RABIA BATOOL

2022-BSE-064

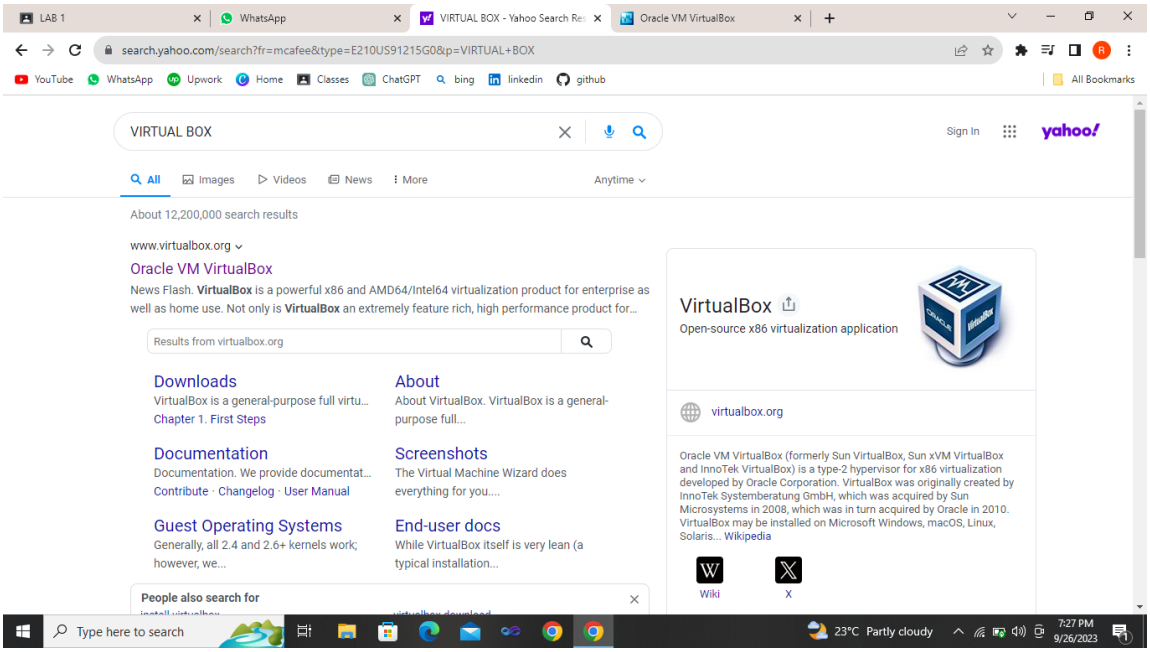
Operating system

Submit to :Sir Nasir

Operating system

Task 1

Virtual box installation



LAB 1
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VIRTUAL BOX - Yahoo Search Re
Oracle VM VirtualBox
virtualbox.org
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Upwork
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ChatGPT
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search...
Login
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Start Page
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Screenshots
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Documentation
End-user docs
Technical docs
Contribute
Community
Welcome to VirtualBox.org!
VirtualBox is a powerful x86 and AMD64/Intel64 virtualization product for enterprise as well as home use. Not only is VirtualBox an extremely feature rich, high performance product for enterprise customers, it is also the only professional solution that is freely available as Open Source Software under the terms of the GNU General Public License (GPL) version 3. See "About VirtualBox" for an introduction.
Presently, VirtualBox runs on Windows, Linux, macOS, and Solaris hosts and supports a large number of guest operating systems including but not limited to Windows (NT 4.0, 2000, XP, Server 2003, Vista, Windows 7, Windows 8, Windows 10), DOS/Windows 3.x, Linux (2.4, 2.6, 3.x and 4.x), Solaris and OpenSolaris, OS/2, and OpenBSD.
VirtualBox is being actively developed with frequent releases and has an ever growing list of features, supported guest operating systems and platforms it runs on. VirtualBox is a community effort backed by a dedicated company: everyone is encouraged to contribute while Oracle ensures the product always meets professional quality criteria.
Download
News Flash
New July 18th, 2023 VirtualBox 7.0.10 released!
Oracle today released a 7.0 maintenance release which improves stability and fixes regressions. See the Changelog for details.
New July 18th, 2023 VirtualBox 6.1.46 released!
Oracle today released a 6.1 maintenance release which improves stability and fixes regressions. See the Changelog for details.
New April 18th, 2023 VirtualBox 7.0.8 released!
Type here to search
23°C Partly cloudy
7:28 PM
9/26/2023

LAB 1
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Downloads – Oracle VM VirtualB
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Login
Preferences
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Download VirtualBox
Here you will find links to VirtualBox binaries and its source code.
VirtualBox binaries
By downloading, you agree to the terms and conditions of the respective license.
If you're looking for the latest VirtualBox 6.1 packages, see VirtualBox 6.1 builds. Version 6.1 will remain supported until December 2023.
VirtualBox 7.0.10 platform packages
Windows hosts
macOS / Intel hosts
Linux distributions
Solaris hosts
Solaris 11 IPS hosts
The binaries are released under the terms of the GPL version 3.
See the changelog for what has changed.
You might want to compare the checksums to verify the integrity of downloaded packages. The SHA256 checksums should be favored as the MD5 algorithm must be treated as insecure!
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LAB 1
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YouTube
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bing
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Recent Downloads
VirtualBox-7.0.10-158379-Win.exe
5.2/106 MB • 10 minutes left
Show all downloads
VirtualBox
Start Page
Index
History
About
Screenshots
Downloads
Documentation
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VirtualBox 7.0.10 platform packages
Windows hosts
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Solaris hosts
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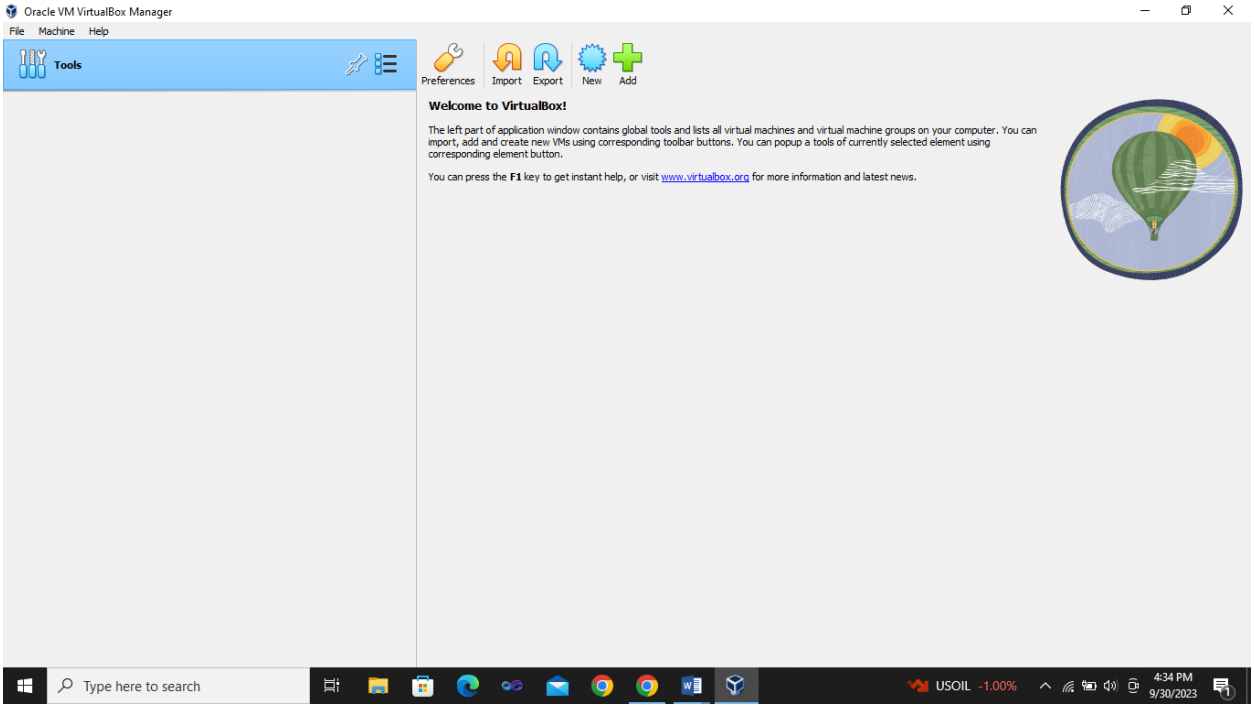
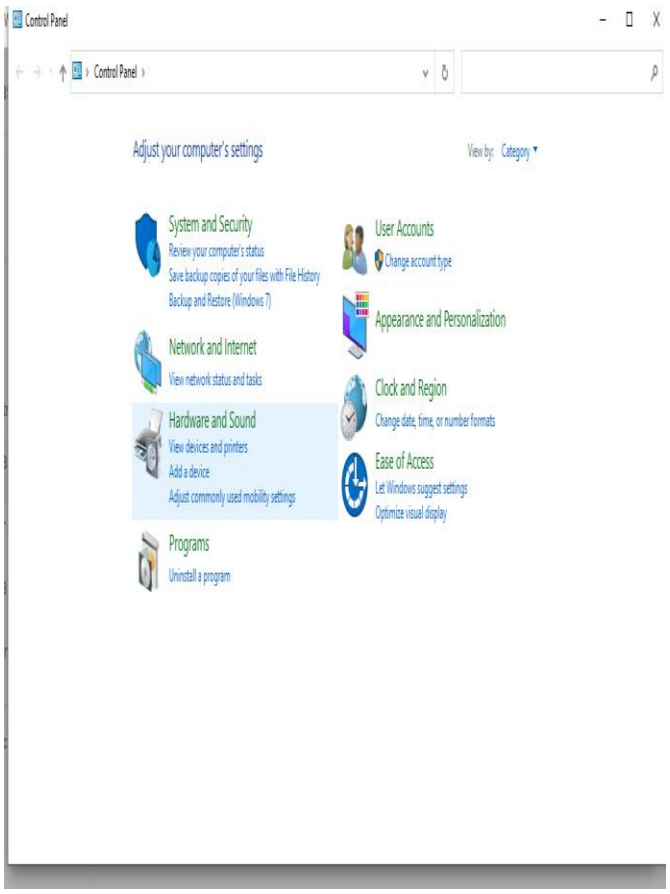
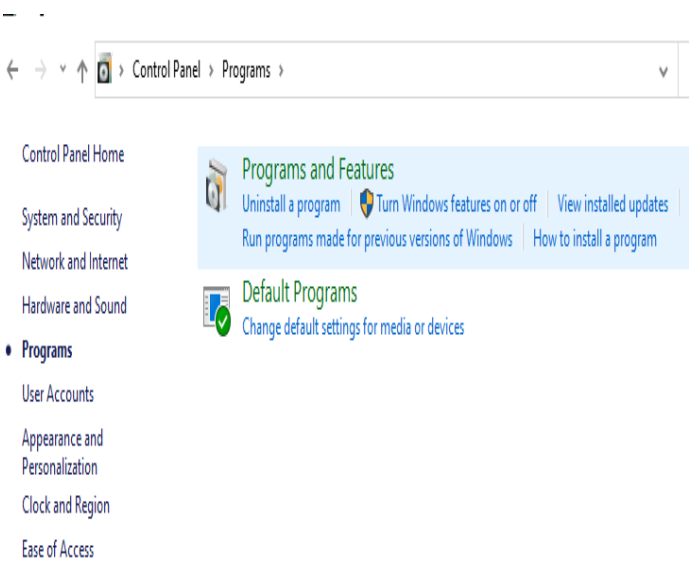
Type here to search
23°C Partly cloudy
7:30 PM
9/26/2023

