NETWORKING & SYSTEM ADMINISTRATION LAB

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Roll No:09

Batch: MCA A

Date: 21/03/22

Experiment No.: 3

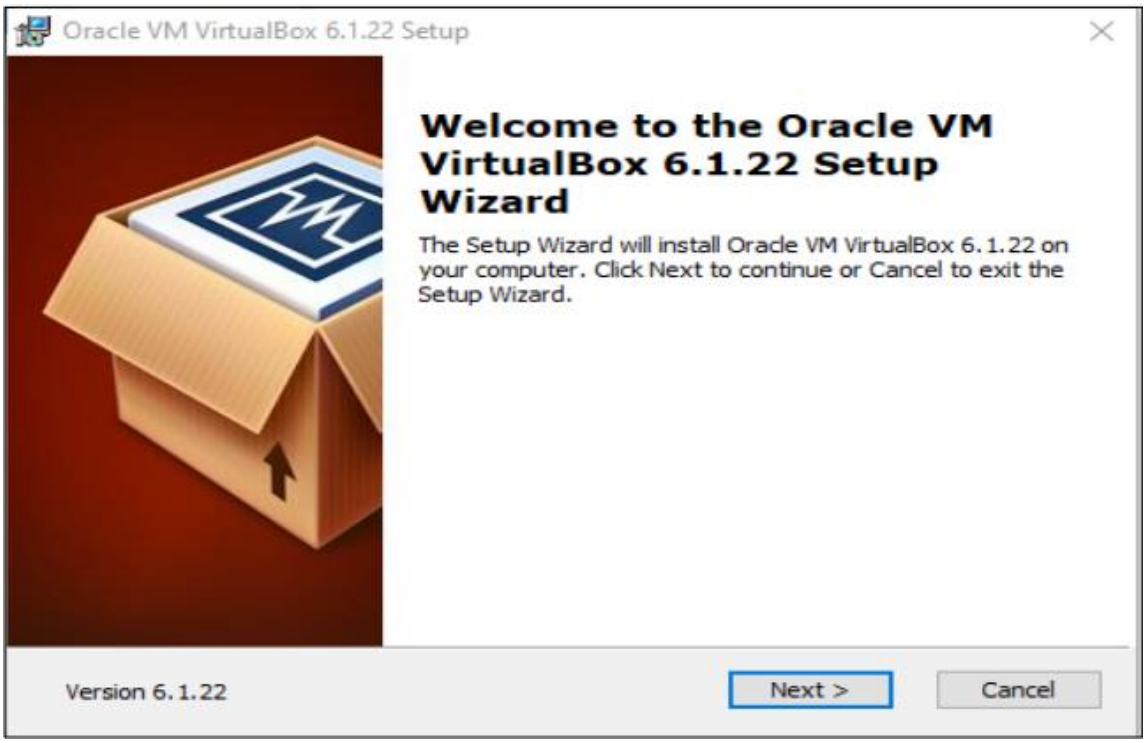
Aim

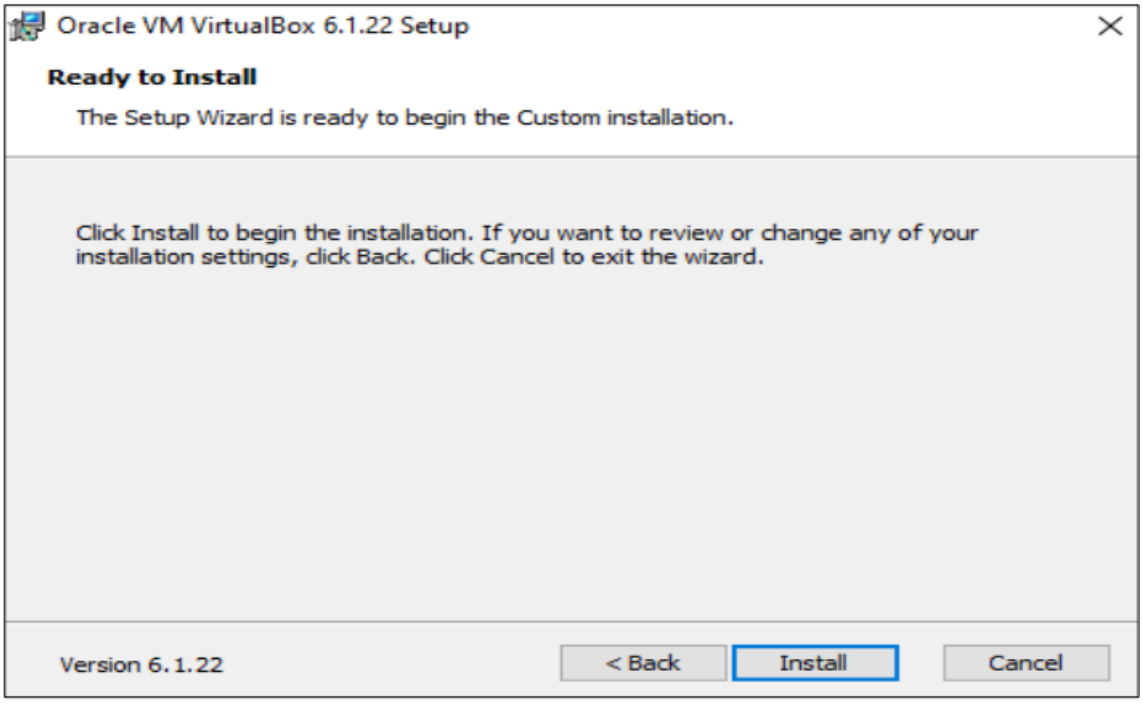
You are given a computer with very low hardware resources. It is to be used as a kiosk. Identify and install a suitable Linux distribution. You can stimulate in a virtual environment.

