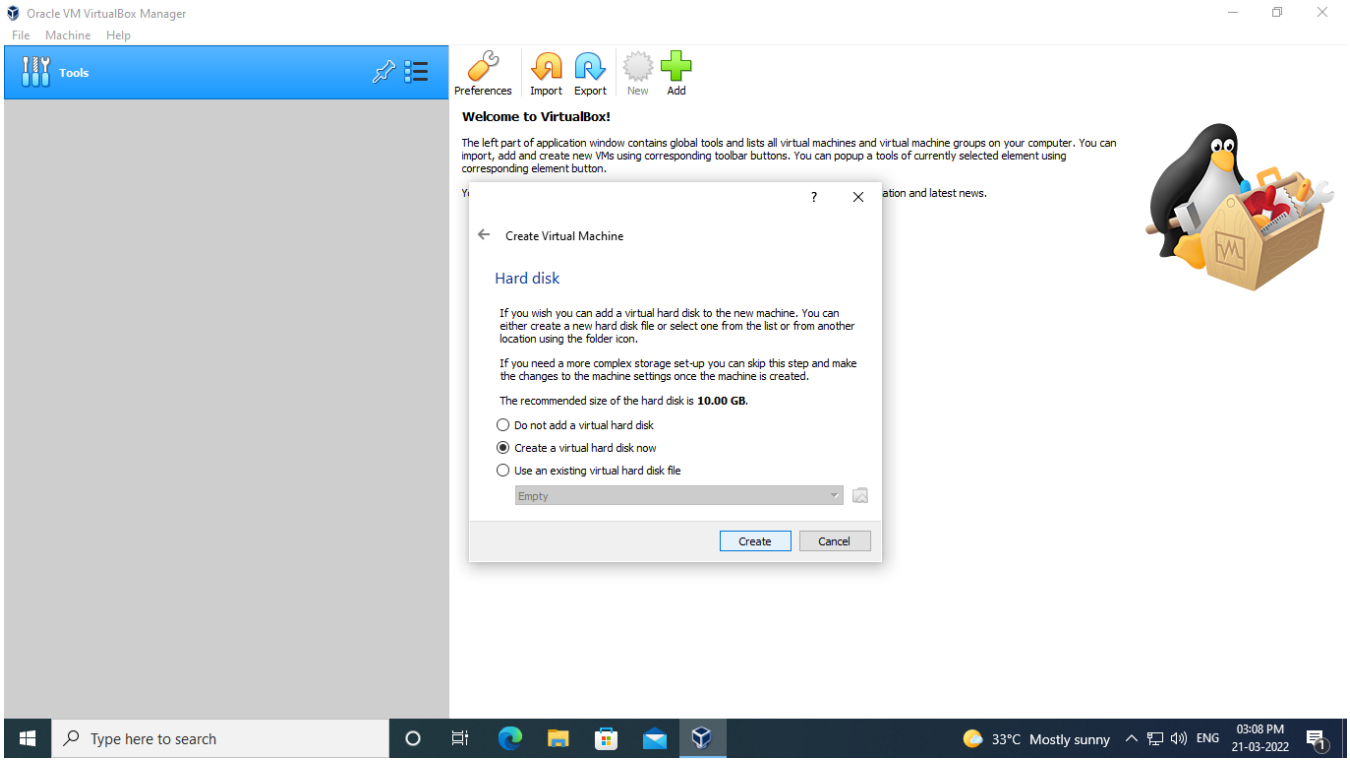
Click new to add new operating system and give it a name.

