




Using Ubuntu 20.04

Step 1: - Click on Ubuntu_20.04_Provision.cmd

	Ubuntu_20.04_Delete.cmd	30-05-2021 19:07	Windows Comma...	1 KB
<input checked="" type="checkbox"/>	Ubuntu_20.04_Provision.cmd	30-05-2021 23:04	Windows Comma...	2 KB
	Ubuntu_20.04_Shutdown.cmd	30-05-2021 18:57	Windows Comma...	1 KB
	Ubuntu_20.04_Start.cmd	30-05-2021 18:51	Windows Comma...	1 KB

Step2: - After clicking, script automatically starts executing

```
C:\WINDOWS\system32\cmd.exe

C:\Users\gupta\Documents\VBBox_Instance_Config\Ubuntu_20.04>VBoxManage.exe createvm --name "Ubuntu_20.04" --groups "/" --ostype Ubuntu_64 --register --basefolder "C:\Users\gupta\VirtualBox VMs\LinuxSkills"
Virtual machine 'Ubuntu_20.04' is created and registered.
UUID: b4f701f9-ab5b-45be-8234-fbdcf7dd24f8
Settings file: 'C:\Users\gupta\VirtualBox VMs\LinuxSkills\Ubuntu_20.04\Ubuntu_20.04.vbox'

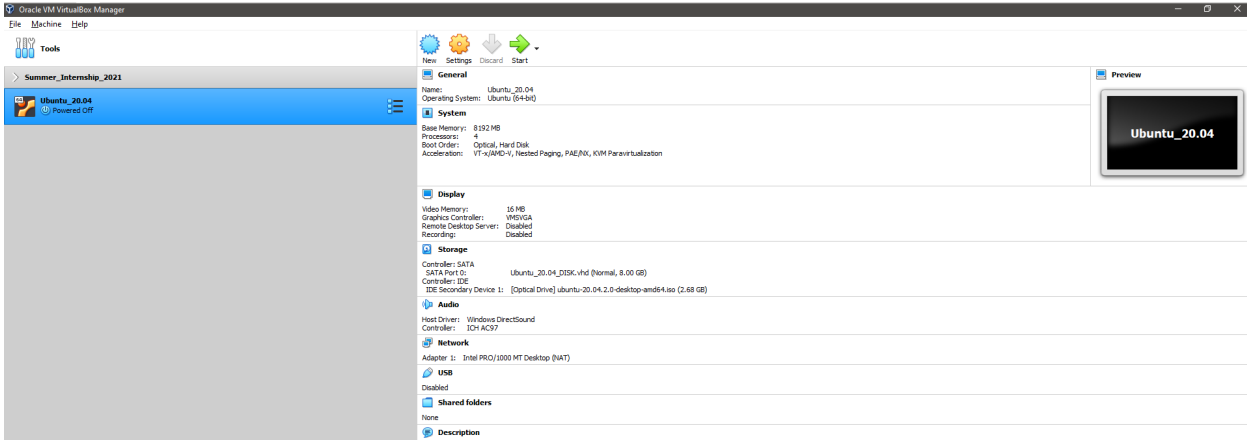
C:\Users\gupta\Documents\VBBox_Instance_Config\Ubuntu_20.04>VBoxManage.exe modifyvm "Ubuntu_20.04" --memory 8192 --vram 16 --paravirtprovider kvm --cpus 4 --graphicscontroller vmsvga --boot1 dvd --boot2 disk --boot3 none --boot4 none --nic1 nat

C:\Users\gupta\Documents\VBBox_Instance_Config\Ubuntu_20.04>VBoxManage.exe createmedium disk --filename "C:\Users\gupta\VirtualBox VMs\LinuxSkills\Ubuntu_20.04\Ubuntu_20.04_DISK.vhd" --size 8192 --format VHD
0%...10%...20%...30%...40%...50%...60%...70%...80%...90%...100%
Medium created. UUID: cd243d3a-0ce2-4dfa-a06b-130132d08663

C:\Users\gupta\Documents\VBBox_Instance_Config\Ubuntu_20.04>VBoxManage.exe storagectl "Ubuntu_20.04" --name "SATA" --add sata --controller IntelAhci

C:\Users\gupta\Documents\VBBox_Instance_Config\Ubuntu_20.04>VBoxManage.exe storageattach "Ubuntu_20.04" --storagectl SATA --port 0 --device 0 --type hdd --medium "C:\Users\gupta\VirtualBox VMs\LinuxSkills\Ubuntu_20.04\Ubuntu_20.04_DISK.vhd"

C:\Users\gupta\Documents\VBBox_Instance_Config\Ubuntu_20.04>VBoxManage.exe storagectl "Ubuntu_20.04" --name "IDE" --add ide --controller PIIX4
```



Confirm from Oracle VirtualBox also

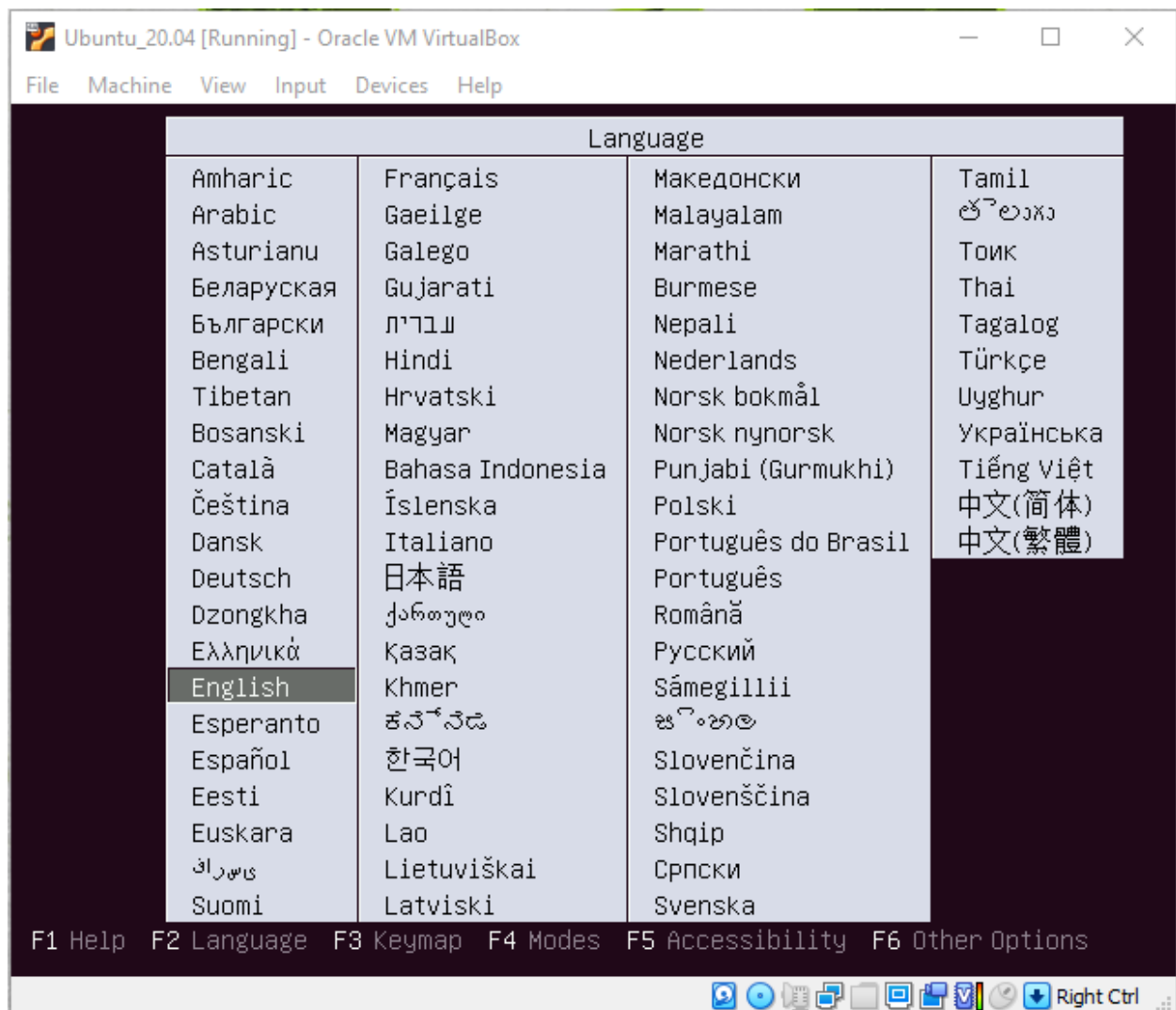
Step3: - Click on Ubuntu_20.04_Start.cmd