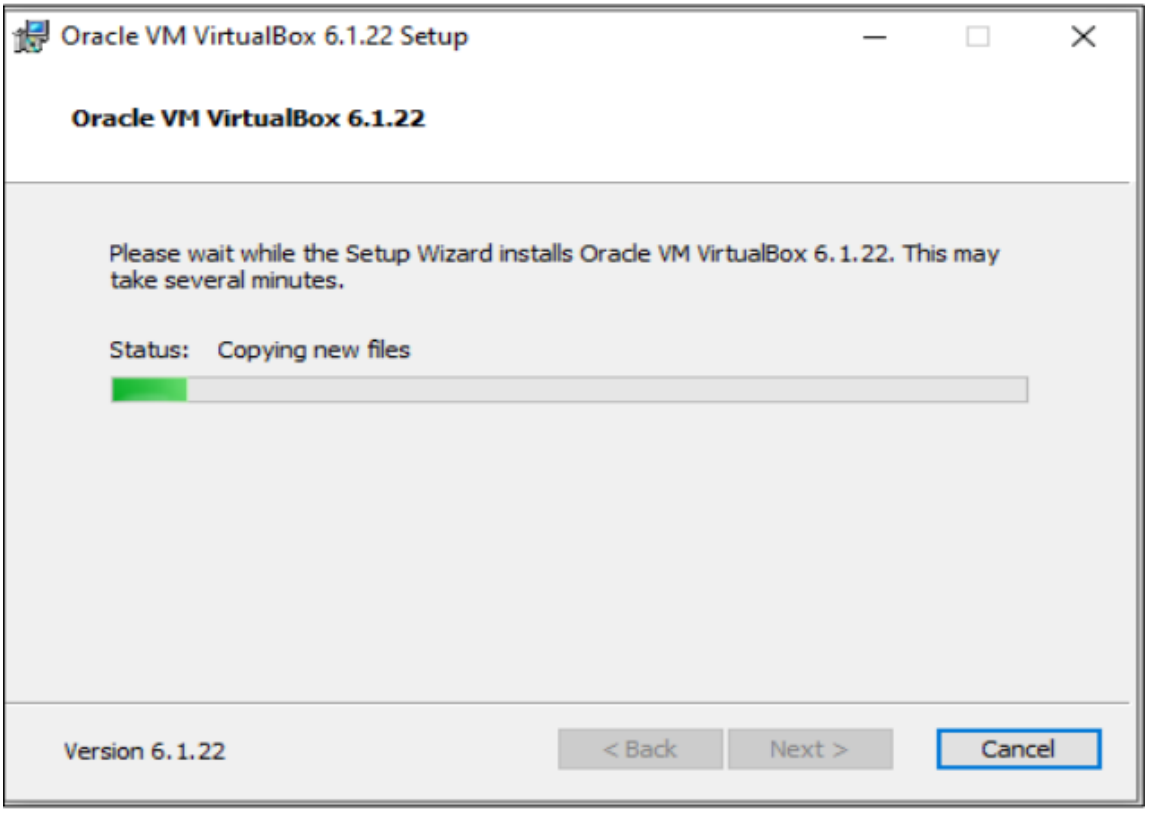
Procedure

Steps:

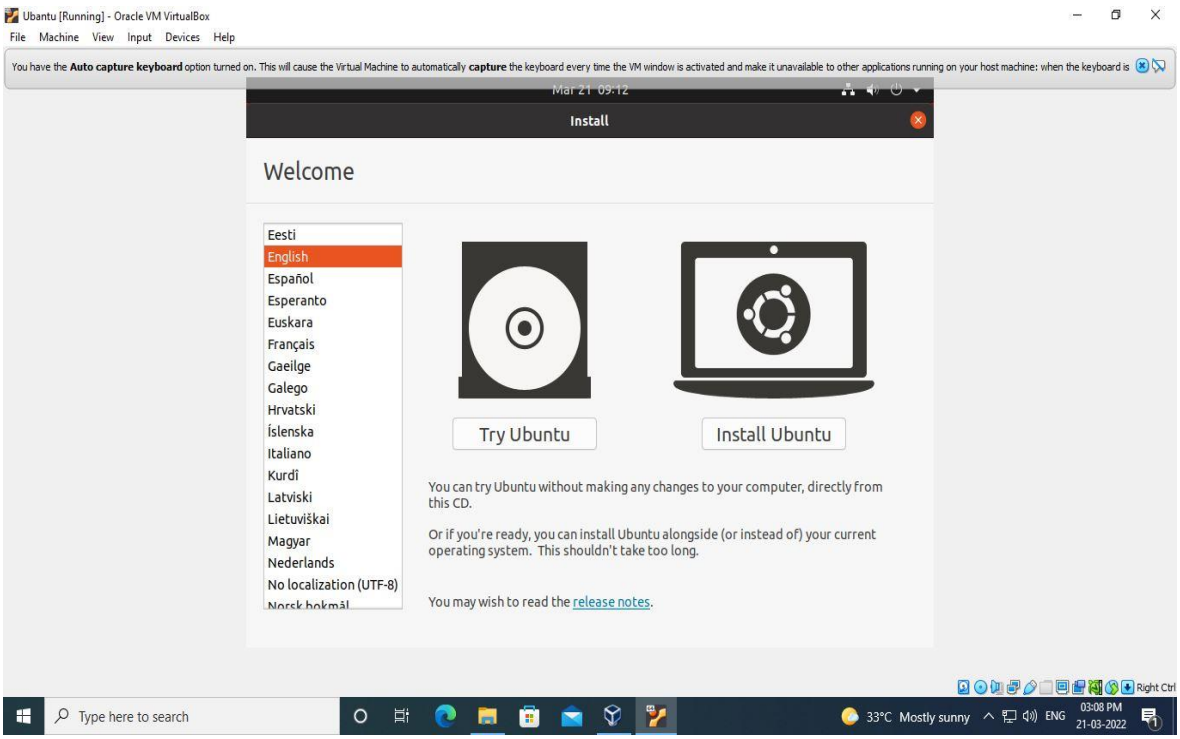
1. Download and install Oracle VM VirtualBox 6.1.22.