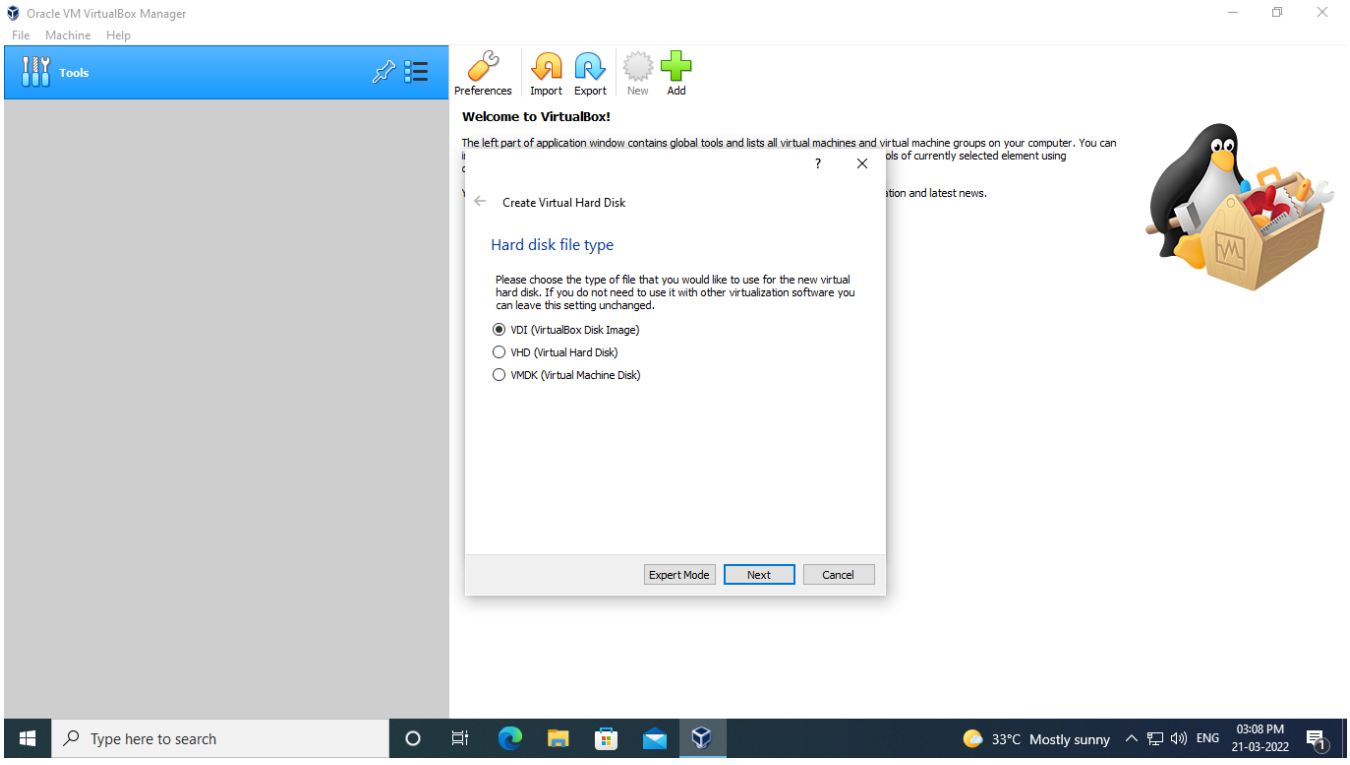


Step 3

Set size of ram required and create a virtual hard disk.




Oracle VM VirtualBox Manager
File Machine Help
Tools
Preferences Import Export New Add
Welcome to VirtualBox!
The left part of application window contains global tools and lists all virtual machines and virtual machine groups on your computer. You can import, add and create new VMs using corresponding toolbar buttons. You can popup a tools of currently selected element using corresponding element button.
Create Virtual Machine
Hard disk
If you wish you can add a virtual hard disk to the new machine. You can either create a new hard disk file or select one from the list or from another location using the folder icon.
If you need a more complex storage set-up you can skip this step and make the changes to the machine settings once the machine is created.
The recommended size of the hard disk is 10.00 GB.