<input type="checkbox"/>	Name	Date modified	Type	Size
<input type="checkbox"/>	Ubuntu_20.04_Delete.cmd	30-05-2021 19:07	Windows Comma...	1 KB
<input type="checkbox"/>	Ubuntu_20.04_Provision.cmd	30-05-2021 23:04	Windows Comma...	2 KB
<input type="checkbox"/>	Ubuntu_20.04_Shutdown.cmd	30-05-2021 18:57	Windows Comma...	1 KB
<input checked="" type="checkbox"/>	Ubuntu_20.04_Start.cmd	30-05-2021 18:51	Windows Comma...	1 KB

Step4: - After clicking, script automatically starts executing

```
C:\WINDOWS\system32\cmd.exe
C:\Users\gupta\Documents\VBox_Instance_Config\Ubuntu_20.04>VBoxManage.exe startvm --type gui "Ubuntu_20.04"
Waiting for VM "Ubuntu_20.04" to power on...
```

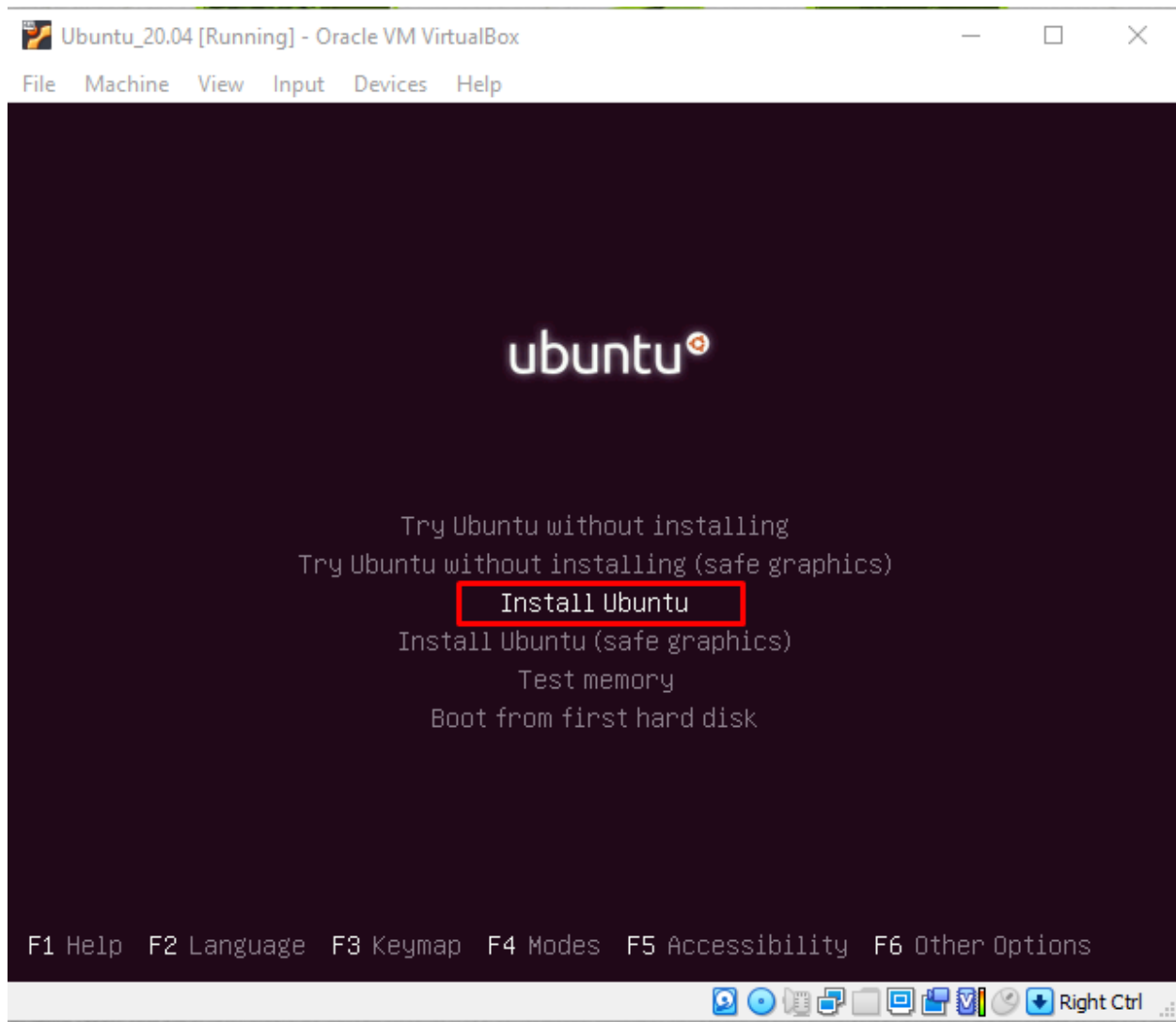
Step5: - Ubuntu 20.04 Starts running



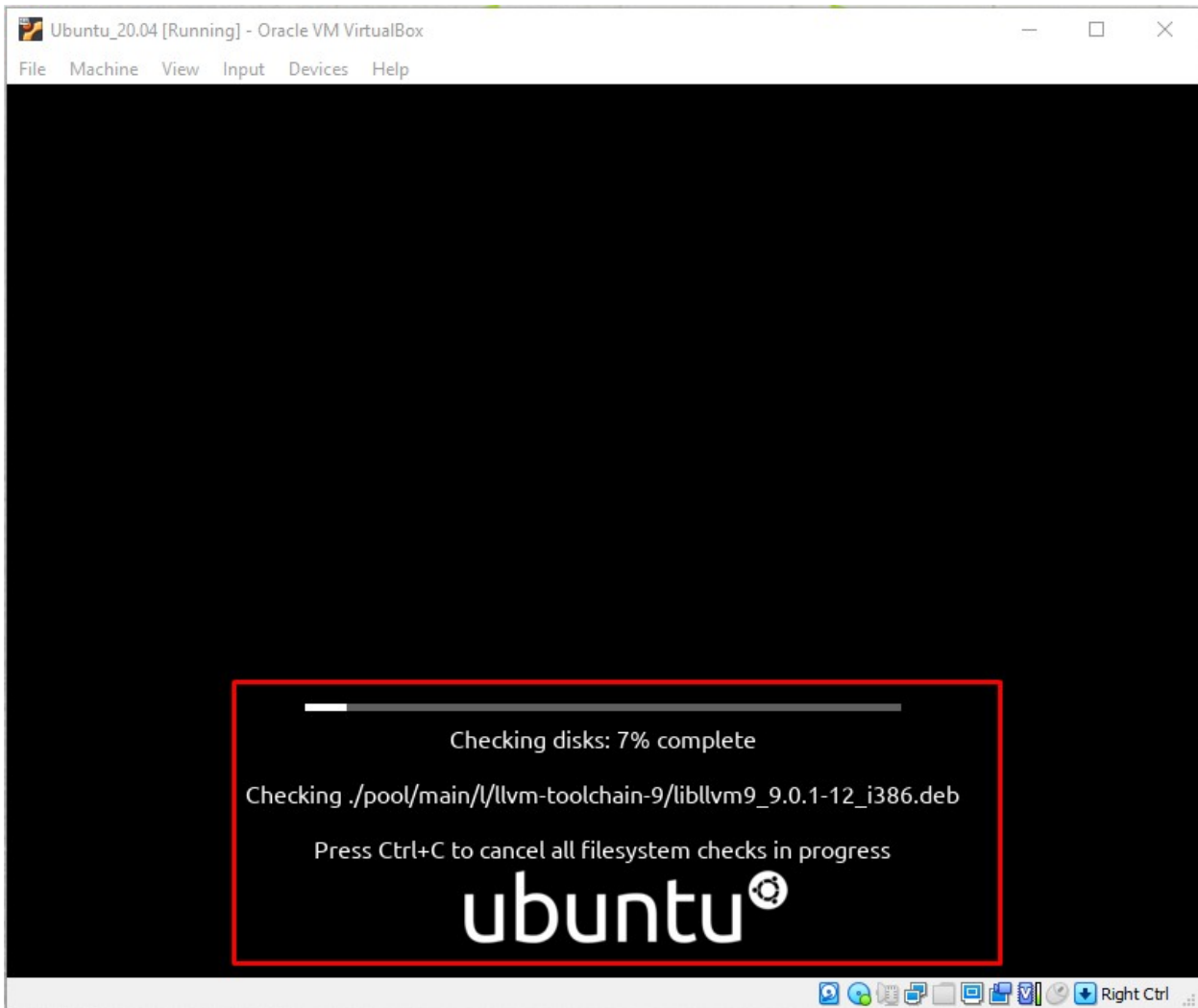
Select **ENGLISH** language,

Step6 :- Select Install Ubuntu option. Then Press **ENTER**

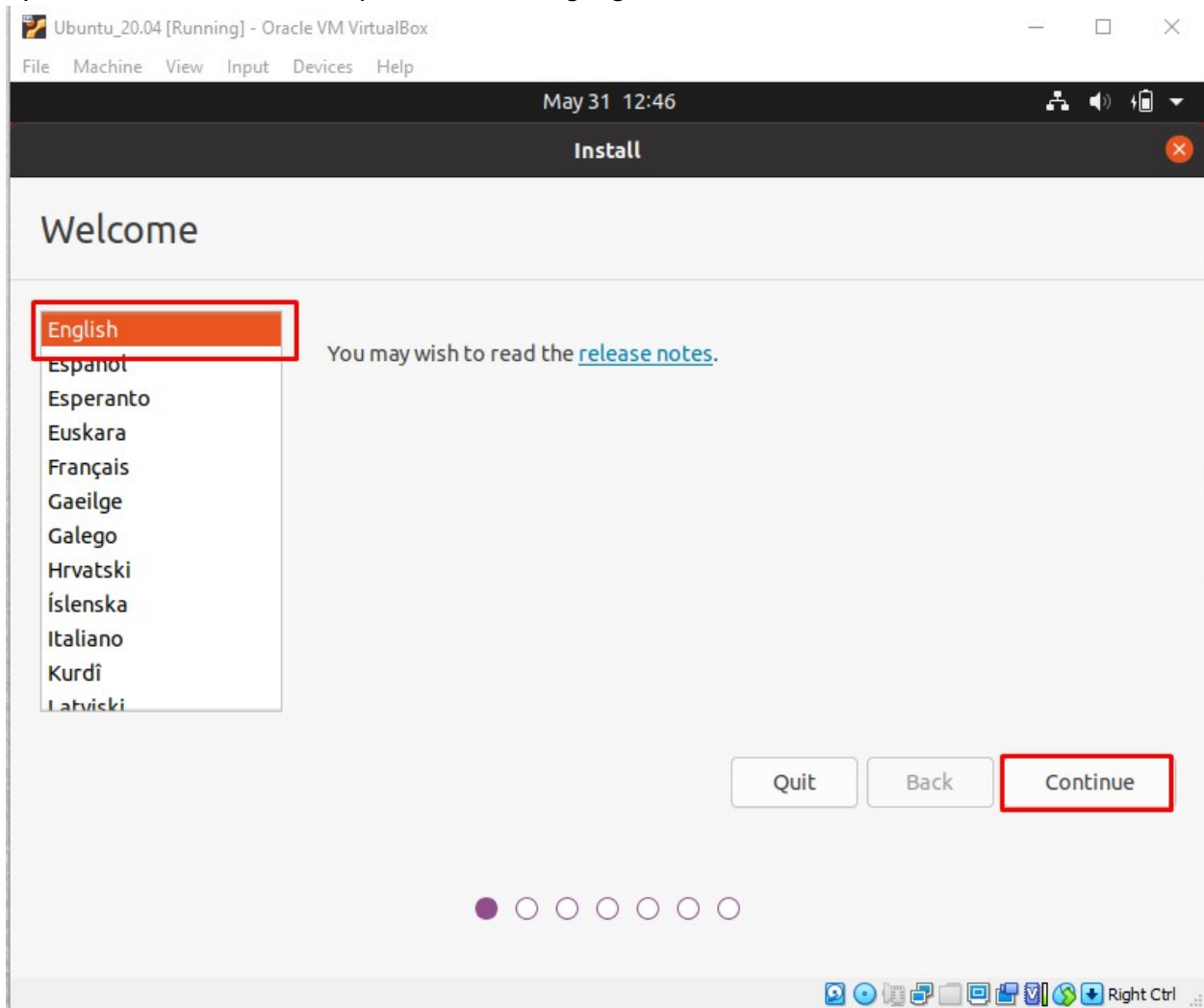
NOTE:(Use arrow KEYS for using)



Step7: - Ubuntu Bootloader starts checking disks. You can Cancel by pressing **CTRL+C**.



Step8: - Select 'Continue' and your desired Language.

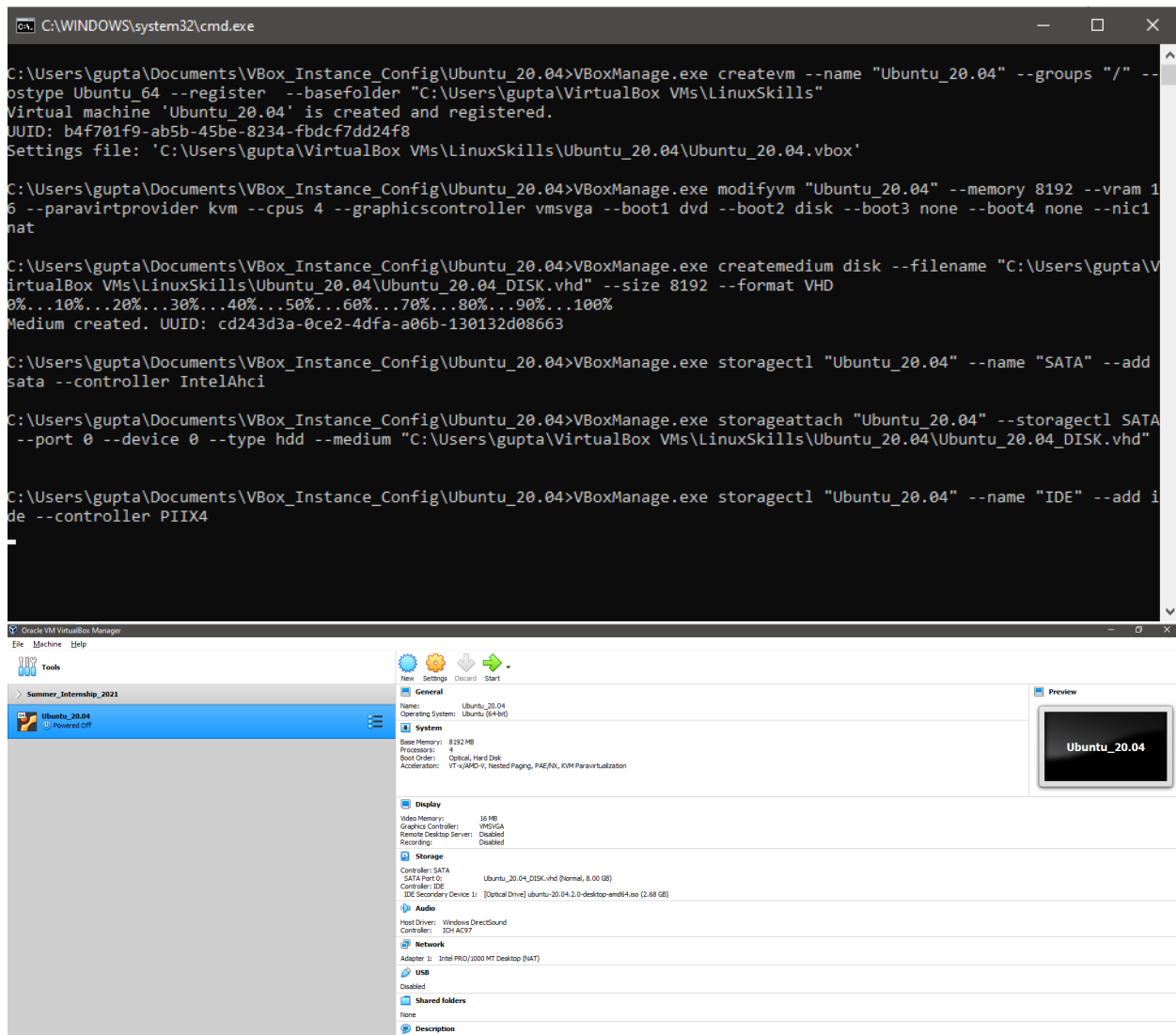


Installation of Ubuntu_20.04

Step 1: - Click on Ubuntu_20.04_Provision.cmd

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Step2: - After clicking, script automatically starts executing