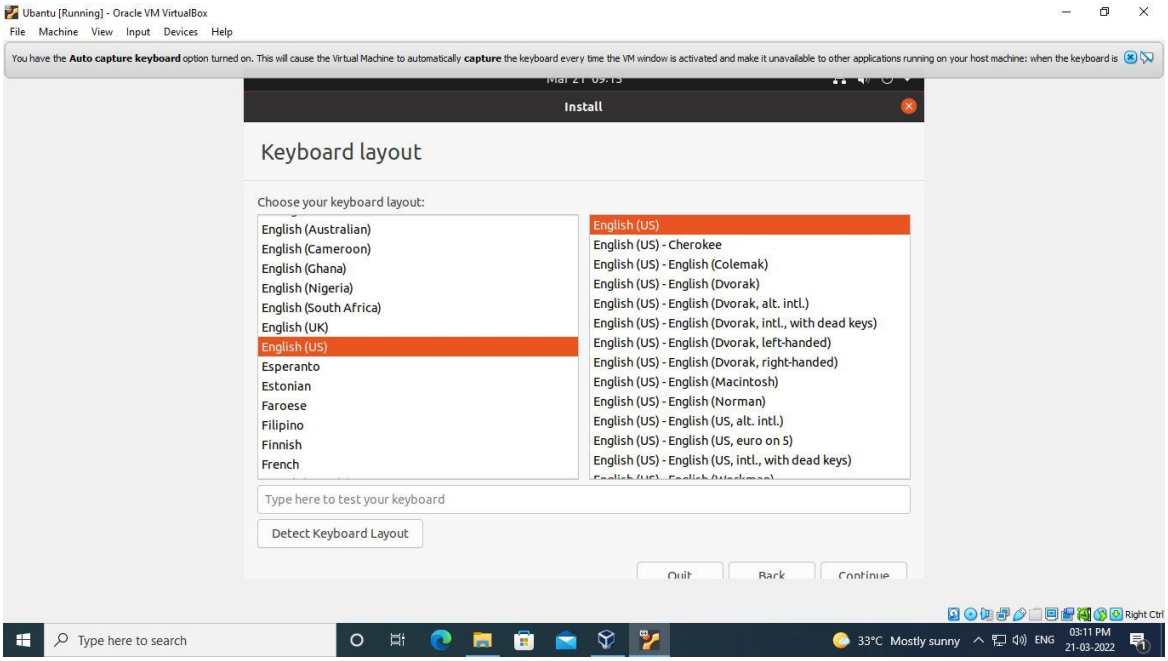


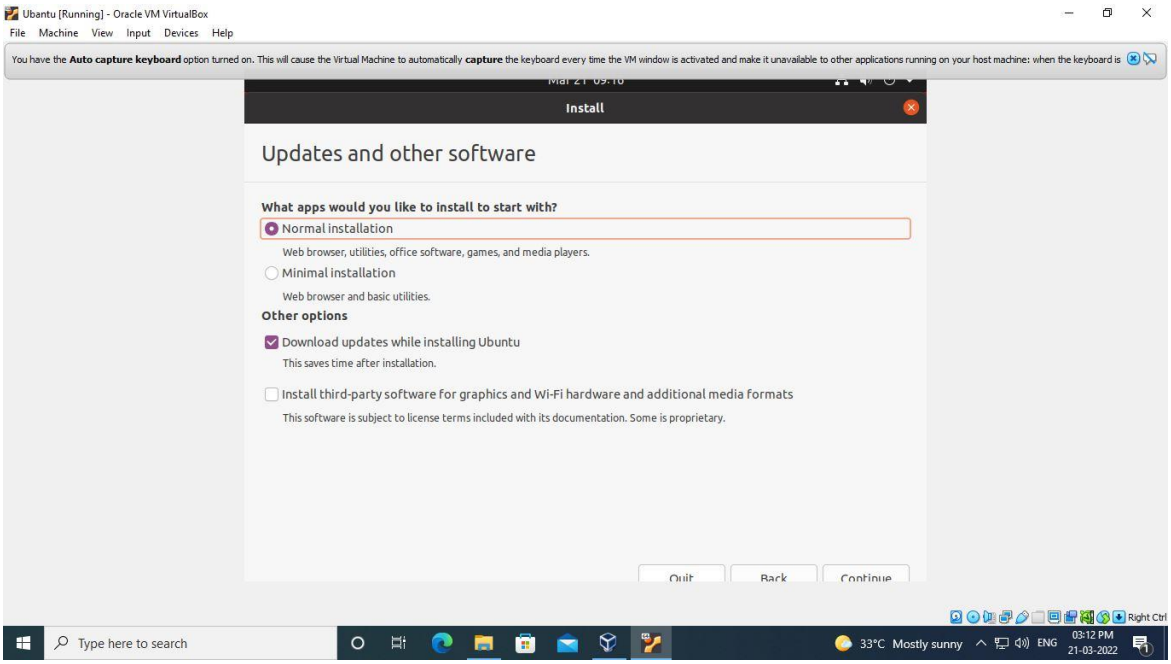

Oracle VM VirtualBox 6.1.22 Setup
Ready to Install
The Setup Wizard is ready to begin the Custom installation.
Click Install to begin the installation. If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
Version 6.1.22
< Back
Install
Cancel


Oracle VM VirtualBox 6.1.22 Setup
Oracle VM VirtualBox 6.1.22
Please wait while the Setup Wizard installs Oracle VM VirtualBox 6.1.22. This may take several minutes.
Status: Copying new files
Version 6.1.22
< Back
Next >
Cancel

2. Click New to add OS(Ubuntu) to VirtualBox.
3. Add a name to Guest OS.
4. Add Memory size and file location with size for OS.
5. Click on storage in VirtualBox
6. Click on Empty disk under Controller:IDE – choose iso image file of Ubuntu then Disk image on right side(Optical drive option)
7. Setup is complete click on Start.
8. Click to install Ubantu.