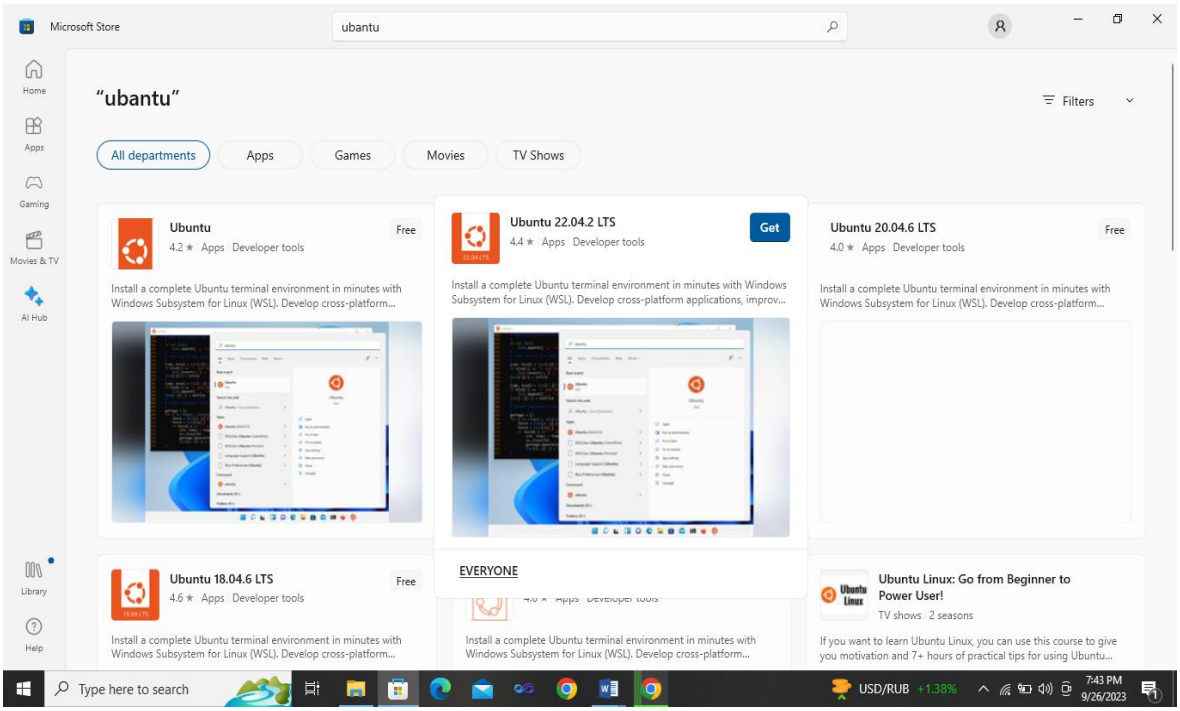

Oracle VM VirtualBox Manager
File
Machine
Help
Tools
Preferences
Import
Export
New
Add
Welcome to VirtualBox!
The left part of application window contains global tools and lists all virtual machines and virtual machine groups on your computer. You can import, add and create new VMs using corresponding toolbar buttons. You can popup a tools of currently selected element using corresponding element button.
You can press the F1 key to get instant help, or visit www.virtualbox.org for more information and latest news.
Type here to search
USOIL -1.00%
4:34 PM
9/30/2023