Do not add a virtual hard disk
Create a virtual hard disk now
Use an existing virtual hard disk file
Empty
Create
Cancel
Type here to search
33°C Mostly sunny
ENG
03:08 PM
21-03-2022


Oracle VM VirtualBox Manager
File Machine Help
Tools
Preferences Import Export New Add
Welcome to VirtualBox!
The left part of application window contains global tools and lists all virtual machines and virtual machine groups on your computer. You can
Create Virtual Hard Disk
Hard disk file type
Please choose the type of file that you would like to use for the new virtual hard disk. If you do not need to use it with other virtualization software you can leave this setting unchanged.
VDI (VirtualBox Disk Image)
VHD (Virtual Hard Disk)
VMDK (Virtual Machine Disk)
Expert Mode
Next
Cancel
Type here to search
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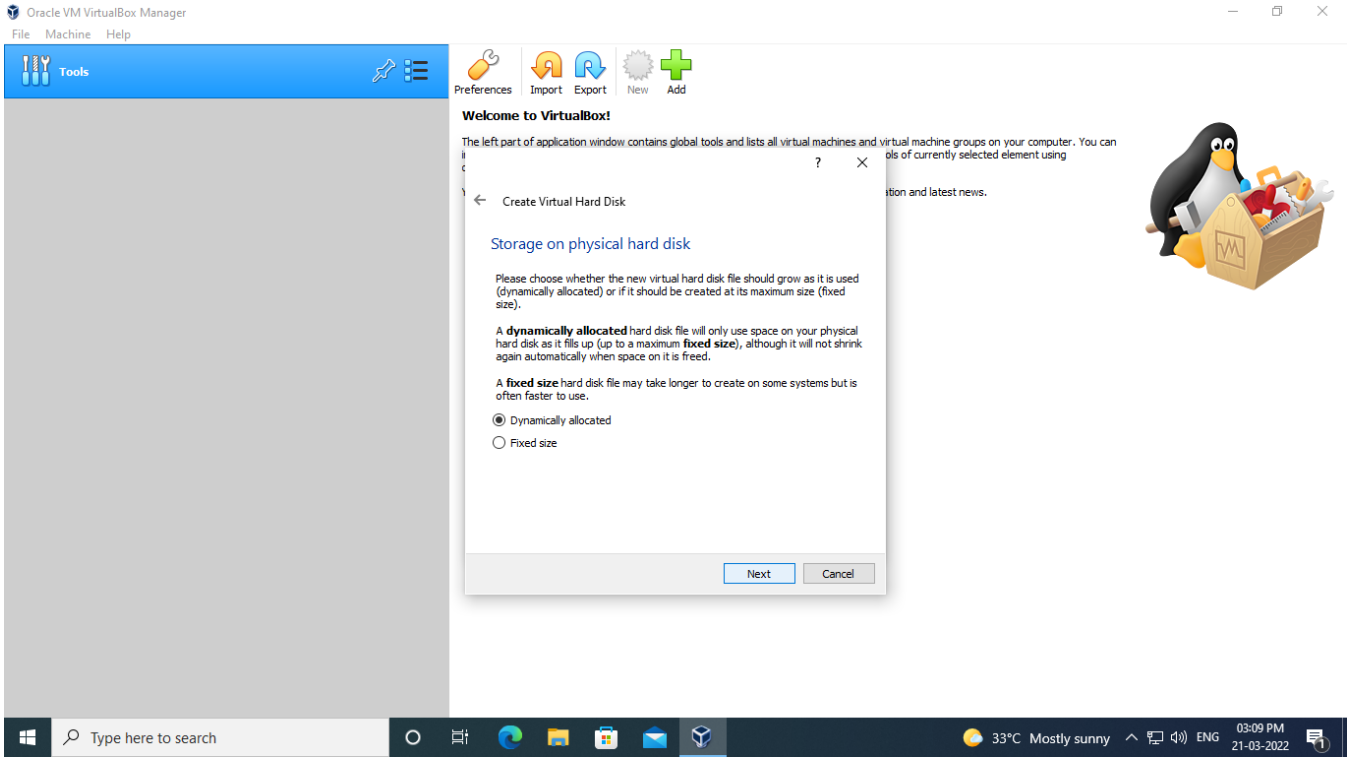
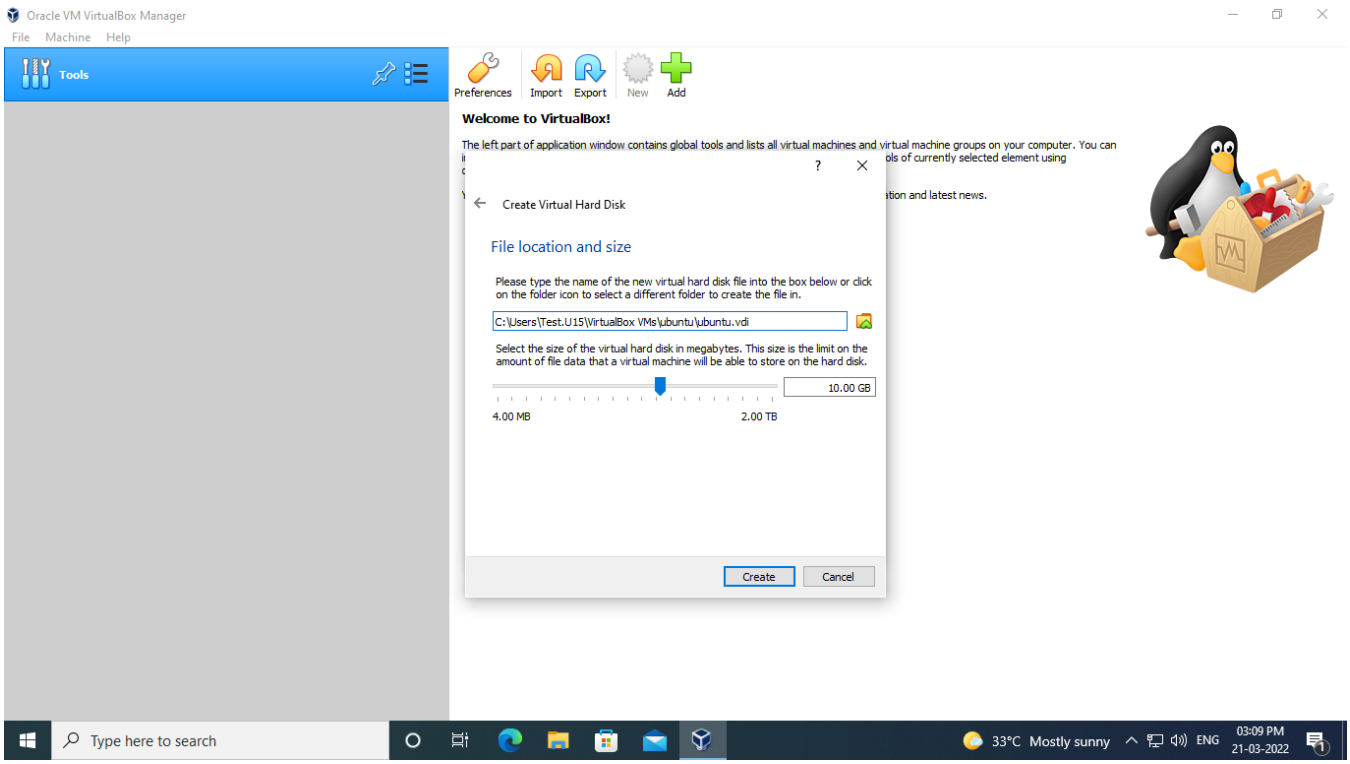
Step 4