Ubantu [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
You have the Auto capture keyboard option turned on. This will cause the Virtual Machine to automatically capture the keyboard every time the VM window is activated and make it unavailable to other applications running on your host machine: when the keyboard is
Install
Keyboard layout
Choose your keyboard layout:
English (Australian)
English (Cameroon)
English (Ghana)
English (Nigeria)
English (South Africa)
English (UK)
English (US)
Esperanto
Estonian
Faroese
Filipino
Finnish
French
English (US)
English (US) - Cherokee
English (US) - English (Colemak)
English (US) - English (Dvorak)
English (US) - English (Dvorak, alt. intl.)
English (US) - English (Dvorak, intl., with dead keys)
English (US) - English (Dvorak, left-handed)
English (US) - English (Dvorak, right-handed)
English (US) - English (Macintosh)
English (US) - English (Norman)
English (US) - English (US, alt. intl.)
English (US) - English (US, euro on 5)
English (US) - English (US, intl., with dead keys)
Type here to test your keyboard
Detect Keyboard Layout
Quit
Back
Continue
Type here to search
33°C Mostly sunny
ENG
03:11 PM
21-03-2022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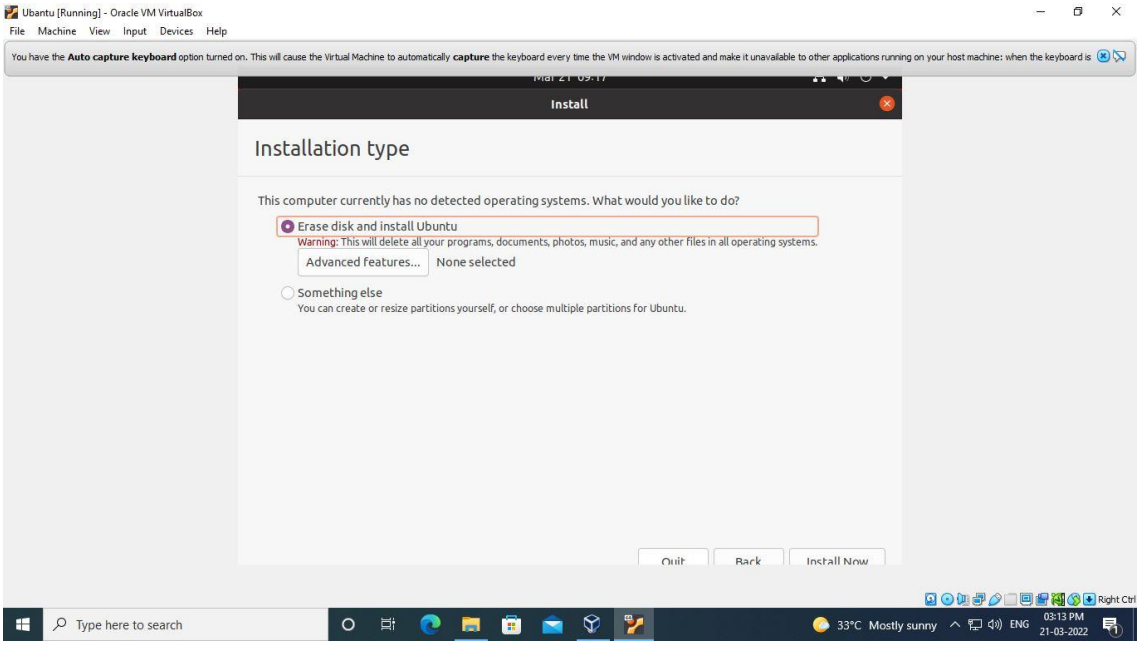
Install
Updates and other software
What apps would you like to install to start with?
Normal installation
Web browser, utilities, office software, games, and media players.
Minimal installation
Web browser and basic utilities.
Other options
Download updates while installing Ubuntu
This saves time after installation.
Install third-party software for graphics and Wi-Fi hardware and additional media formats
This software is subject to license terms included with its documentation. Some is proprietary.
Quit
Back
Continue
Type here to search
33°C Mostly sunny
ENG
03:12 PM
21-03-2022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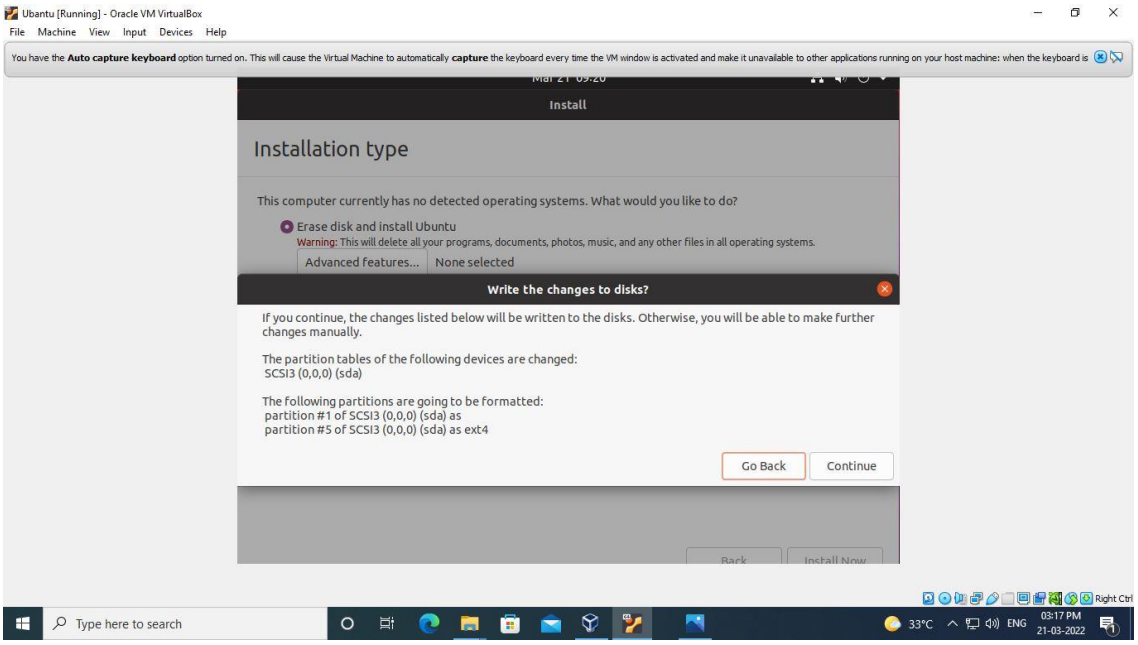
Install
Installation type
This computer currently has no detected operating systems. What would you like to do?
Erase disk and install Ubuntu
Warning: This will delete all your programs, documents, photos, music, and any other files in all operating systems.
Advanced features...
None selected