Operating system

installation of ubunto



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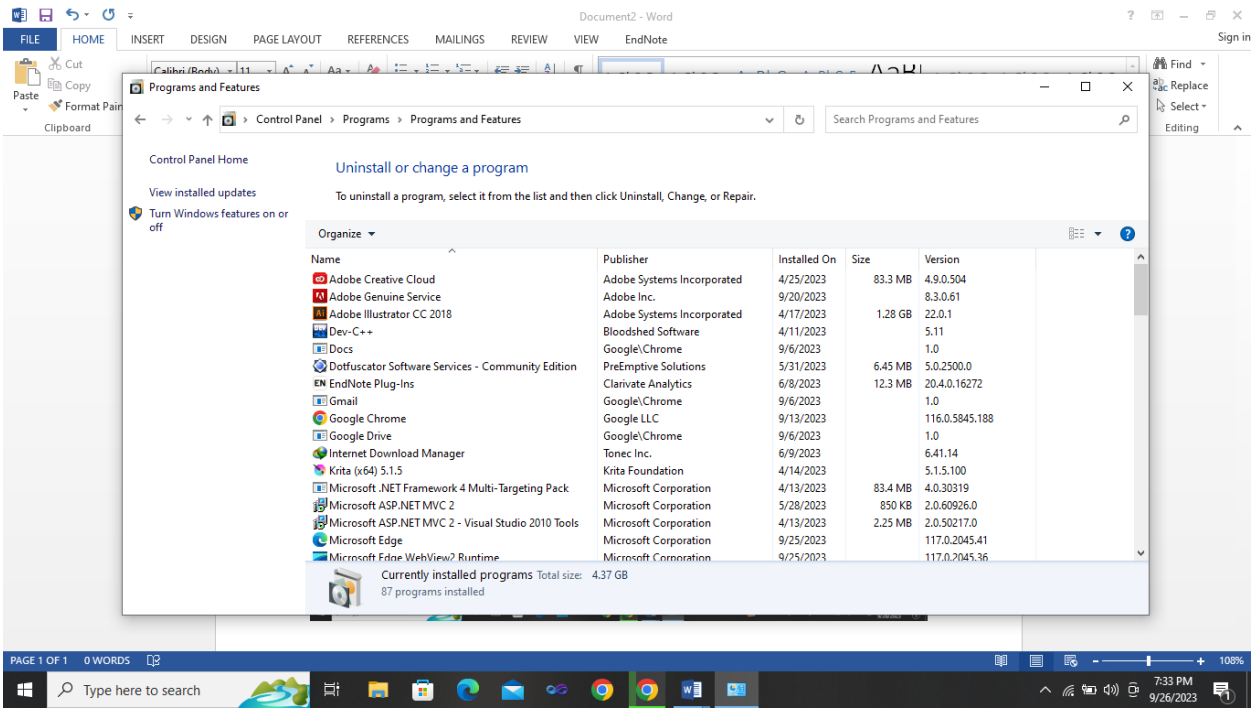
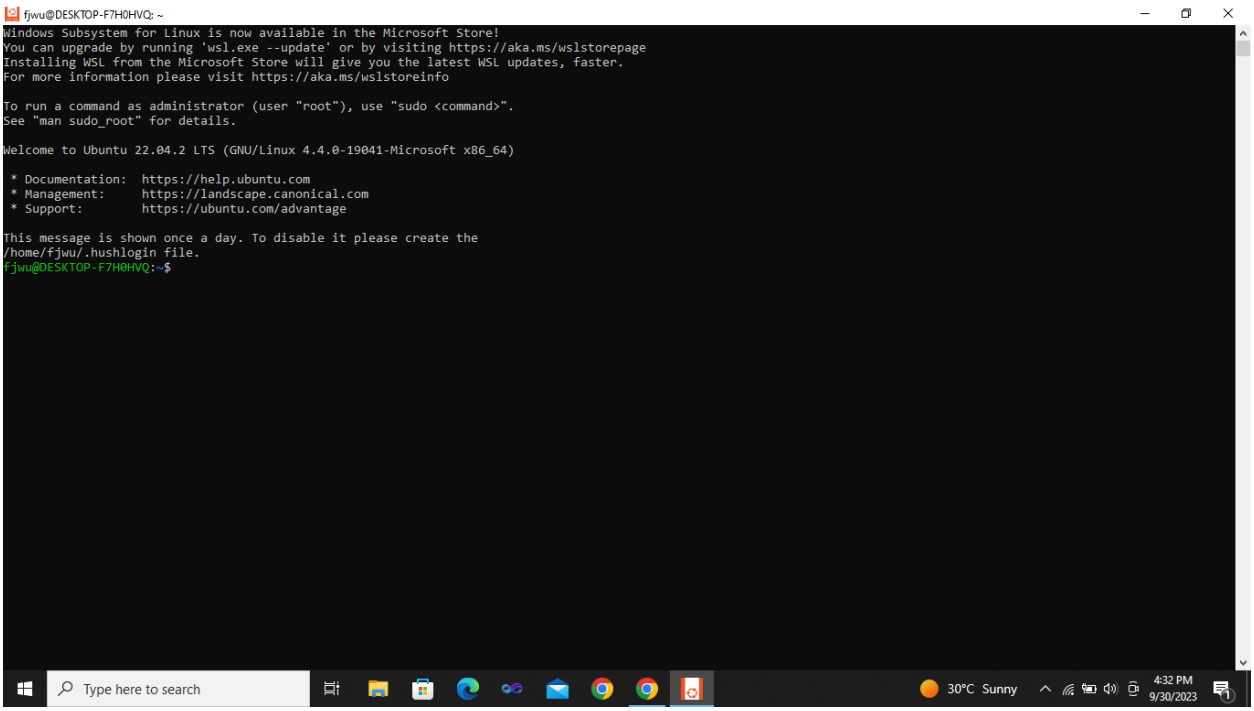
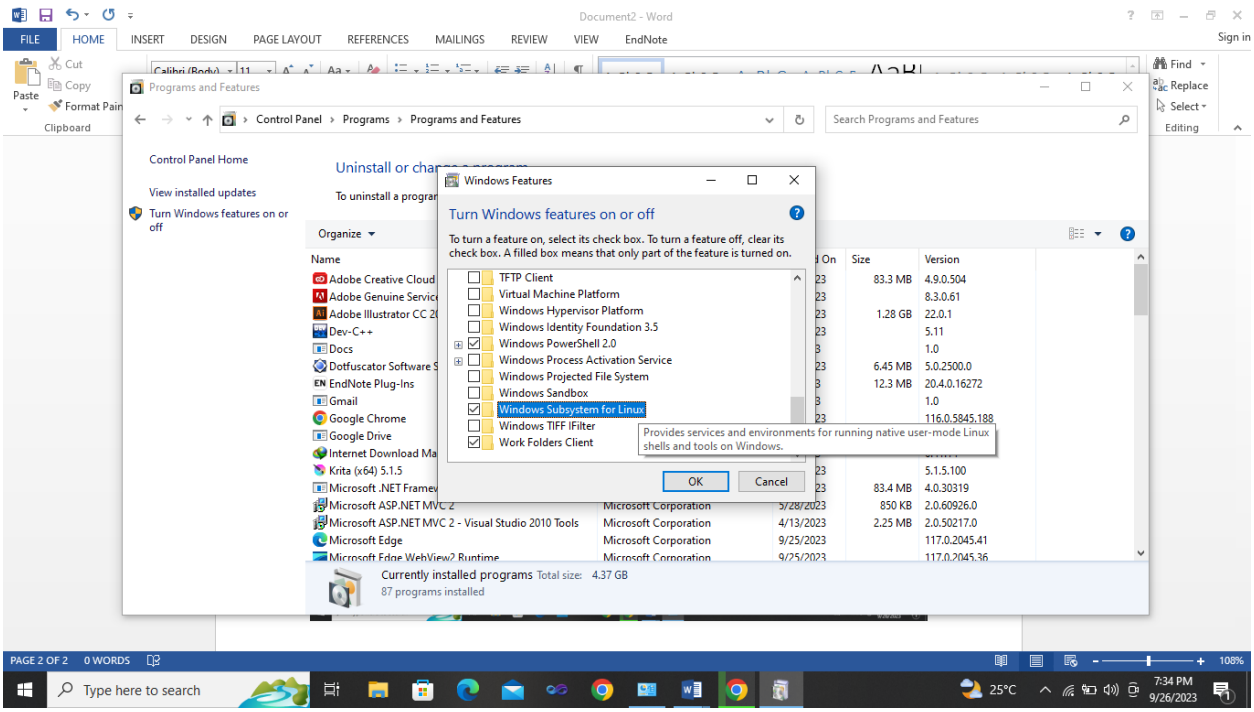
Ubuntu Linux: Go from Beginner to Power User!
TV shows 2 seasons
If you want to learn Ubuntu Linux, you can use this course to give you motivation and 7+ hours of practical tips for using Ubuntu...
Type here to search
USD/RUB +1.38%
7:43 PM
9/26/2023

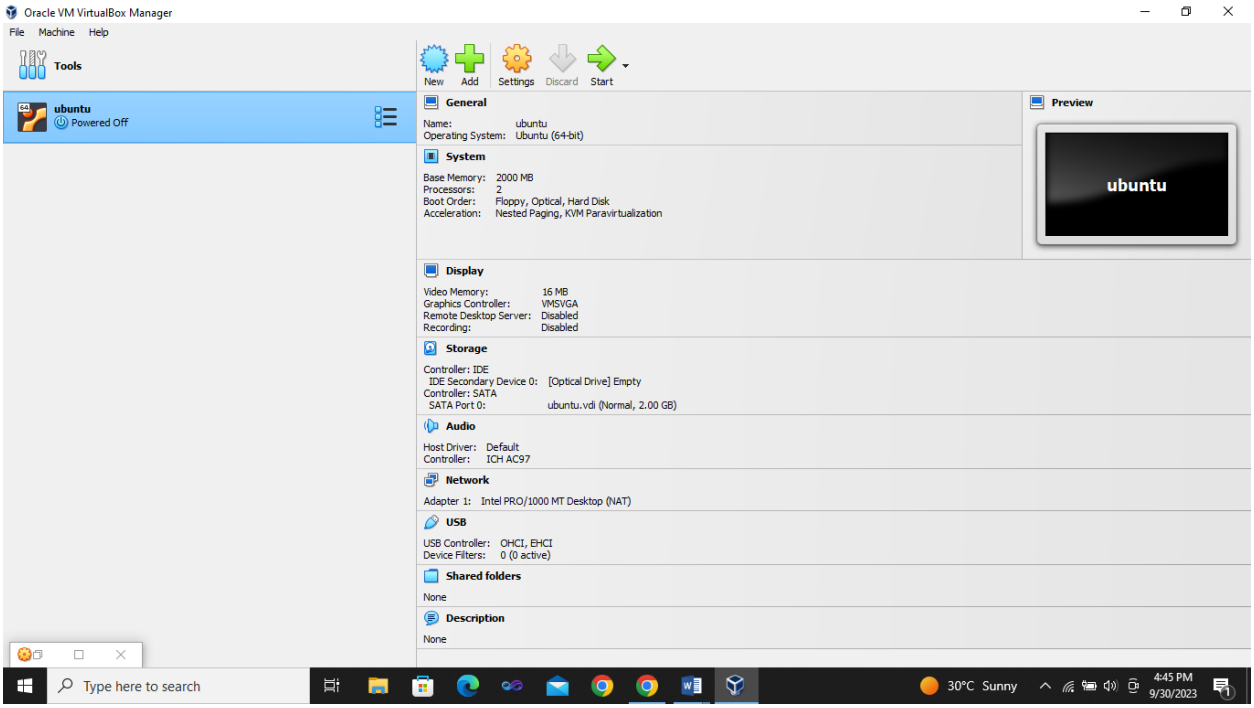

Document2 - Word
Programs and Features
Control Panel Home
View installed updates
Turn Windows features on or off
Uninstall or change a program
To uninstall a program, select it from the list and then click Uninstall, Change, or Repair.
Organize
Name
Publisher
Installed On
Size
Version
Adobe Creative Cloud
Adobe Systems Incorporated
4/25/2023
83.3 MB
4.9.0.504
Adobe Genuine Service
Adobe Inc.
9/20/2023
8.3.0.61
Adobe Illustrator CC 2018
Adobe Systems Incorporated
4/17/2023
1.28 GB
22.0.1
Dev-C++
Bloodshed Software
4/11/2023
5.11
Docs
Google\Chrome
9/6/2023
1.0
Dotfuscator Software Services - Community Edition
PreEmptive Solutions
5/31/2023
6.45 MB
5.0.2500.0
EndNote Plug-Ins
Clarivate Analytics
6/8/2023
12.3 MB
20.4.0.16272
Gmail
Google\Chrome
9/6/2023
1.0
Google Chrome
Google LLC
9/13/2023
116.0.5845.188
Google Drive
Google\Chrome
9/6/2023
1.0
Internet Download Manager
Tonec Inc.
6/9/2023
6.41.14
Krita (x64) 5.1.5
Krita Foundation
4/14/2023
5.1.5.100
Microsoft .NET Framework 4 Multi-Targeting Pack
Microsoft Corporation
4/13/2023
83.4 MB
4.0.30319
Microsoft ASP.NET MVC 2
Microsoft Corporation
5/28/2023
850 KB
2.0.60926.0
Microsoft ASP.NET MVC 2 - Visual Studio 2010 Tools
Microsoft Corporation
4/13/2023
2.25 MB
2.0.50217.0
Microsoft Edge
Microsoft Corporation
9/25/2023
117.0.2045.41
Currently installed programs Total size: 4.37 GB
87 programs installed
PAGE 1 OF 1
0 WORDS
108%
Type here to search
7:33 PM
9/26/2023