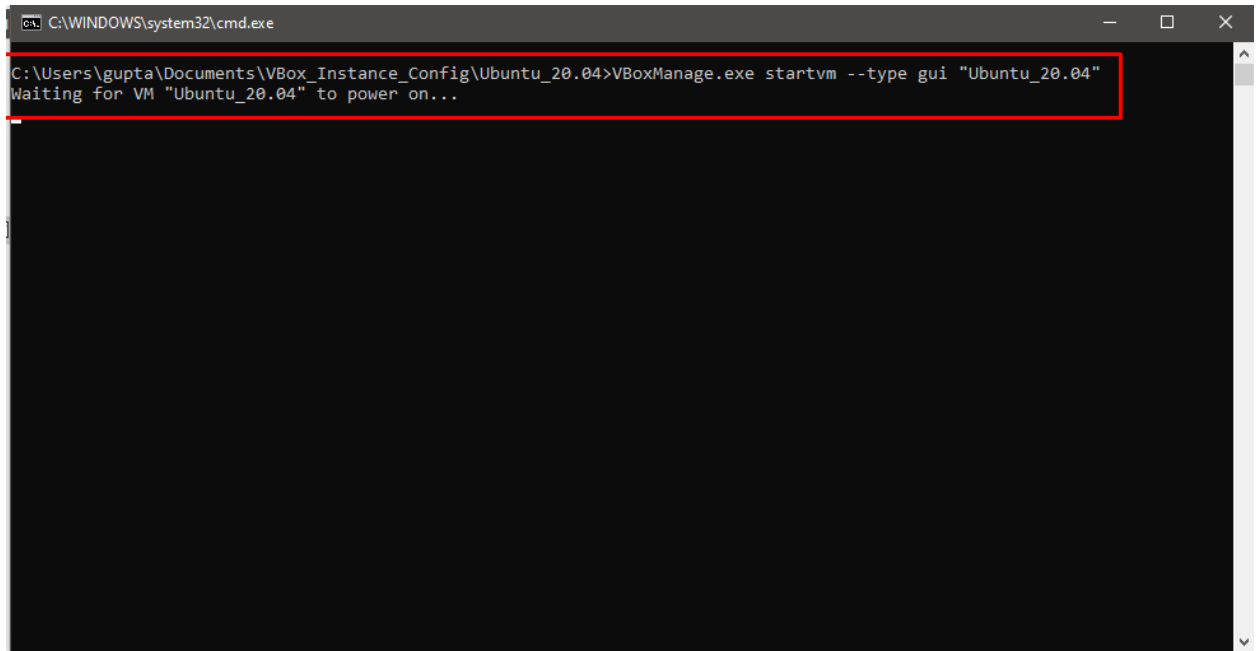


Confirm from Oracle VirtualBox also

Step3: - Click on Ubuntu_20.04_Start.cmd

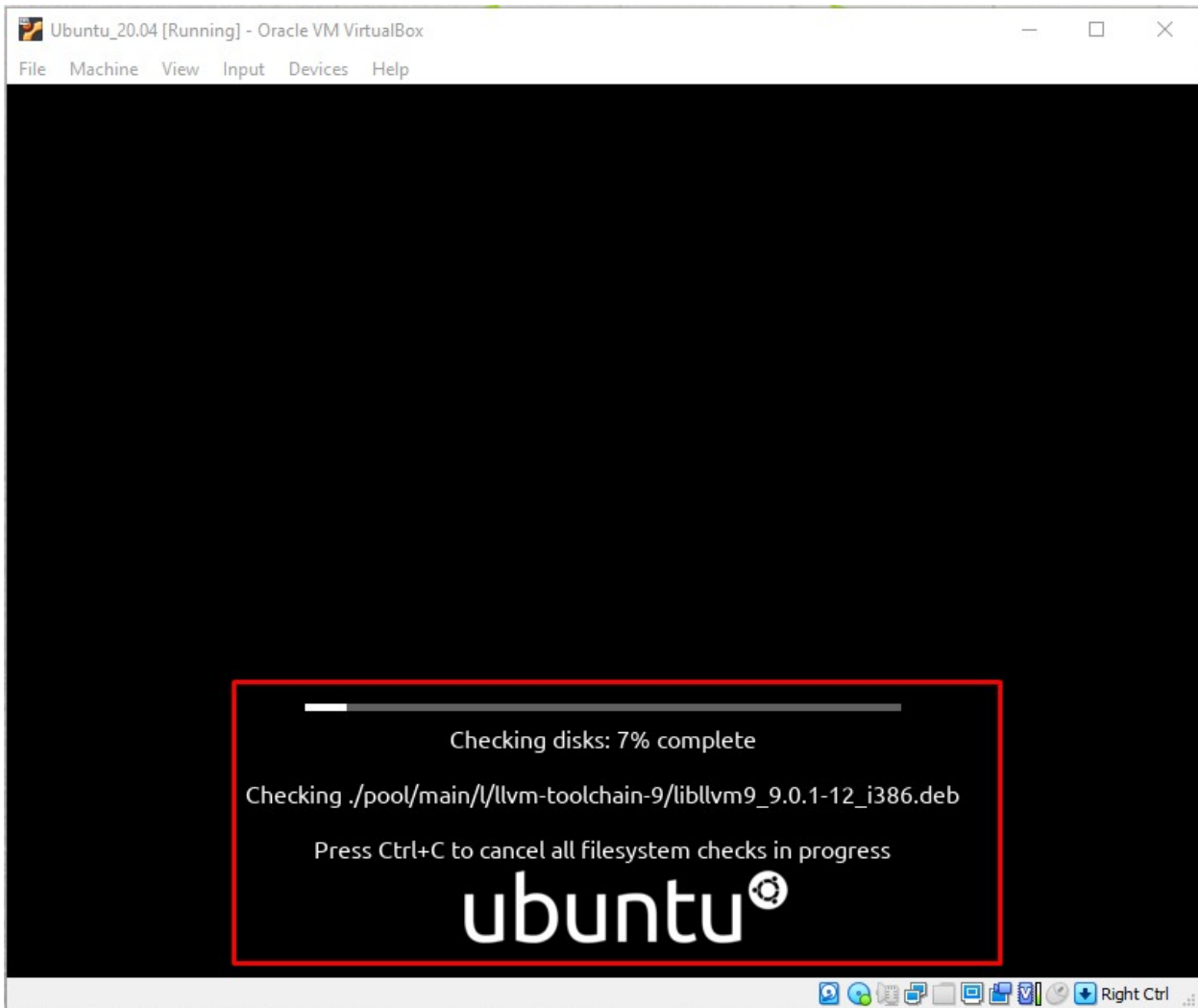
<input type="checkbox"/> Name	Date modified	Type	Size
<input type="checkbox"/> Ubuntu_20.04_Delete.cmd	30-05-2021 19:07	Windows Comma...	1 KB
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Step4: - After clicking, script automatically starts executing