Something else
You can create or resize partitions yourself, or choose multiple partitions for Ubuntu.
Quit
Back
Install Now
Type here to search
33°C Mostly sunny
ENG
03:13 PM
21-03-2022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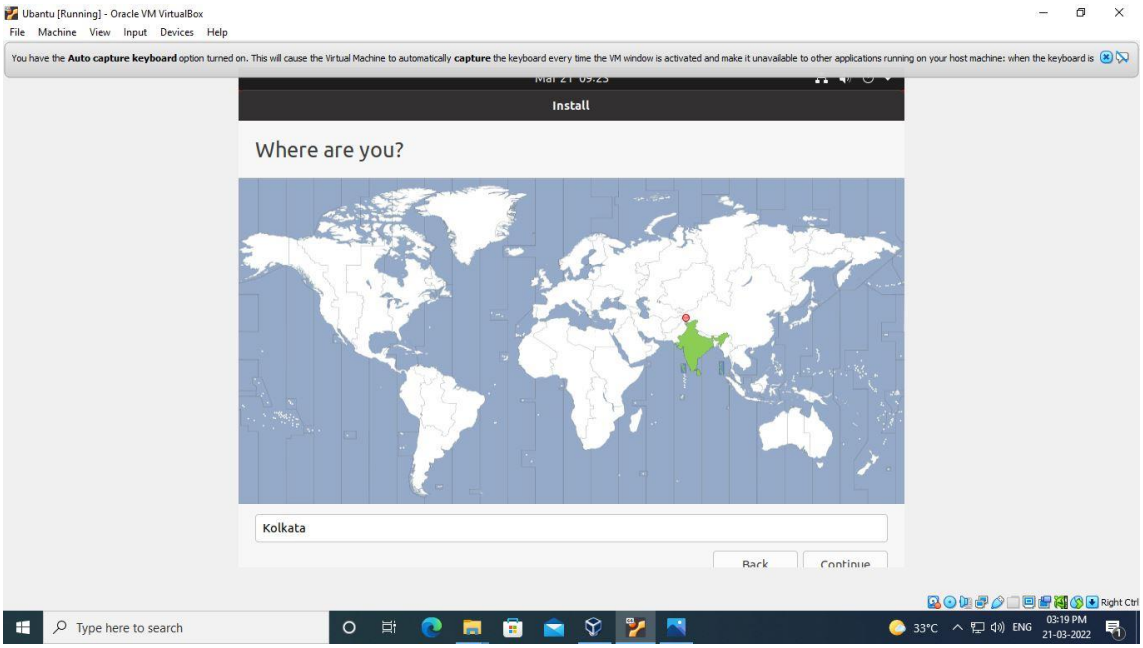
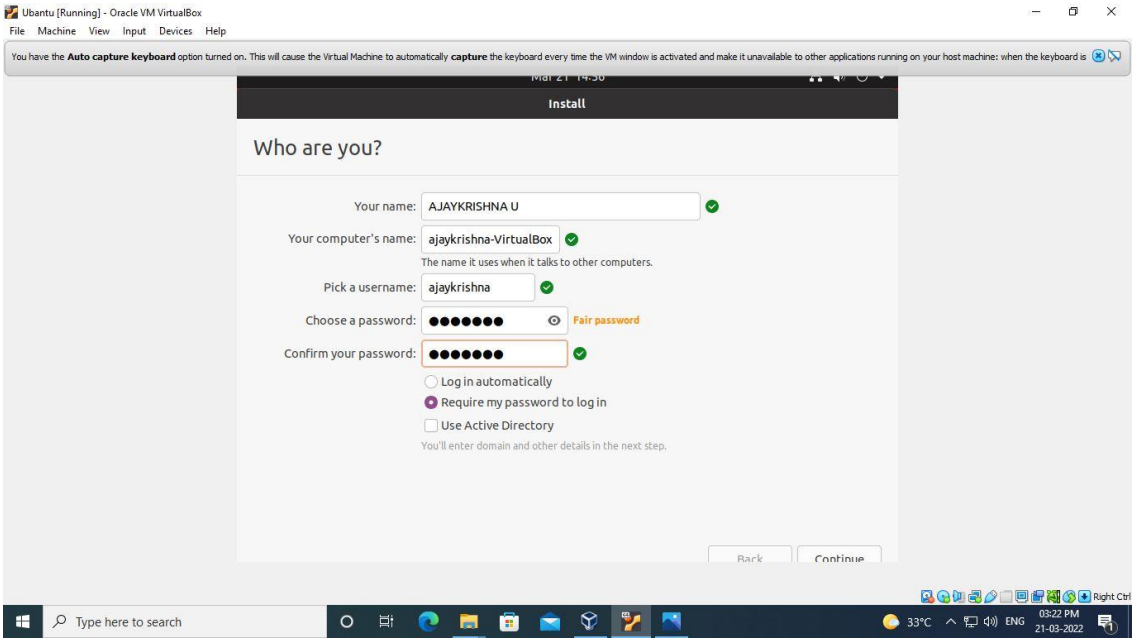
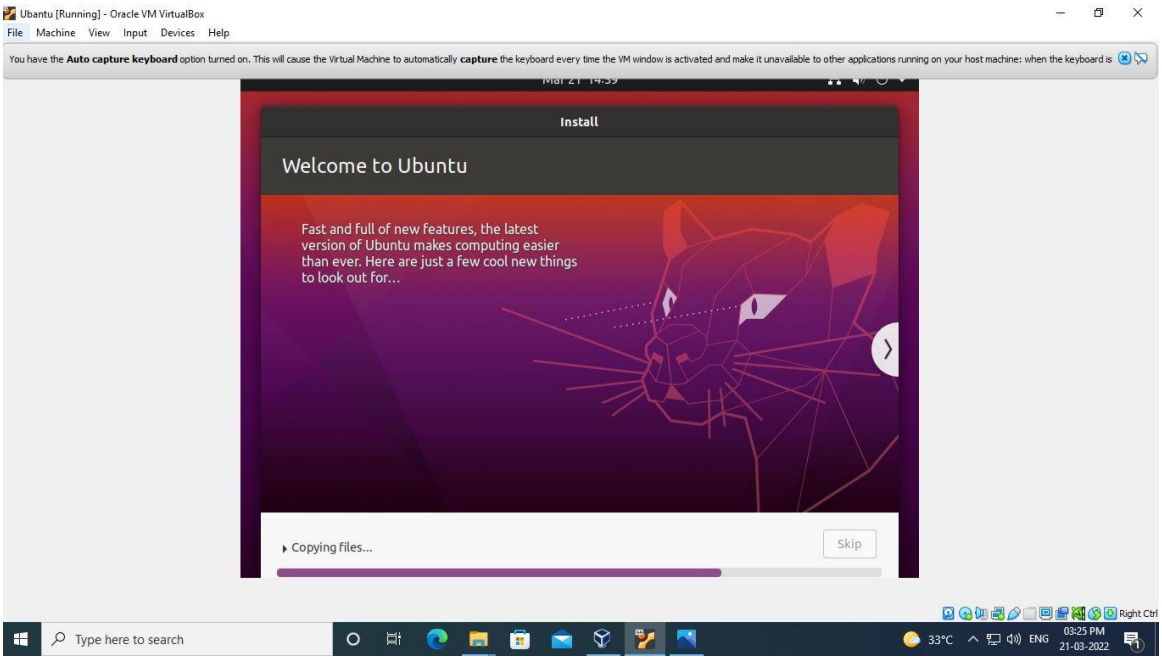
Install
Installation type
This computer currently has no detected operating systems. What would you like to do?
Erase disk and install Ubuntu
Warning: This will delete all your programs, documents, photos, music, and any other files in all operating systems.
Advanced features...
None selected
Write the changes to disks?
If you continue, the changes listed below will be written to the disks. Otherwise, you will be able to make further changes manually.
The partition tables of the following devices are changed:
SCSI3 (0,0,0) (sda)
The following partitions are going to be formatted:
partition #1 of SCSI3 (0,0,0) (sda) as
partition #5 of SCSI3 (0,0,0) (sda) as ext4
Go Back
Continue
Back
Install Now
Type here to search
33°C
ENG
03:17 PM
21-03-2022