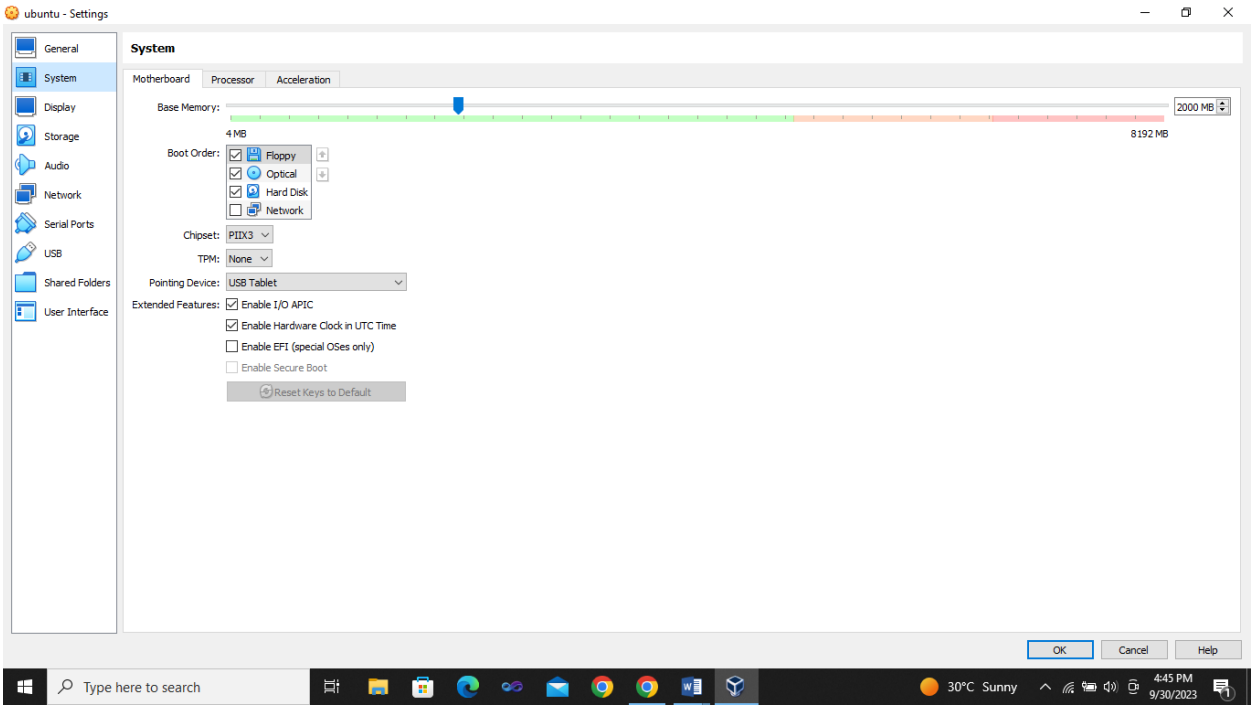

fjwu@DESKTOP-F7H0HVQ: ~
Windows Subsystem for Linux is now available in the Microsoft Store!
You can upgrade by running 'wsl.exe --update' or by visiting https://aka.ms/wslstorepage
Installing WSL from the Microsoft Store will give you the latest WSL updates, faster.
For more information please visit https://aka.ms/wslstoreinfo
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
Welcome to Ubuntu 22.04.2 LTS (GNU/Linux 4.4.0-19041-Microsoft x86_64)
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
This message is shown once a day. To disable it please create the
/home/fjwu/.hushlogin file.
fjwu@DESKTOP-F7H0HVQ:~$
Type here to search
30°C Sunny
4:32 PM
9/30/2023

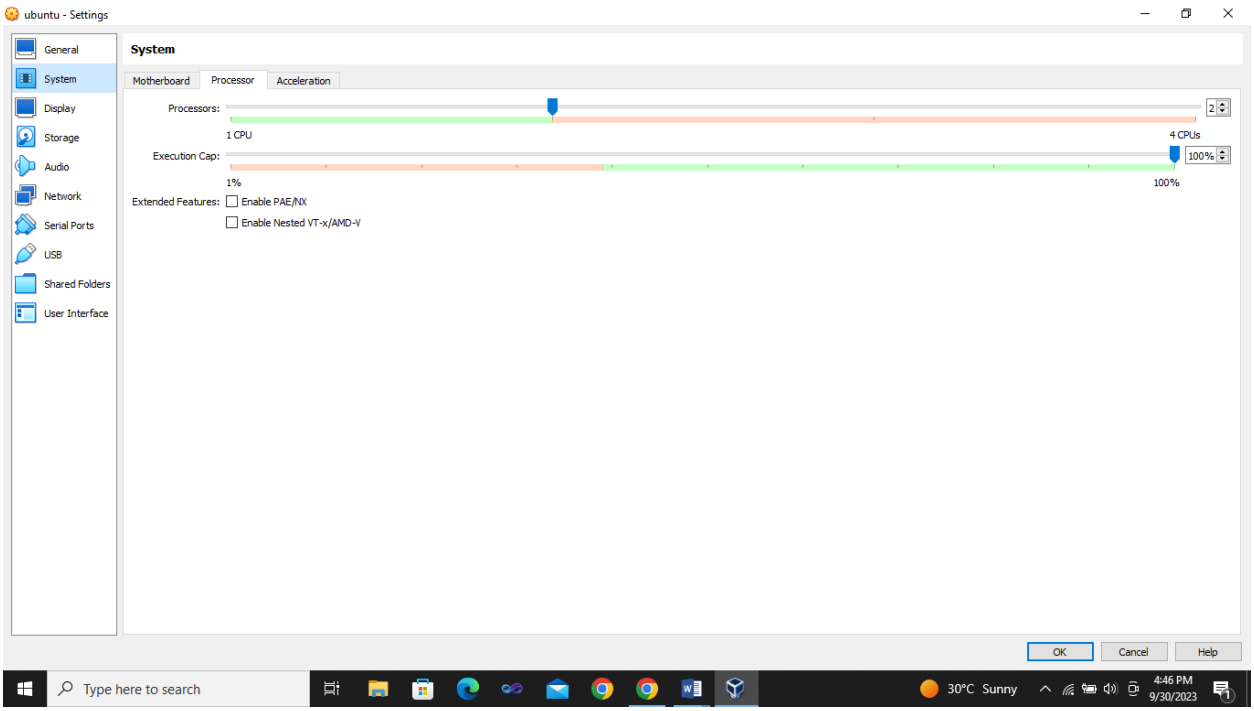

Document2 - Word
Programs and Features
Control Panel › Programs › Programs and Features
Search Programs and Features
Control Panel Home
View installed updates
Turn Windows features on or off
Windows Features
Turn Windows features on or off
To turn a feature on, select its check box. To turn a feature off, clear its check box. A filled box means that only part of the feature is turned on.
TFTP Client
Virtual Machine Platform
Windows Hypervisor Platform
Windows Identity Foundation 3.5
Windows PowerShell 2.0
Windows Process Activation Service
Windows Projected File System
Windows Sandbox
Windows Subsystem for Linux
Windows TIFF IFilter
Work Folders Client
Provides services and environments for running native user-mode Linux shells and tools on Windows.
OK
Cancel
Currently installed programs Total size: 4.37 GB
87 programs installed
PAGE 2 OF 2
0 WORDS
Type here to search
25°C
7:34 PM
9/26/2023