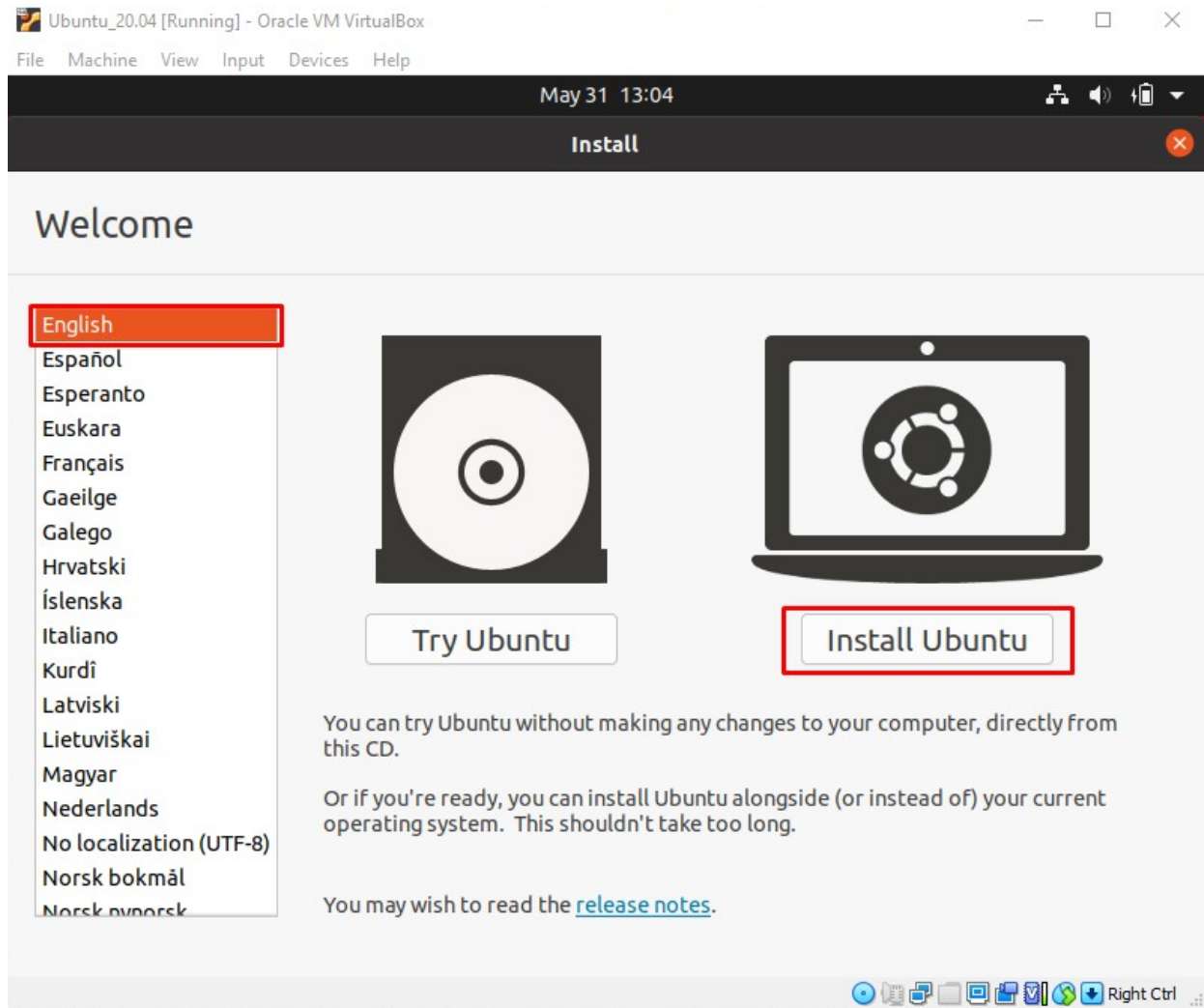


A screenshot of a Windows command prompt window. The title bar at the top reads "C:\WINDOWS\system32\cmd.exe". The command prompt shows the following text: `C:\Users\gupta\Documents\VBox_Instance_Config\Ubuntu_20.04>VBoxManage.exe startvm --type gui "Ubuntu_20.04"`. Below the command, it says "Waiting for VM "Ubuntu_20.04" to power on...". The text is highlighted with a red rectangular box. The rest of the command prompt area is black.

Step5: - Ubuntu Bootloader starts checking disks. You can Cancel by pressing **CTRL+C**.

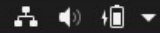


Step6: - Select 'Install Ubuntu' & desired language.



Step7: - Select your **Desired Keyboard** & press **Continue**.

May 31 13:06



Install



Keyboard layout

Choose your keyboard layout:

English (Ghana)

English (Nigeria)

English (South Africa)

English (UK)

English (US)

Esperanto

Estonian

Faroese

Filipino

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)

English (US) - English (Workman)