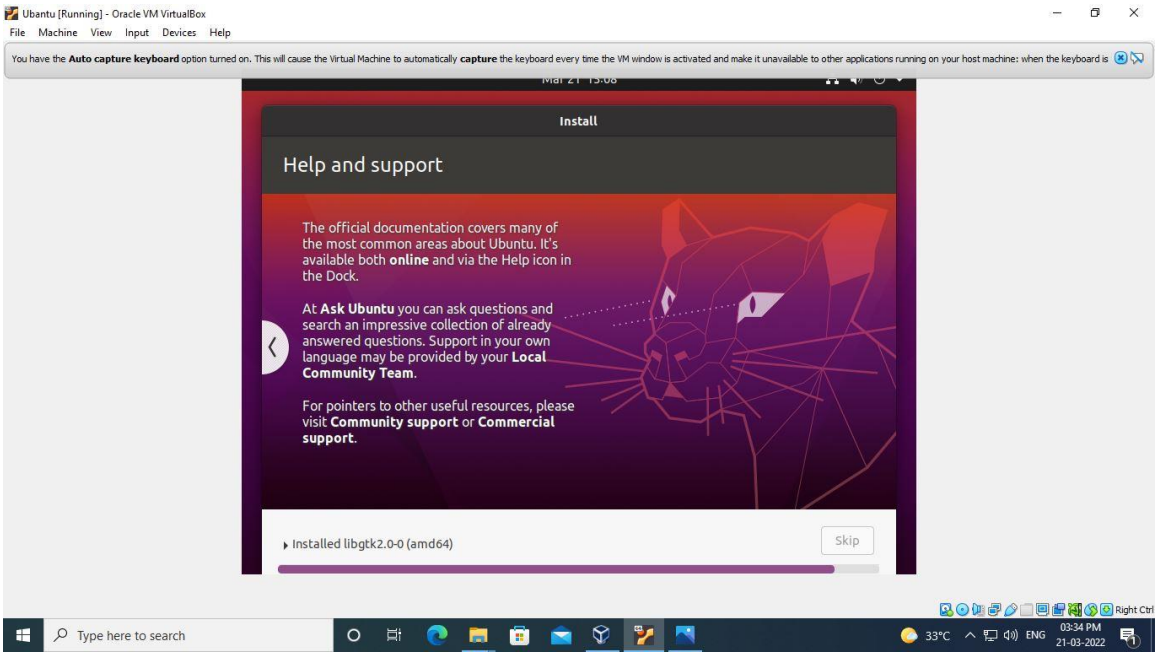


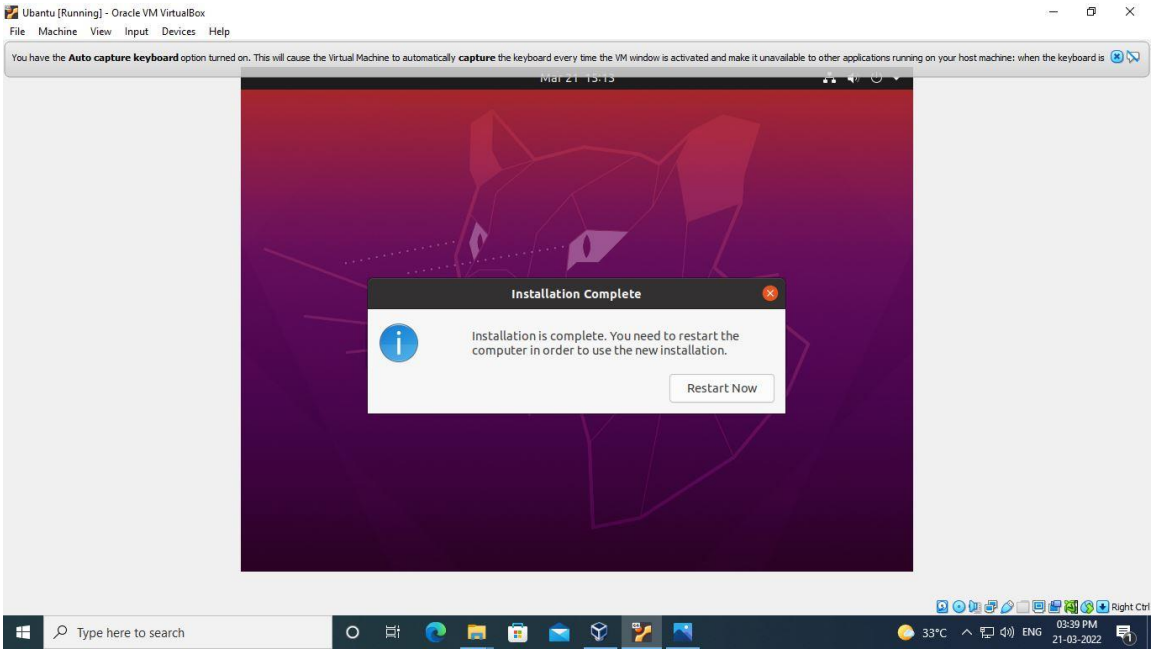
9. Create Name and Password for the Guest OS.



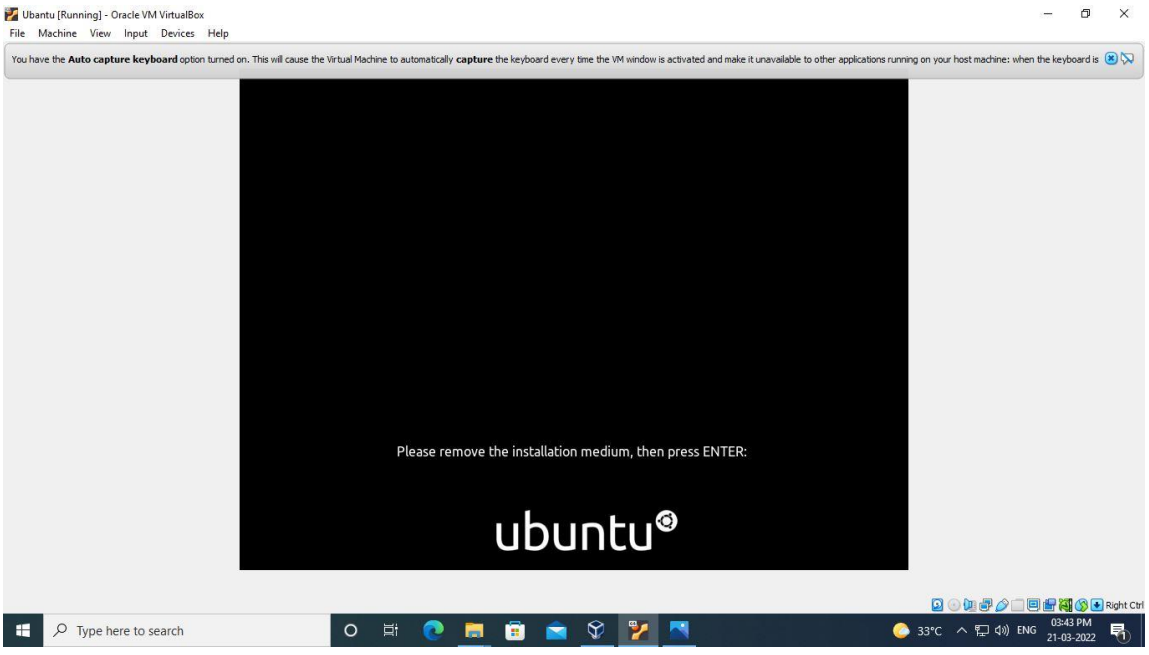
10. Guest OS installation begins.