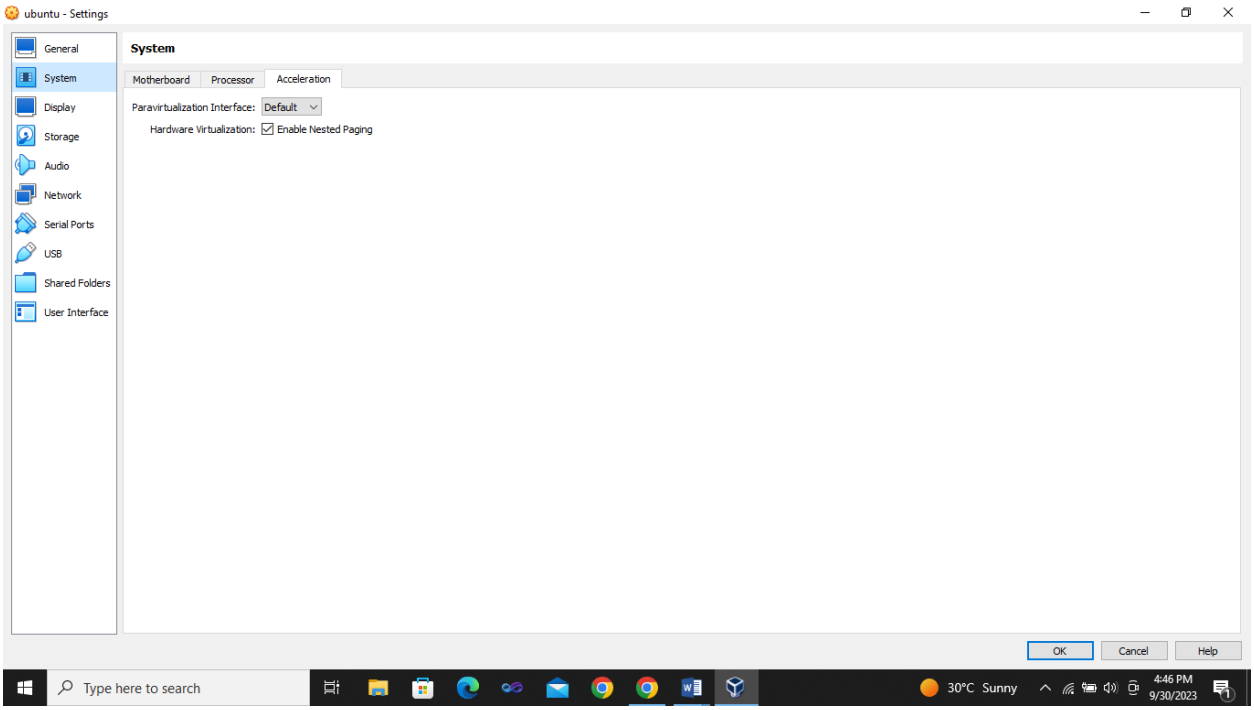
Operating system

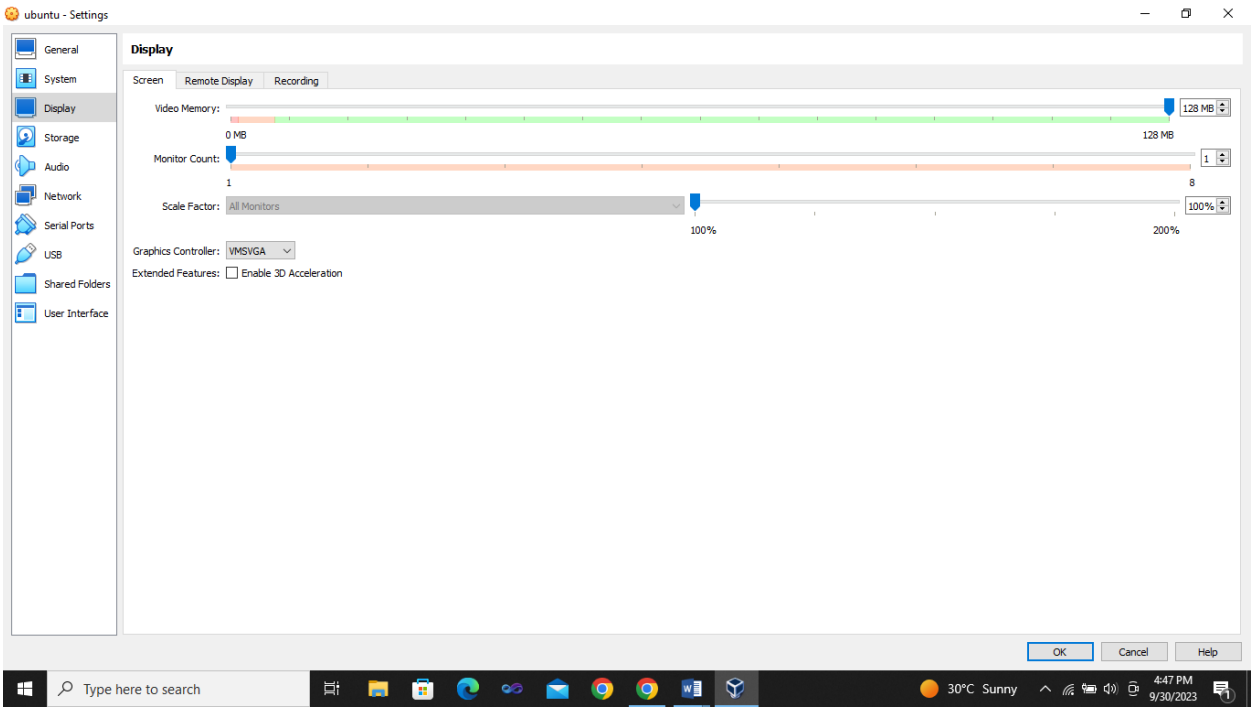
ubuntu with virtual bow

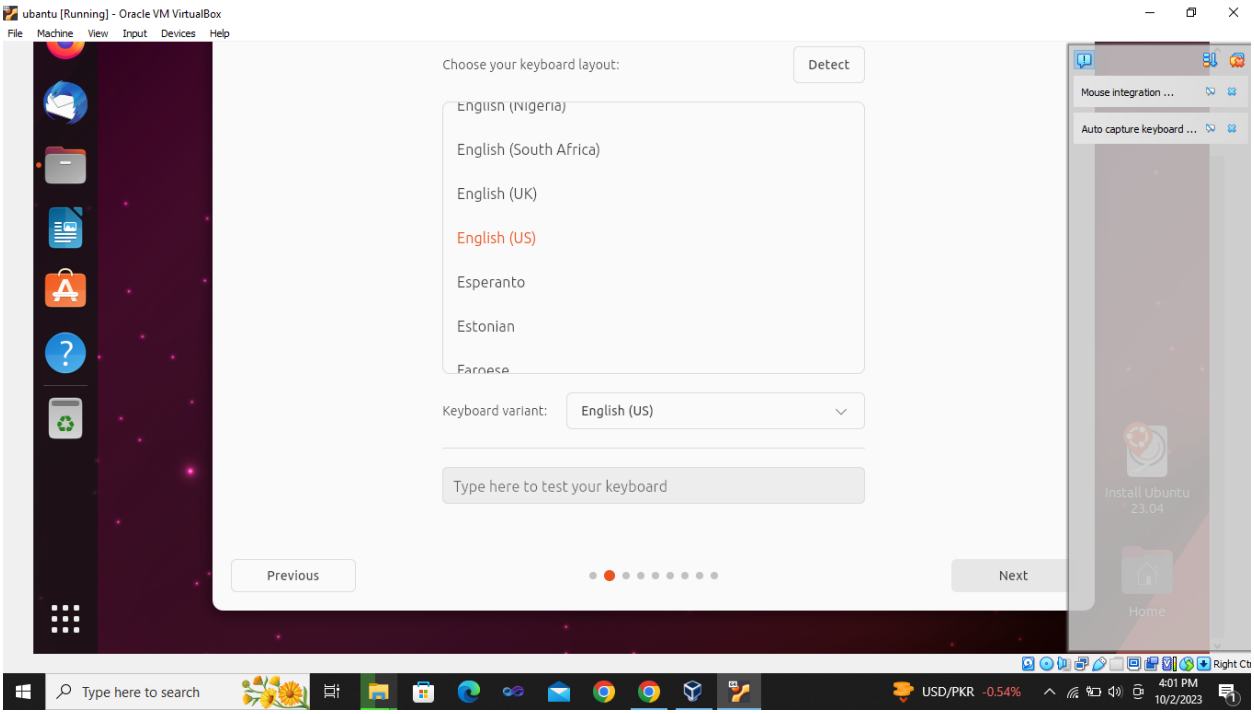


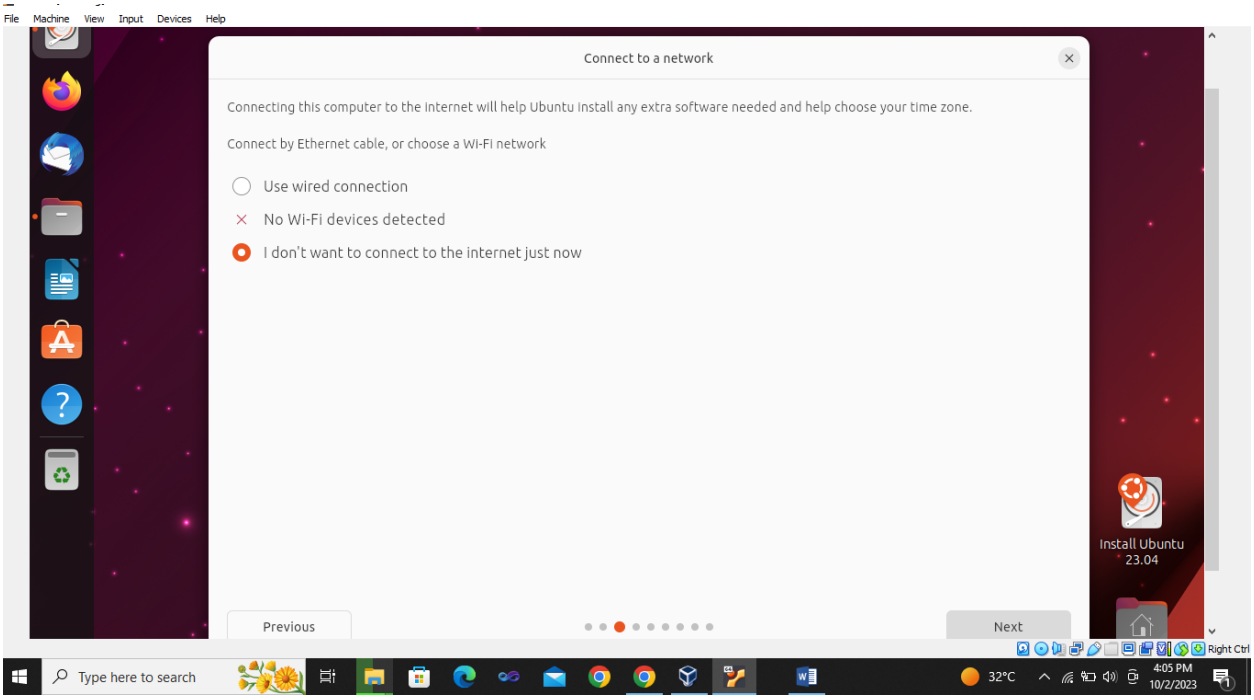


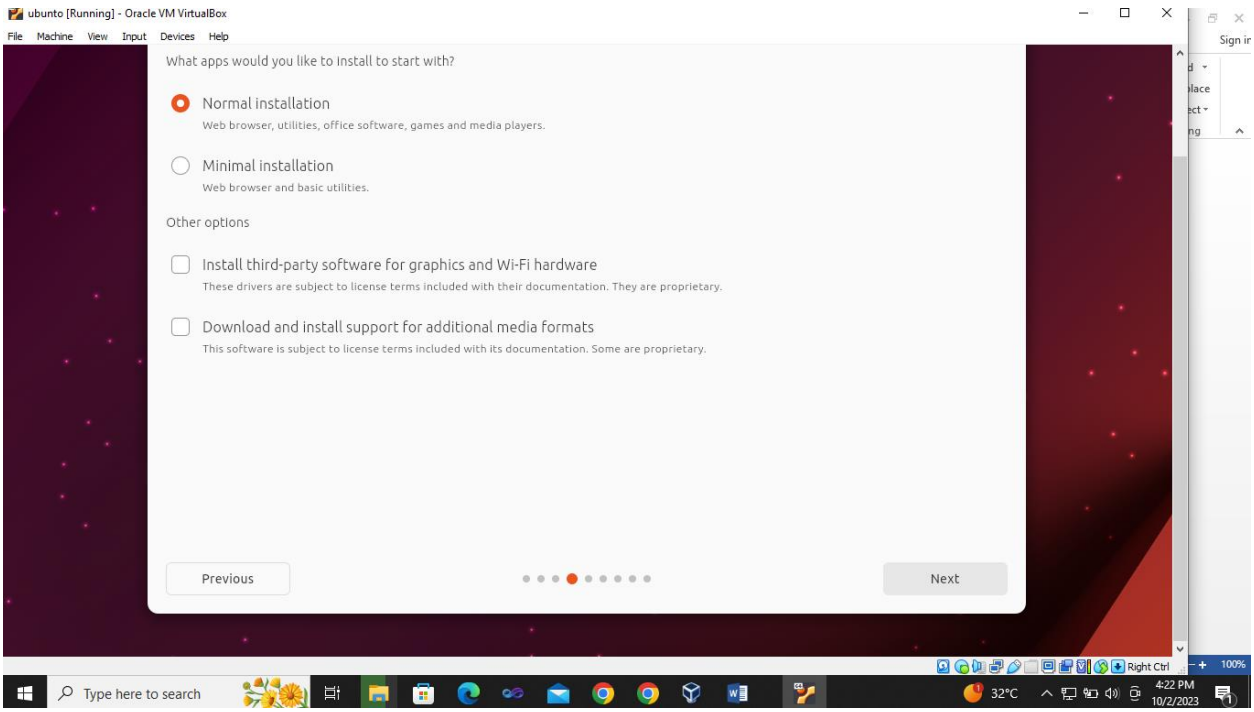

ubuntu - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
System
Motherboard
Processor
Acceleration
Processors:
2
1 CPU
4 CPUs
Execution Cap:
100%
1%
100%