|

Detect Keyboard Layout

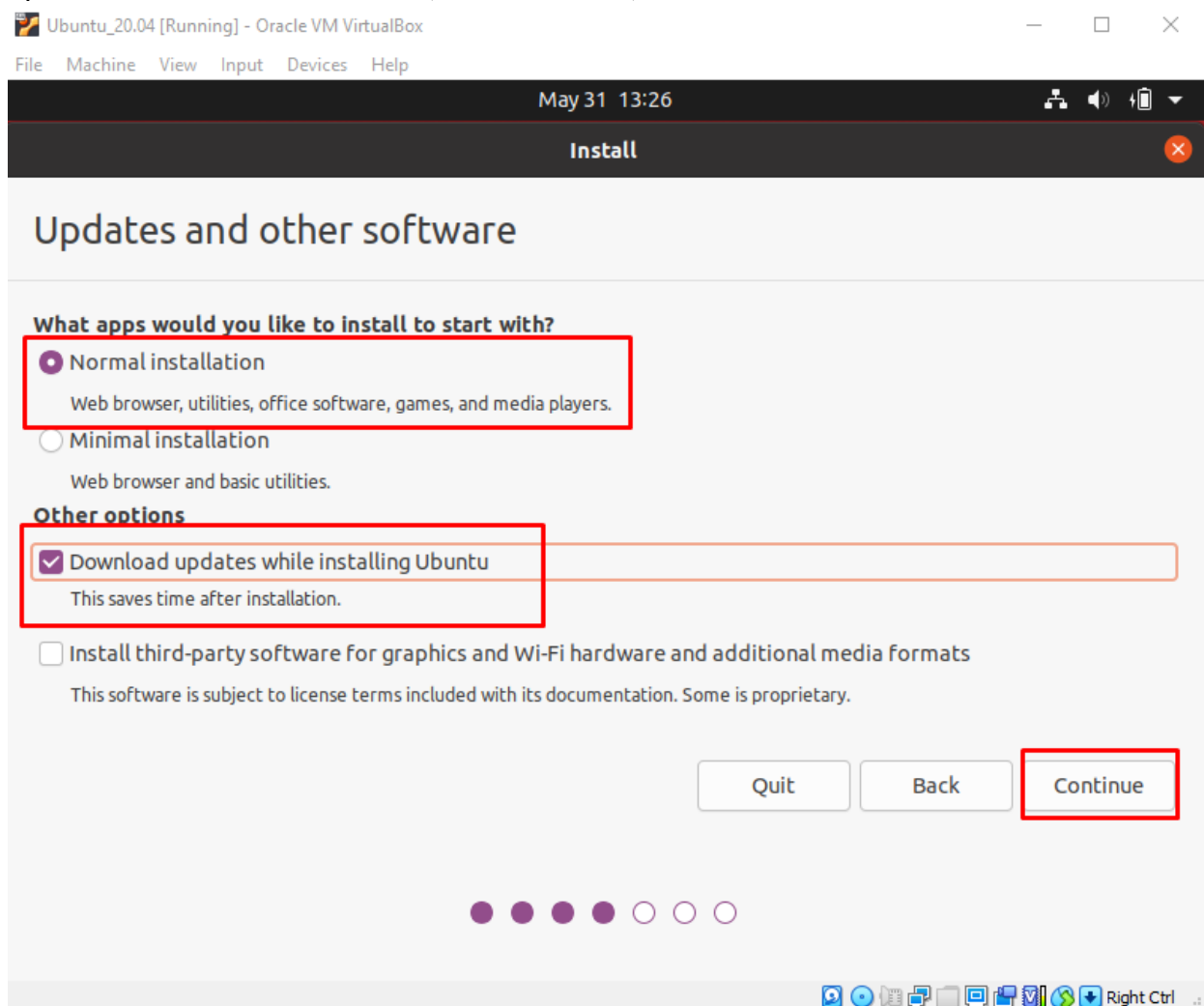
Quit

Back

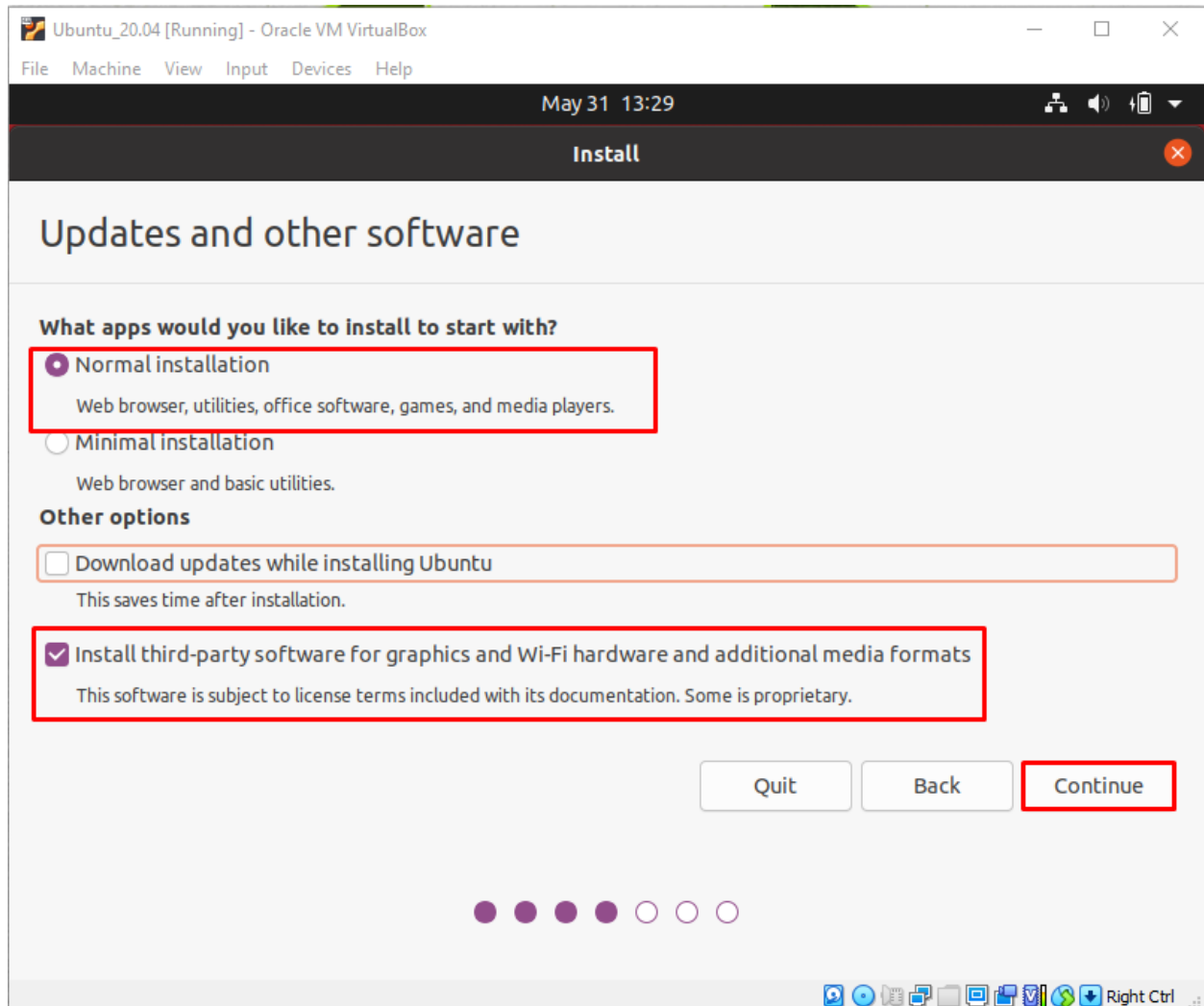
Continue



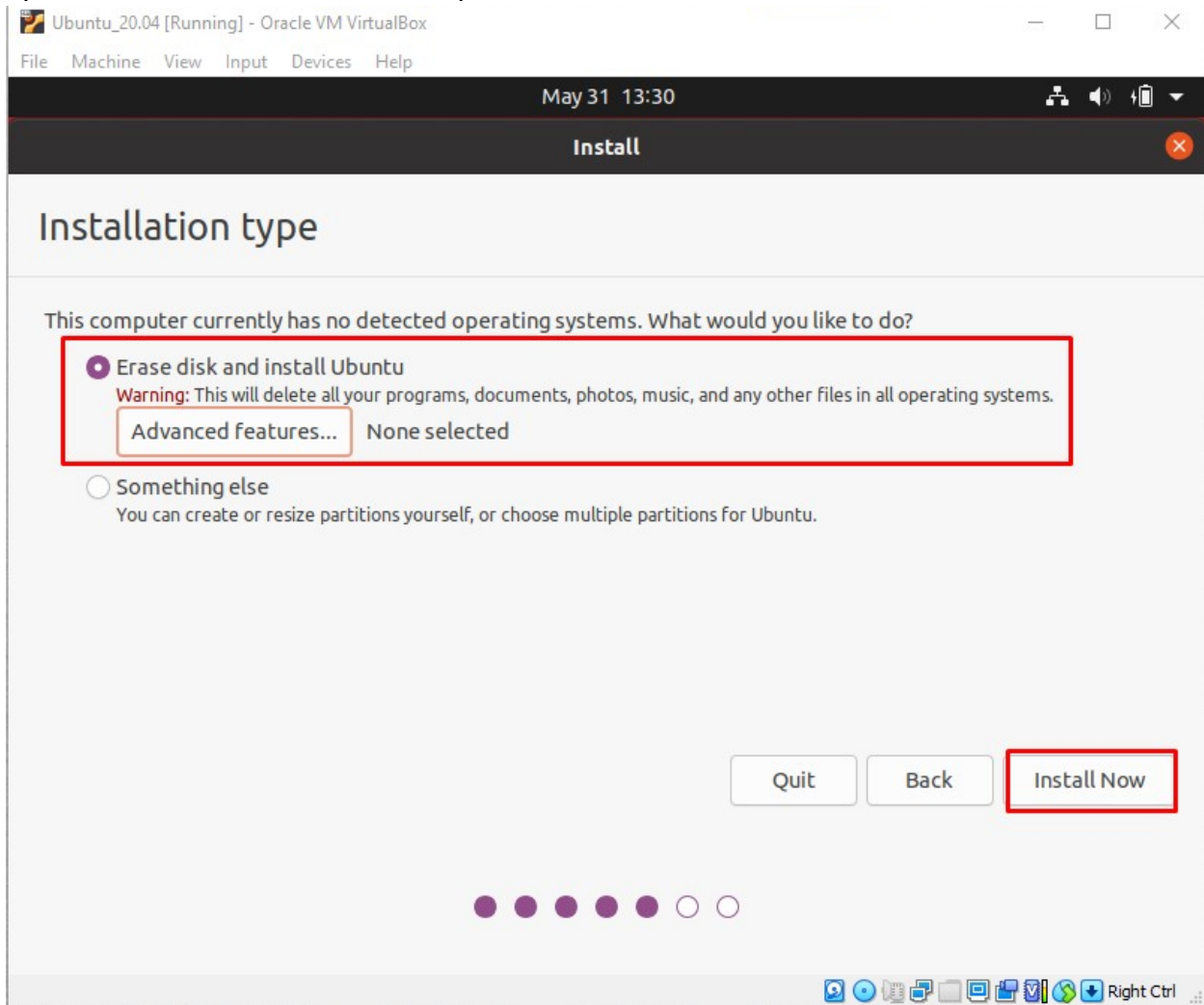
Step8: - Select **Normal Installation** (FOR most users)