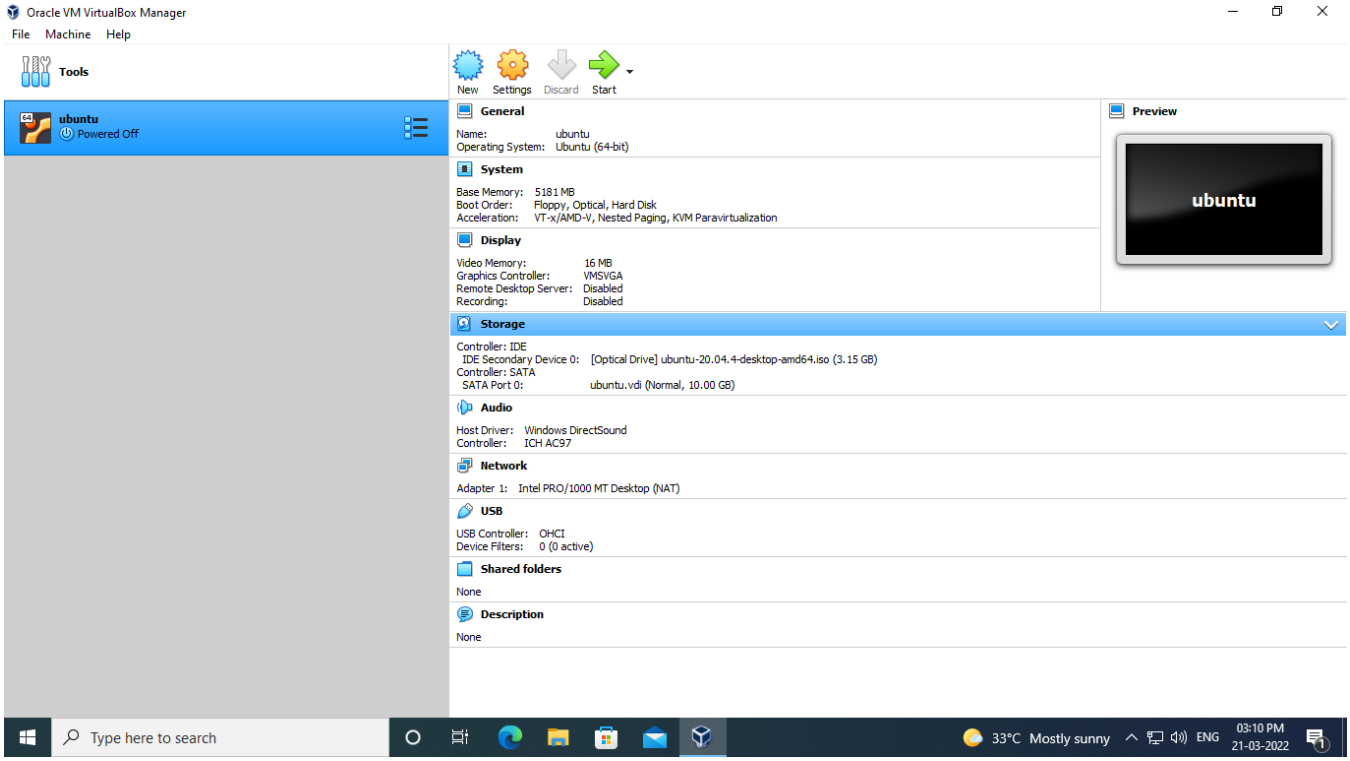
Set memory type to dynamically allocated and add location of the iso file .