Extended Features:
Enable PAE/NX
Enable Nested VT-x/AMD-V
OK
Cancel
Help
Type here to search
30°C Sunny
4:46 PM
9/30/2023

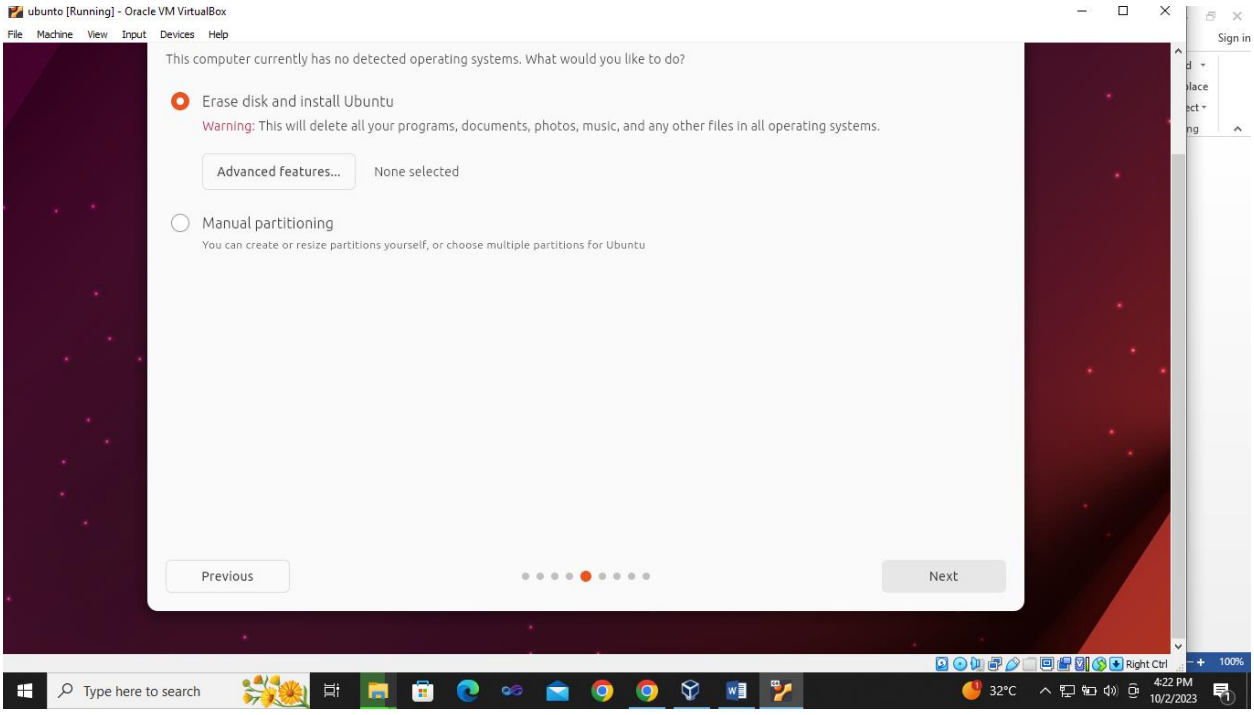

ubuntu - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
System
Motherboard
Processor
Acceleration
Paravirtualization Interface:
Default
Hardware Virtualization:
Enable Nested Paging
OK
Cancel
Help
Type here to search
30°C Sunny
4:46 PM
9/30/2023