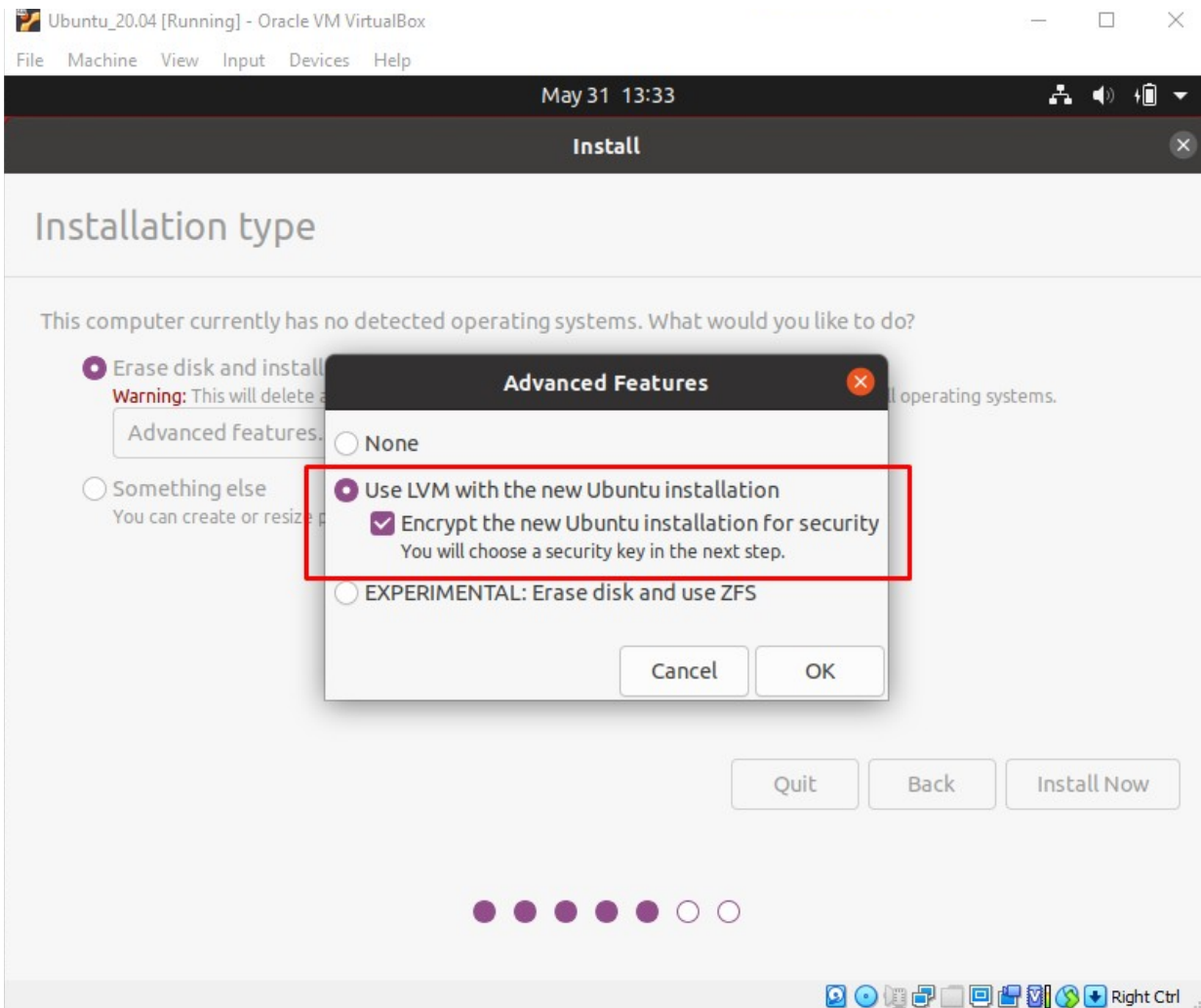
My own setup because of GPU support.



Step9: - For New Users: Go with this option.



Additionally, if you want to create LVM then click on '**Advanced Features**' or ZFS



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 data on the disk.

[Advanced Features...](#)

☐ Something else

You can create or resize partitions.

Advanced Features

☐ None

☐ Use LVM with the new Ubuntu installation

☐ Encrypt the new Ubuntu installation for security
You will choose a security key in the next step.