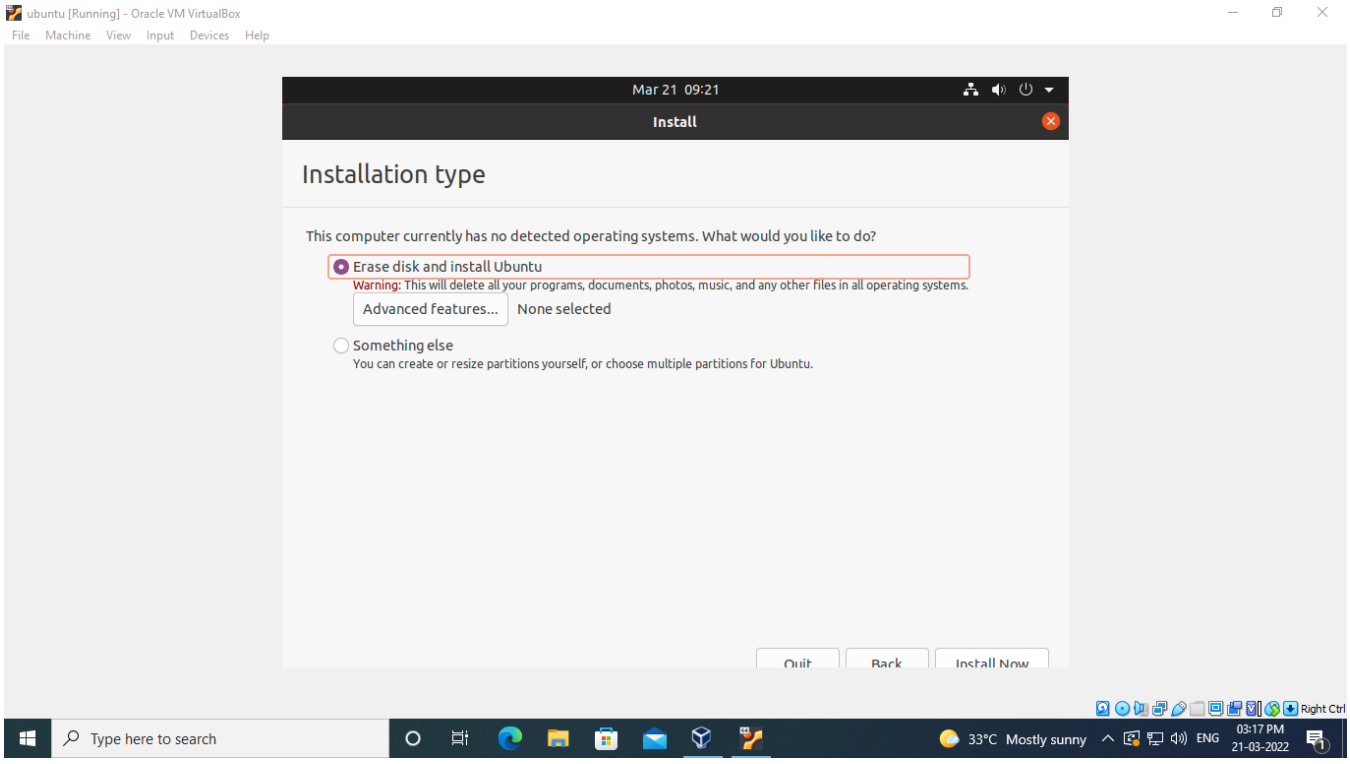


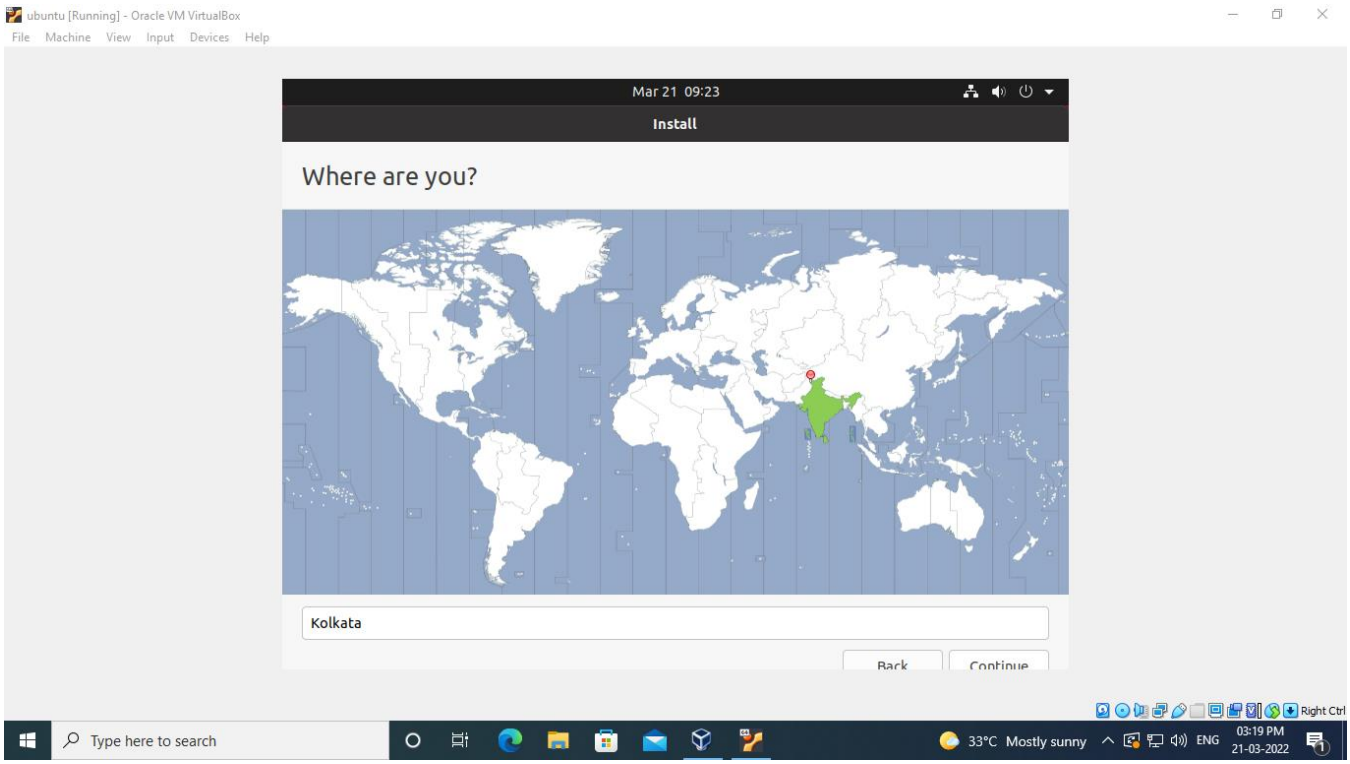


Step 5

Click the start arrow to run the os.