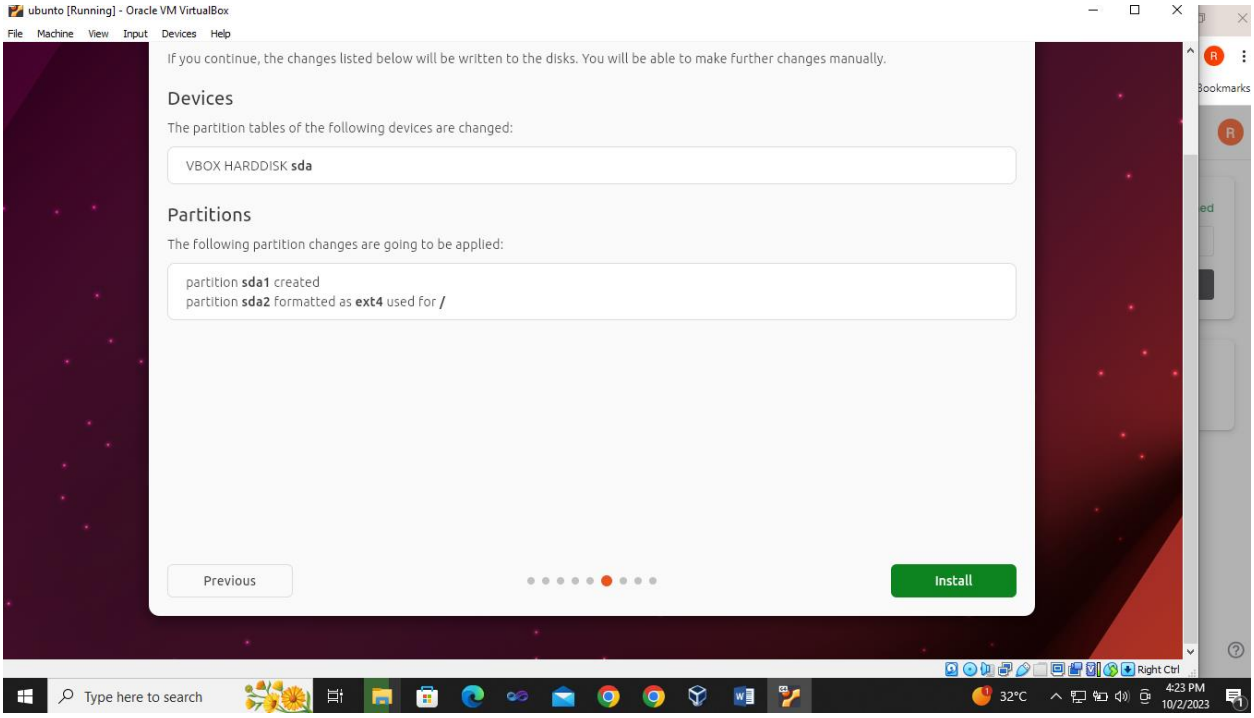

ubuntu - Settings
General
System
Display
Storage
Audio
Network
Serial Ports
USB
Shared Folders
User Interface
Display
Screen
Remote Display
Recording
Video Memory:
128 MB
0 MB
128 MB
Monitor Count:
1
1
8
Scale Factor:
All Monitors
100%
100%
200%
Graphics Controller:
VMSVGA
Extended Features:
Enable 3D Acceleration
OK
Cancel
Help
Type here to search
30°C Sunny
4:47 PM
9/30/2023

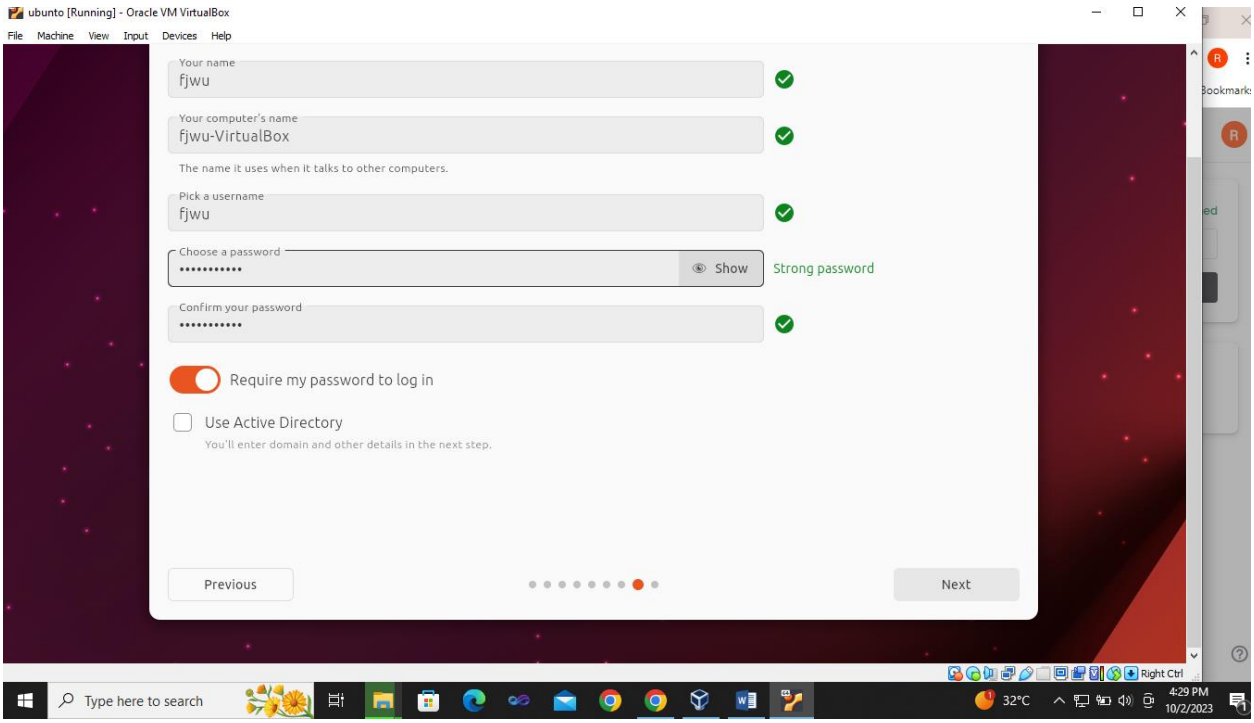

ubantu [Running] - Oracle VM VirtualBox
File
Machine
View
Input
Devices
Help
Choose your keyboard layout:
Detect
English (Nigeria)
English (South Africa)
English (UK)
English (US)
Esperanto
Estonian
Faroese
Keyboard variant:
English (US)
Type here to test your keyboard
Previous
Next
Mouse integration ...
Auto capture keyboard ...
Install Ubuntu 23.04
Home
Right Ctrl
Type here to search
USD/PKR -0.54%
4:01 PM
10/2/2023

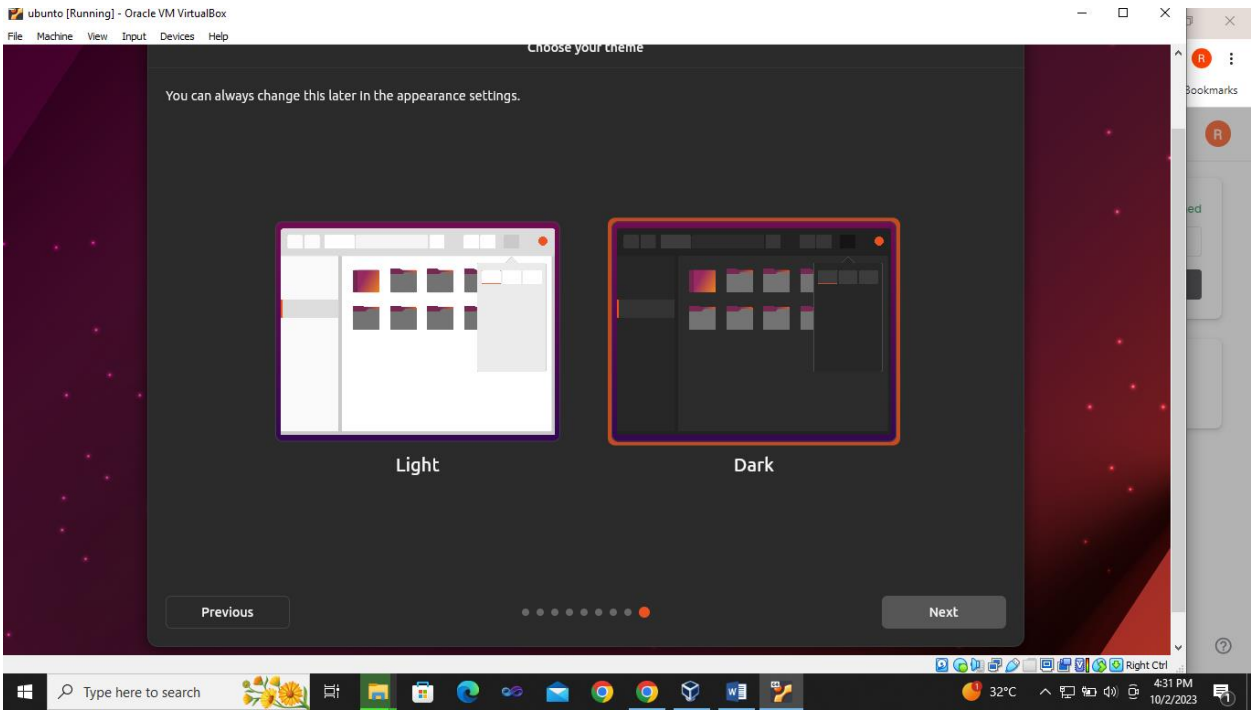

File Machine View Input Devices Help
Connect to a network
Connecting this computer to the internet will help Ubuntu install any extra software needed and help choose your time zone.
Connect by Ethernet cable, or choose a WI-FI network
Use wired connection
No Wi-Fi devices detected
I don't want to connect to the internet just now
Previous
Next
Install Ubuntu 23.04
Right Ctrl
Type here to search
32°C
4:05 PM
10/2/2023


ubunto [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
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
Install third-party software for graphics and Wi-Fi hardware
These drivers are subject to license terms included with their documentation. They are proprietary.
Download and install support for additional media formats
This software is subject to license terms included with its documentation. Some are proprietary.
Previous
Next
Right Ctrl
Type here to search
32°C
4:22 PM
10/2/2023


ubunto [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
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
Manual partitioning
You can create or resize partitions yourself, or choose multiple partitions for Ubuntu
Previous
Next
Type here to search
32°C
4:22 PM
10/2/2023


ubunto [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
If you continue, the changes listed below will be written to the disks. You will be able to make further changes manually.
Devices
The partition tables of the following devices are changed:
VBOX HARDDISK sda
Partitions
The following partition changes are going to be applied:
partition sda1 created
partition sda2 formatted as ext4 used for /
Previous
Install
Type here to search
32°C
4:23 PM
10/2/2023


ubunto [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Your name
fjwu
Your computer's name
fjwu-VirtualBox
The name it uses when it talks to other computers.
Pick a username
fjwu
Choose a password
Show
Strong password
Confirm your password
Require my password to log in
Use Active Directory
You'll enter domain and other details in the next step.
Previous
Next
Type here to search
32°C
4:29 PM
10/2/2023


ubunto [Running] - Oracle VM VirtualBox
File Machine View Input Devices Help
Choose your theme
You can always change this later in the appearance settings.
Light
Dark
Previous
Next
Type here to search
32°C
4:31 PM
10/2/2023