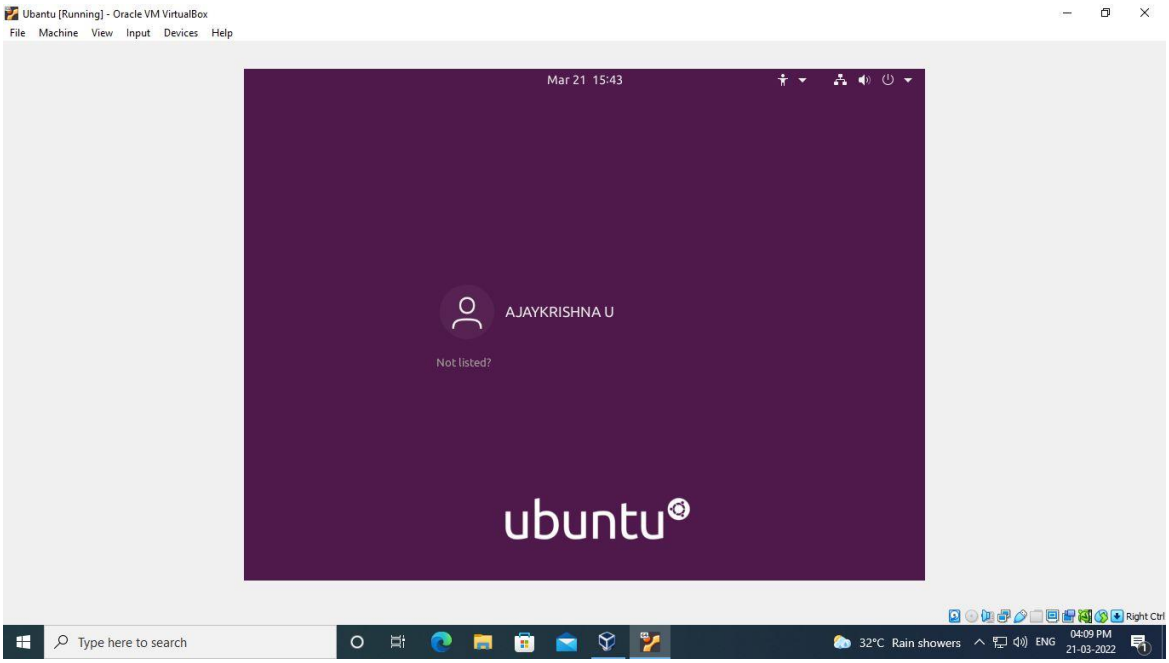




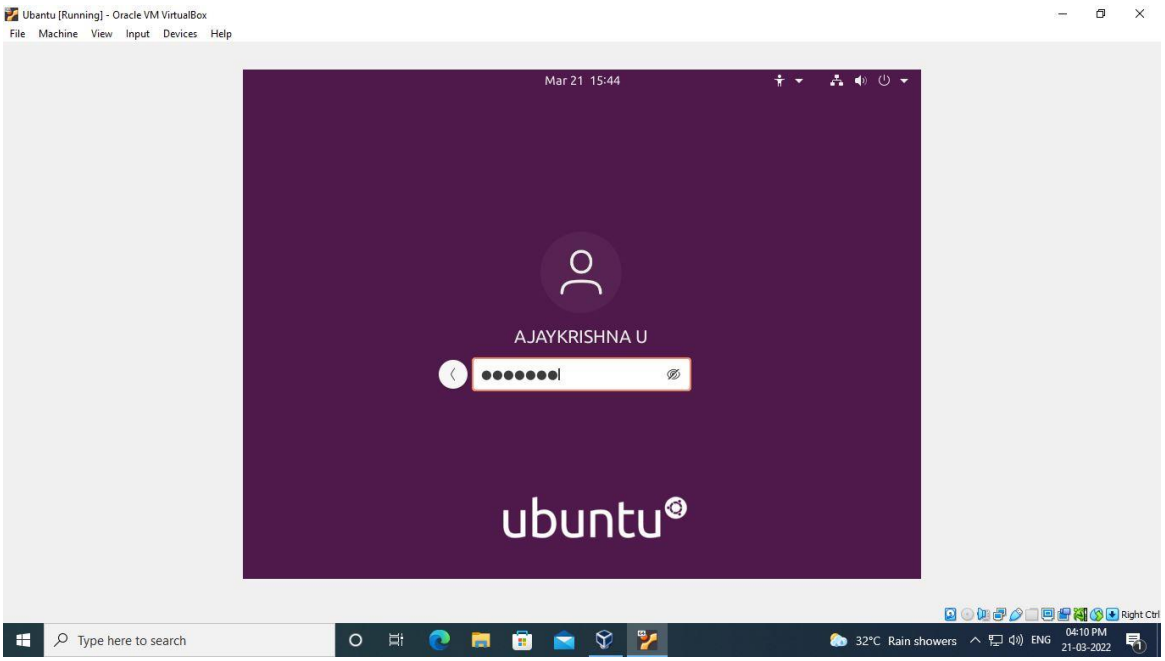
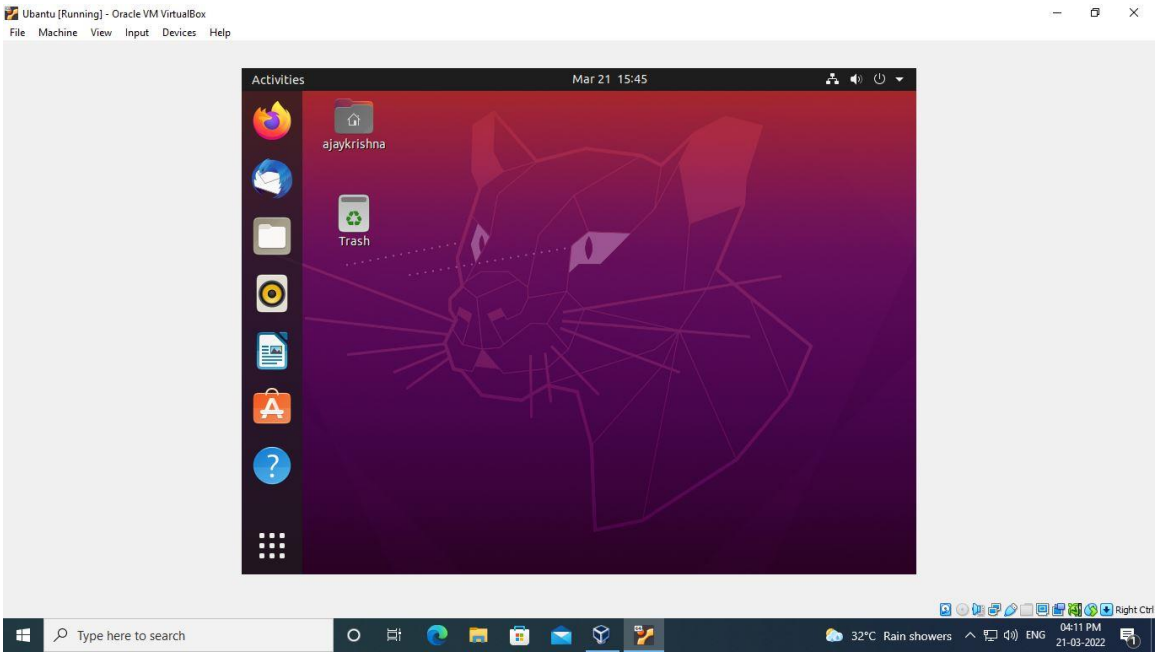
11. Click on restart now.



12.Select the User.



13.Enter the password.



14.Now the virtual Guest OS is operaional.