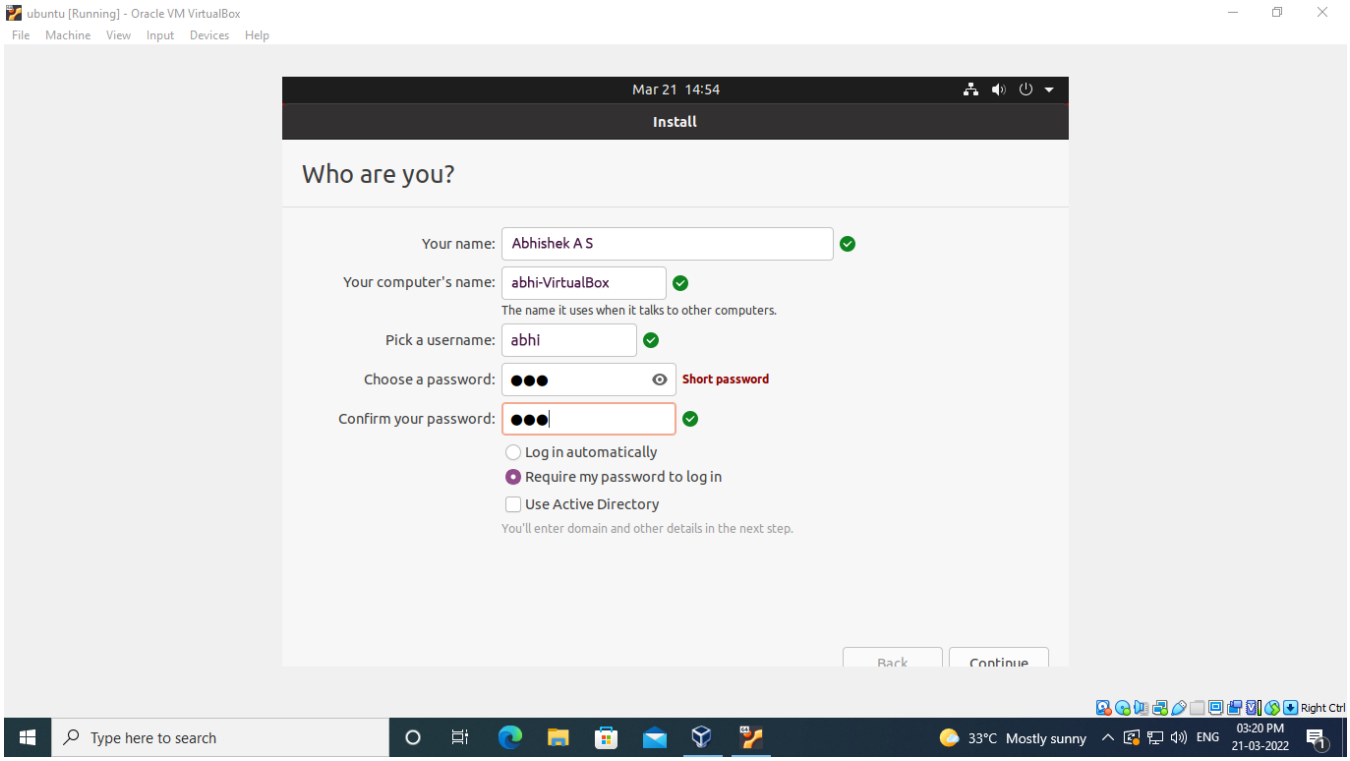


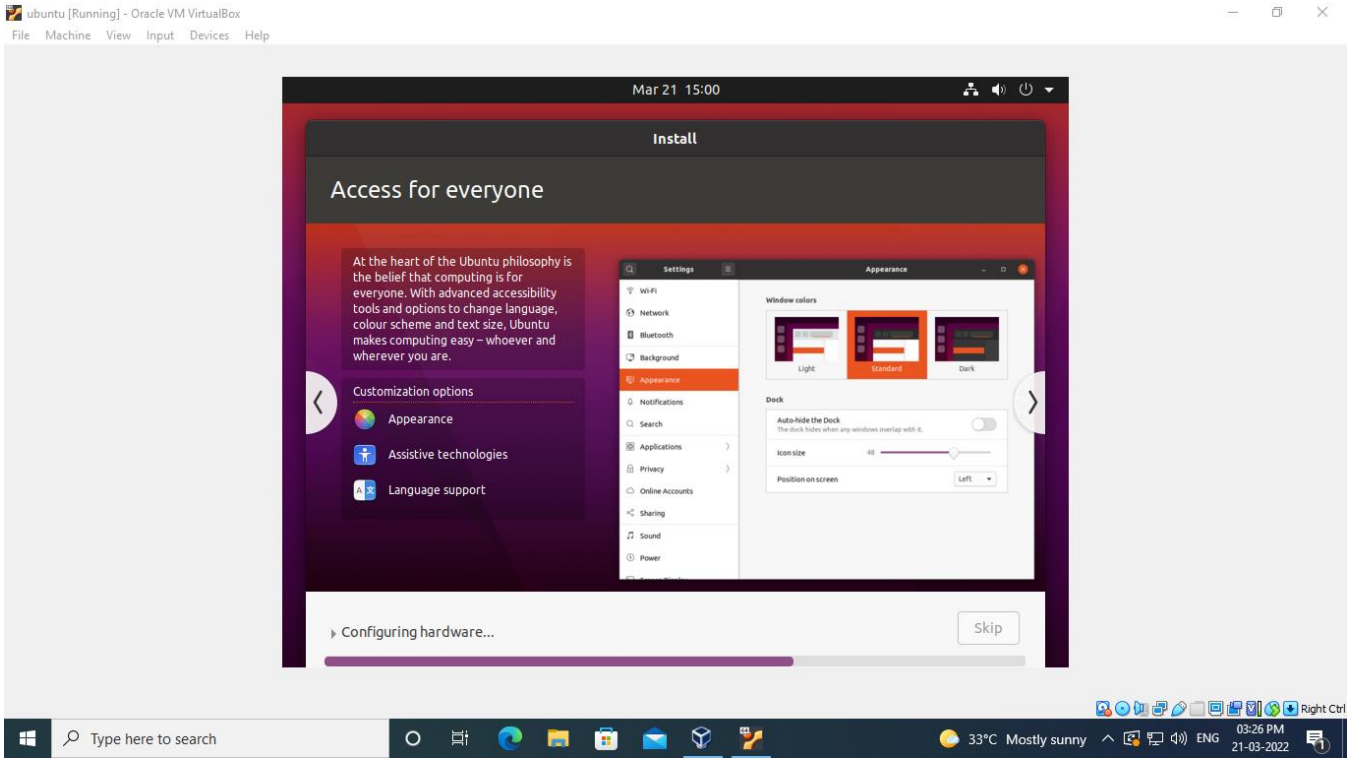




Step 6

Set your username and password




ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Mar 21 15:00
Install
Access for everyone
At the heart of the Ubuntu philosophy is the belief that computing is for everyone. With advanced accessibility tools and options