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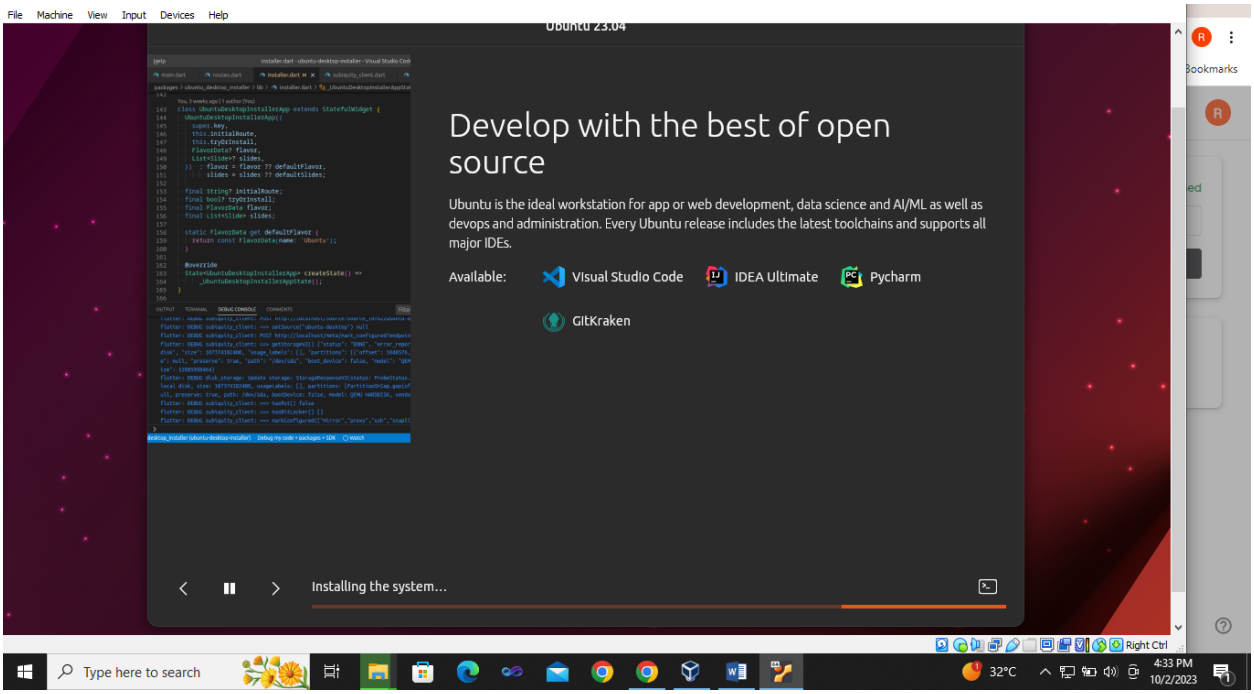
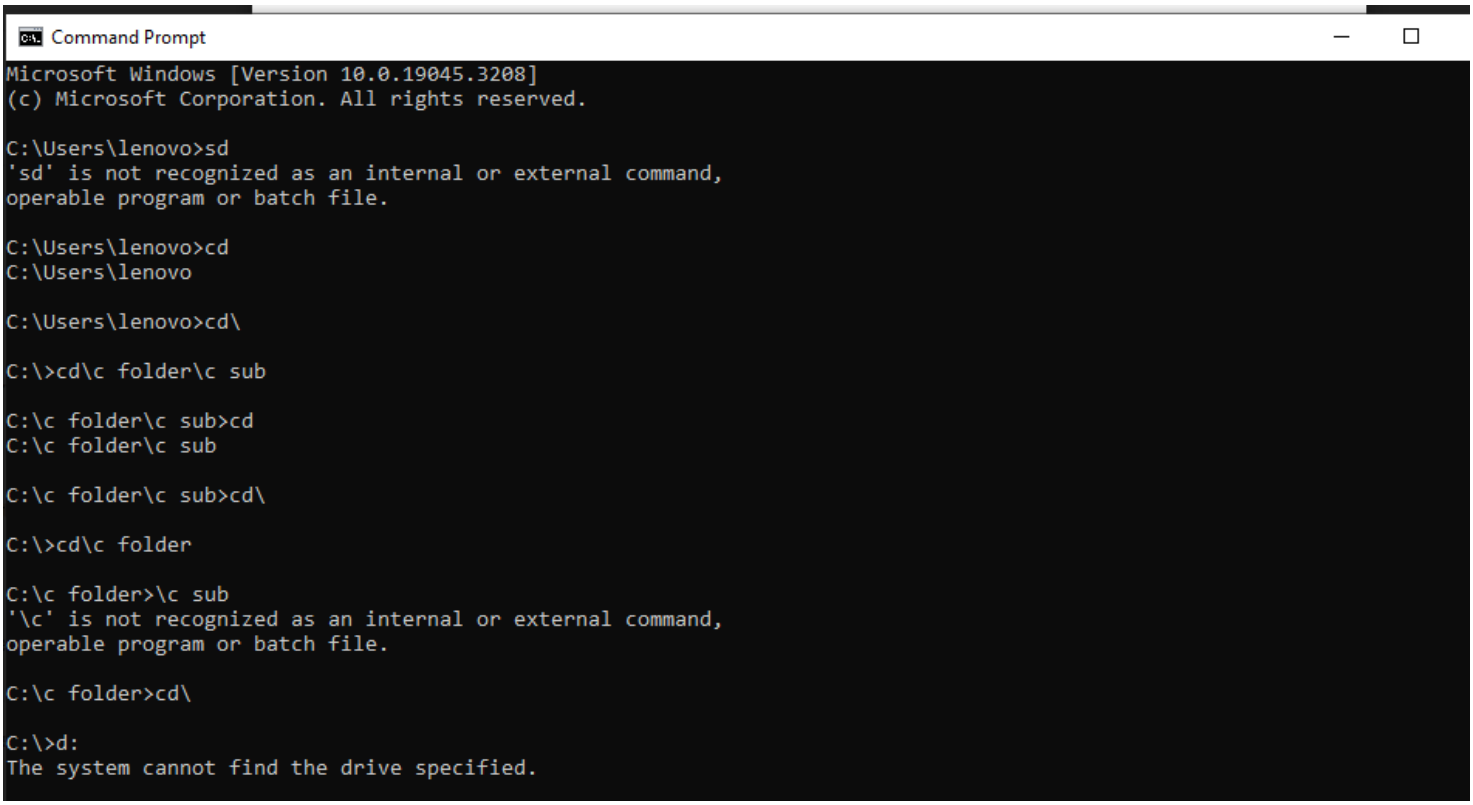


Commands of Ubuntu:

```
See "man sudo_root" for details.

fjwu@fjwu-VirtualBox:~$ pwd
/home/fjwu
fjwu@fjwu-VirtualBox:~$ touch
touch: missing file operand
Try 'touch --help' for more information.
fjwu@fjwu-VirtualBox:~$ touch rabia
fjwu@fjwu-VirtualBox:~$ cat
ahjdslkufyliuewfskji
ahjdslkufyliuewfskji
fjwu@fjwu-VirtualBox:~$ cat> rabia cat file
cat: cat: No such file or directory
cat: file: No such file or directory
fjwu@fjwu-VirtualBox:~$ cat> rabiacatfile
this is file created by using cat> which means to creat and open file
fjwu@fjwu-VirtualBox:~$ cat>> rabiacatfile
this will append the cat> and cat>>
fjwu@fjwu-VirtualBox:~$ mkdir rabiadirectory
fjwu@fjwu-VirtualBox:~$ rm rabiadirectory
rm: cannot remove 'rabiadirectory': Is a directory
fjwu@fjwu-VirtualBox:~$ rm rabiacatfile
fjwu@fjwu-VirtualBox:~$ ls
Desktop    Downloads  Pictures  rabia           snap       Videos
Documents  Music      Public    rabiadirectory  Templates
fjwu@fjwu-VirtualBox:~$ sudo mkdir
[sudo] password for fjwu:
Sorry, try again.
```

cmd coomands