to change language, colour scheme and text size, Ubuntu makes computing easy – whoever and wherever you are.
Customization options
Appearance
Assistive technologies
Language support
Configuring hardware...
Skip
Type here to search
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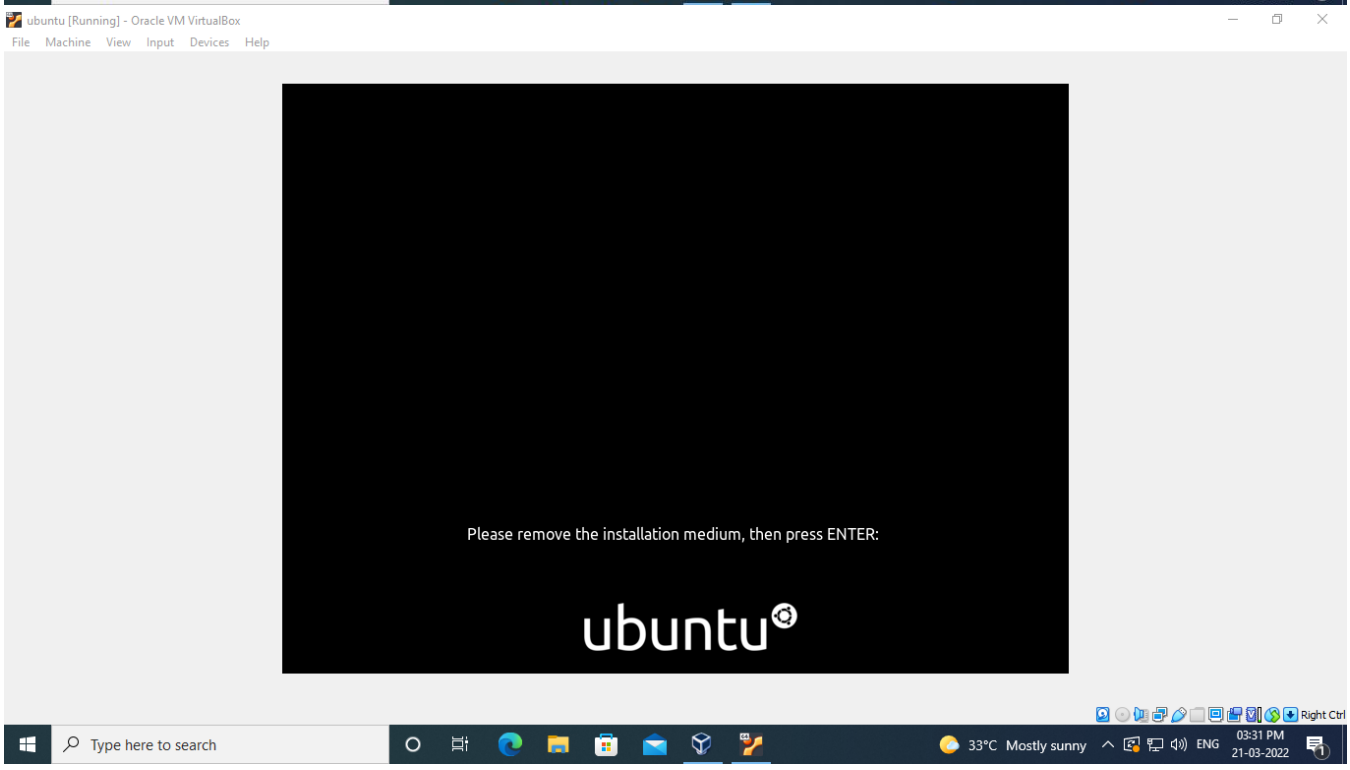
21-03-2022
Right Ctrl


ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Please remove the installation medium, then press ENTER:
ubuntu
Type here to search
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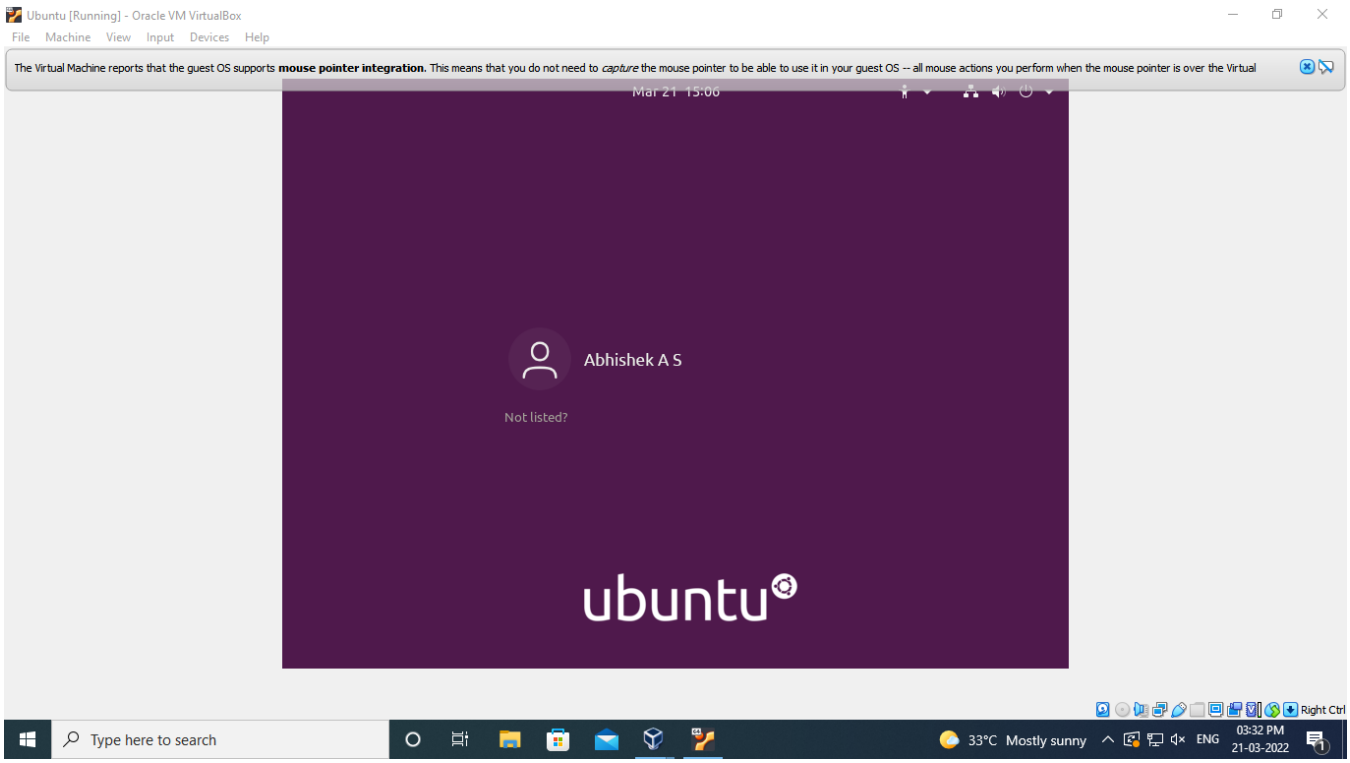
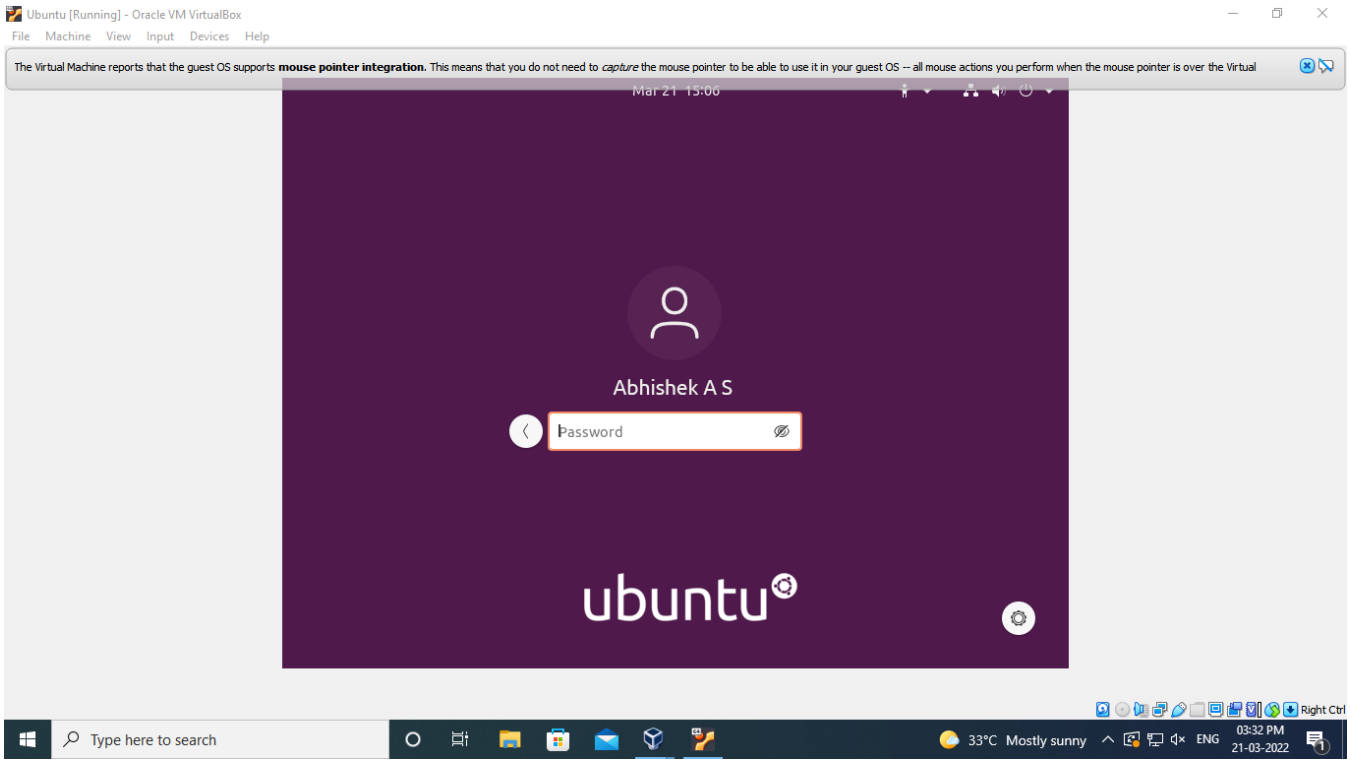
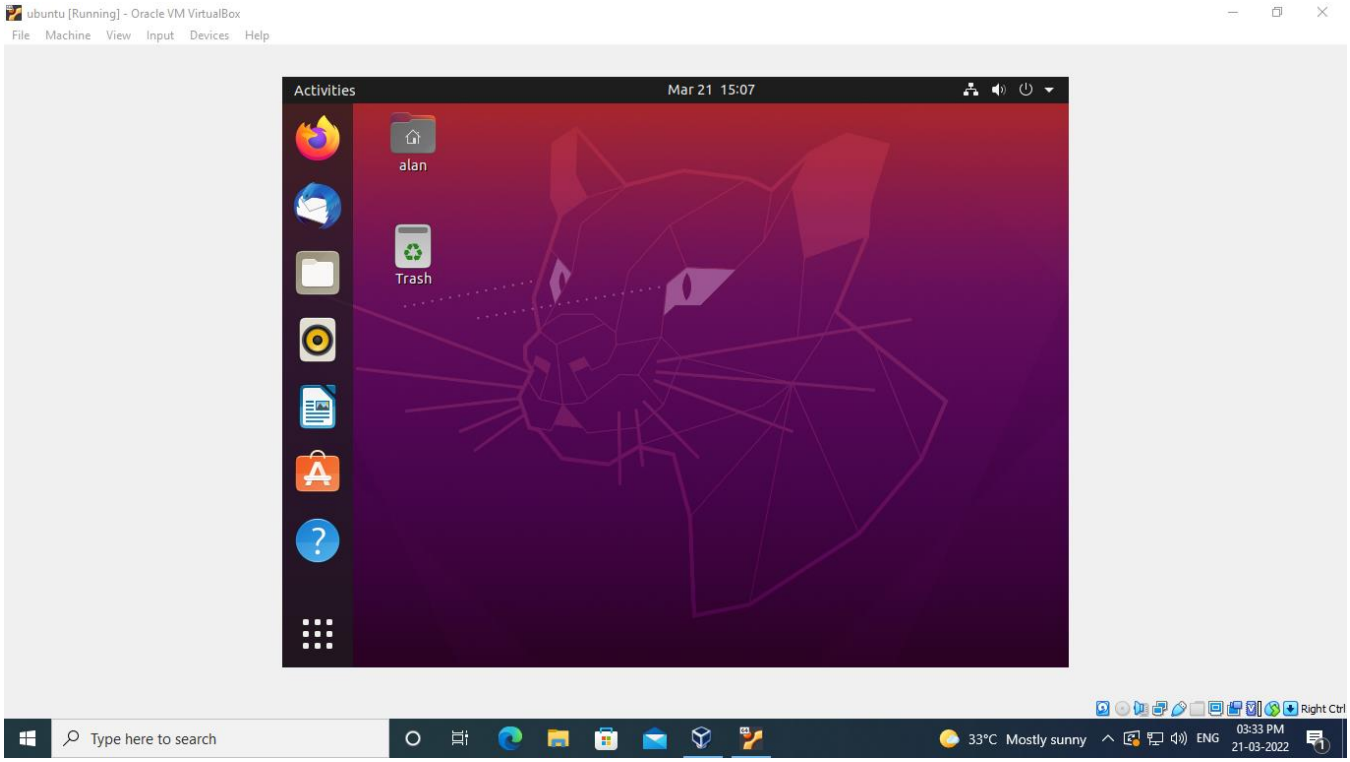
21-03-2022
Right Ctrl

Step 7

Login to the user using your password.






ubuntu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Activities
Mar 21 15:07
alan
Trash
Type here to search
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21-03-2022
Right Ctrl