☒ **EXPERIMENTAL: Erase disk and use ZFS**

Cancel

OK

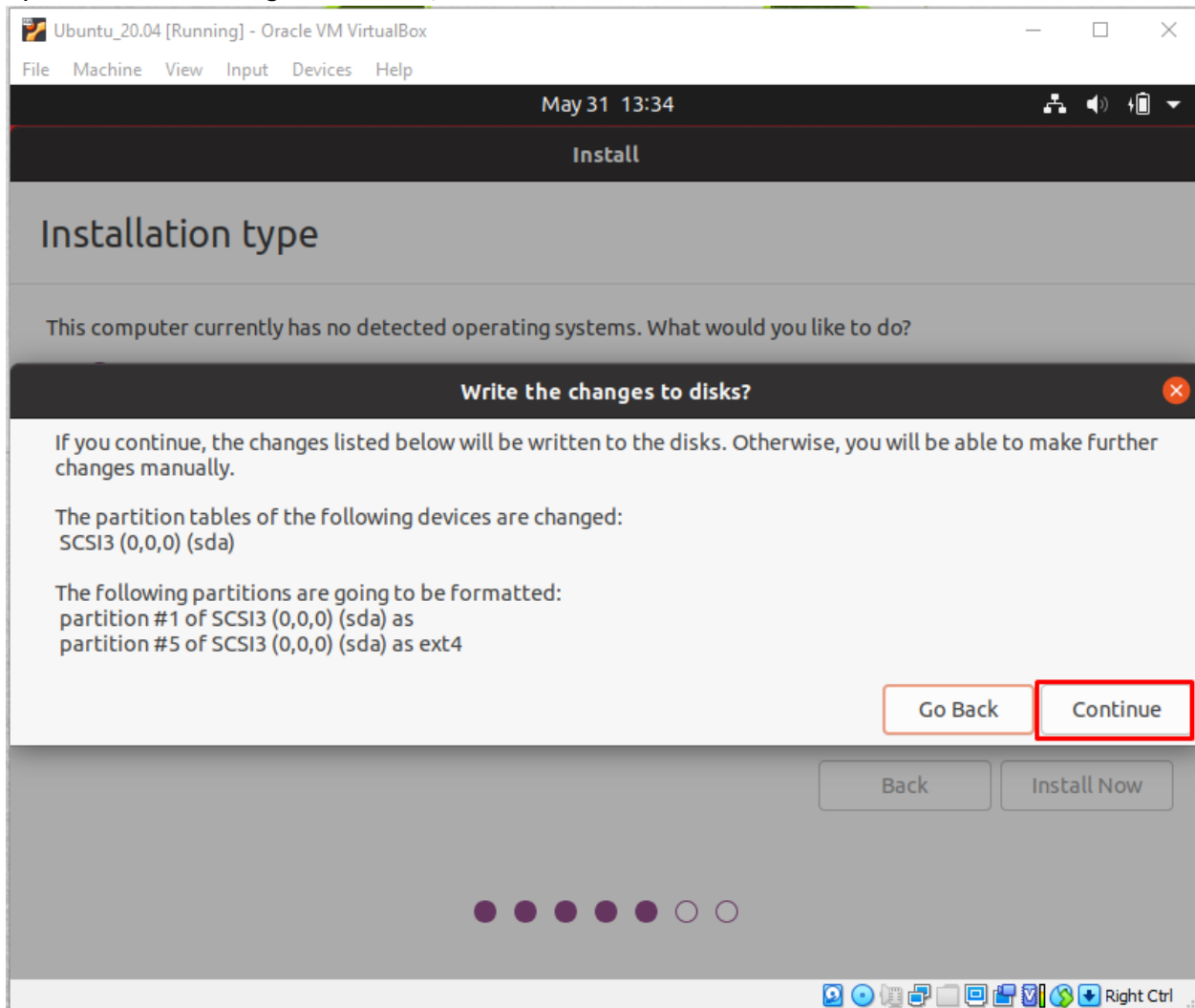
Quit

Back

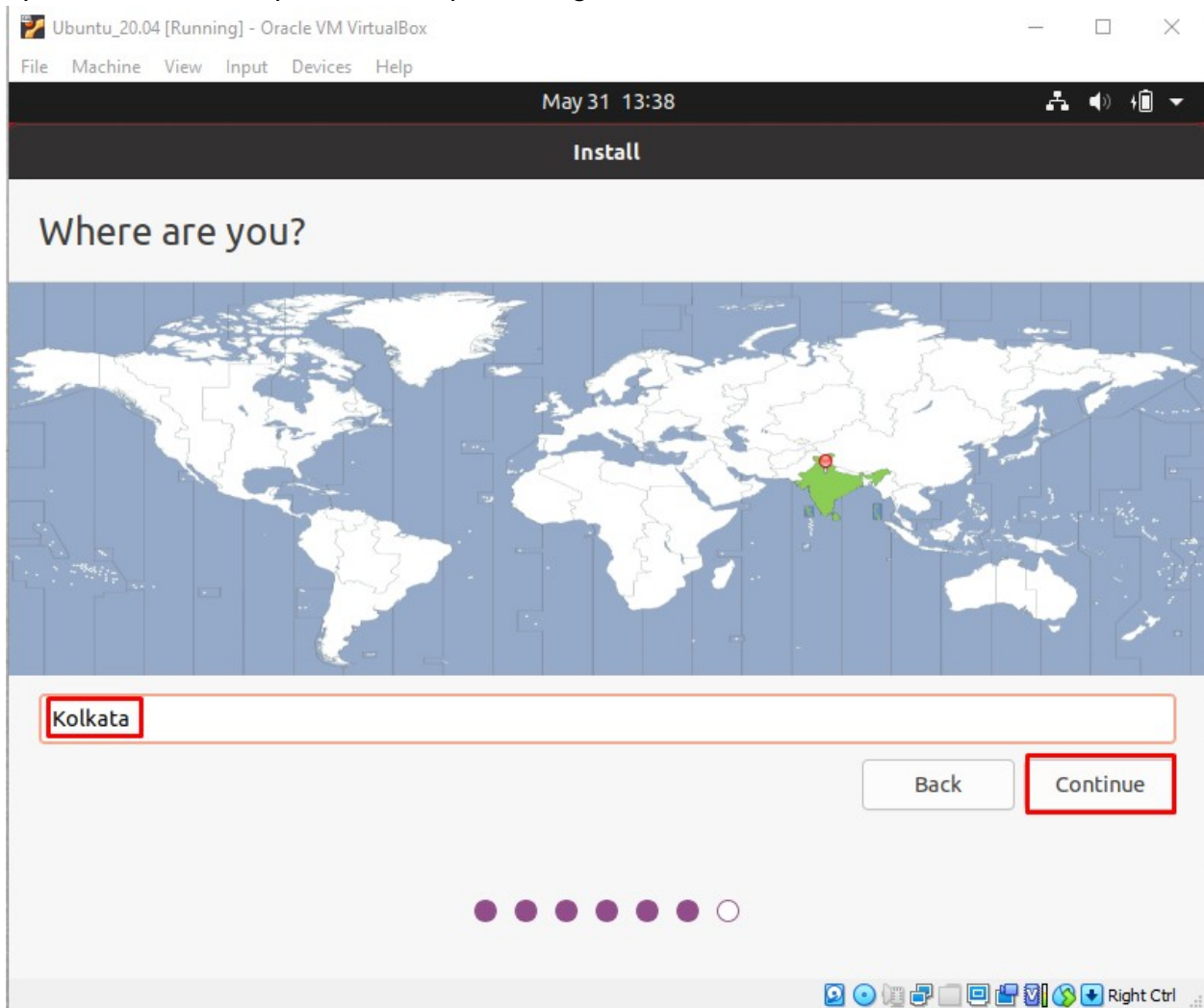
Install Now



Step10: - After selecting **Install Now**, click on Continue.



Step 11: - Select country from where you belongs to.



Step12: - Create a User

Ubuntu_20.04 [Running] - Oracle VM VirtualBox

File Machine View Input Devices Help

May 31 19:09

Install

Who are you?

Your name:

Your computer's name:
The name it uses when it talks to other computers.

Pick a username:

Choose a password:

Confirm your password:

☐ Log in automatically

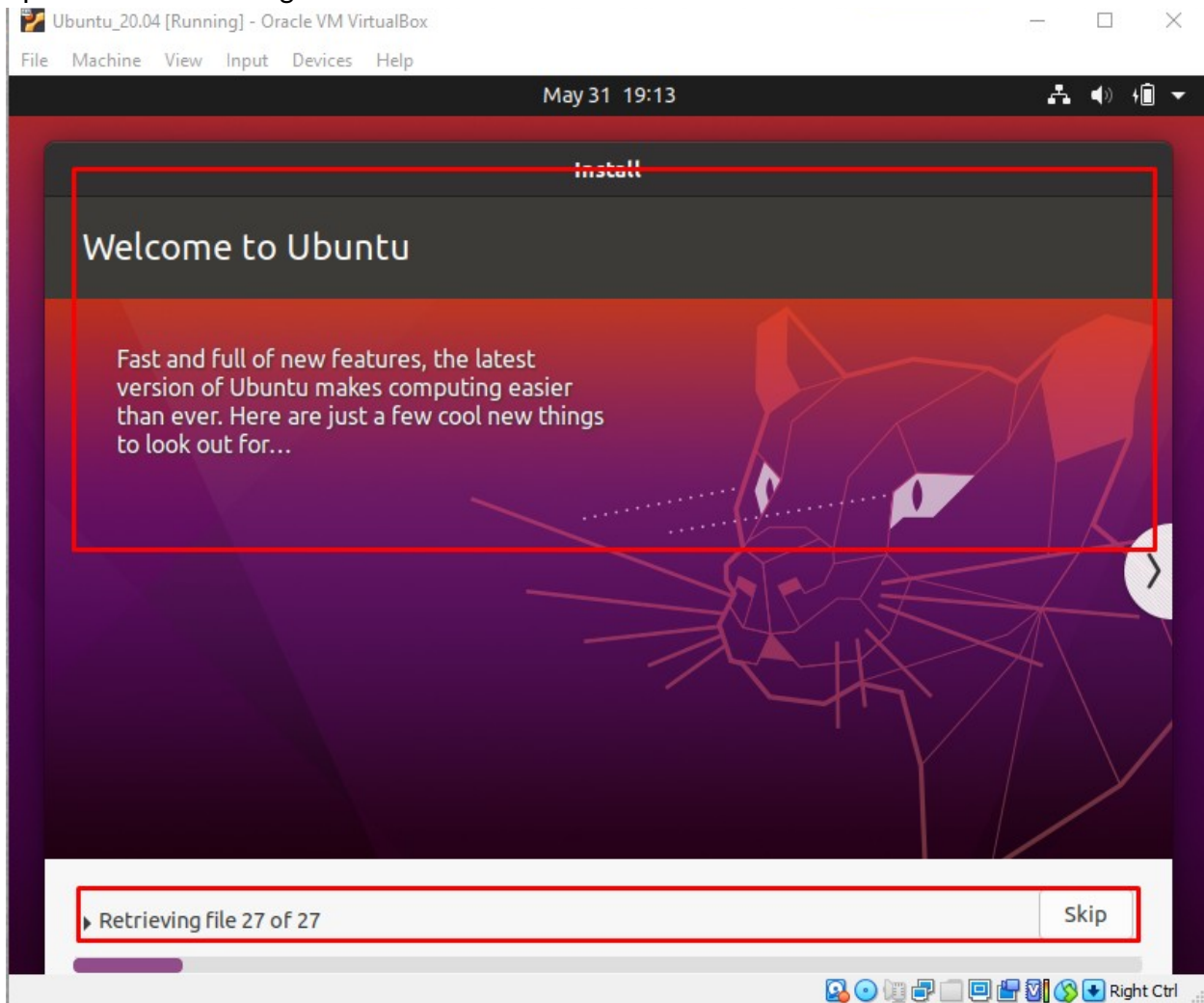
☒ Require my password to log in

Back Continue

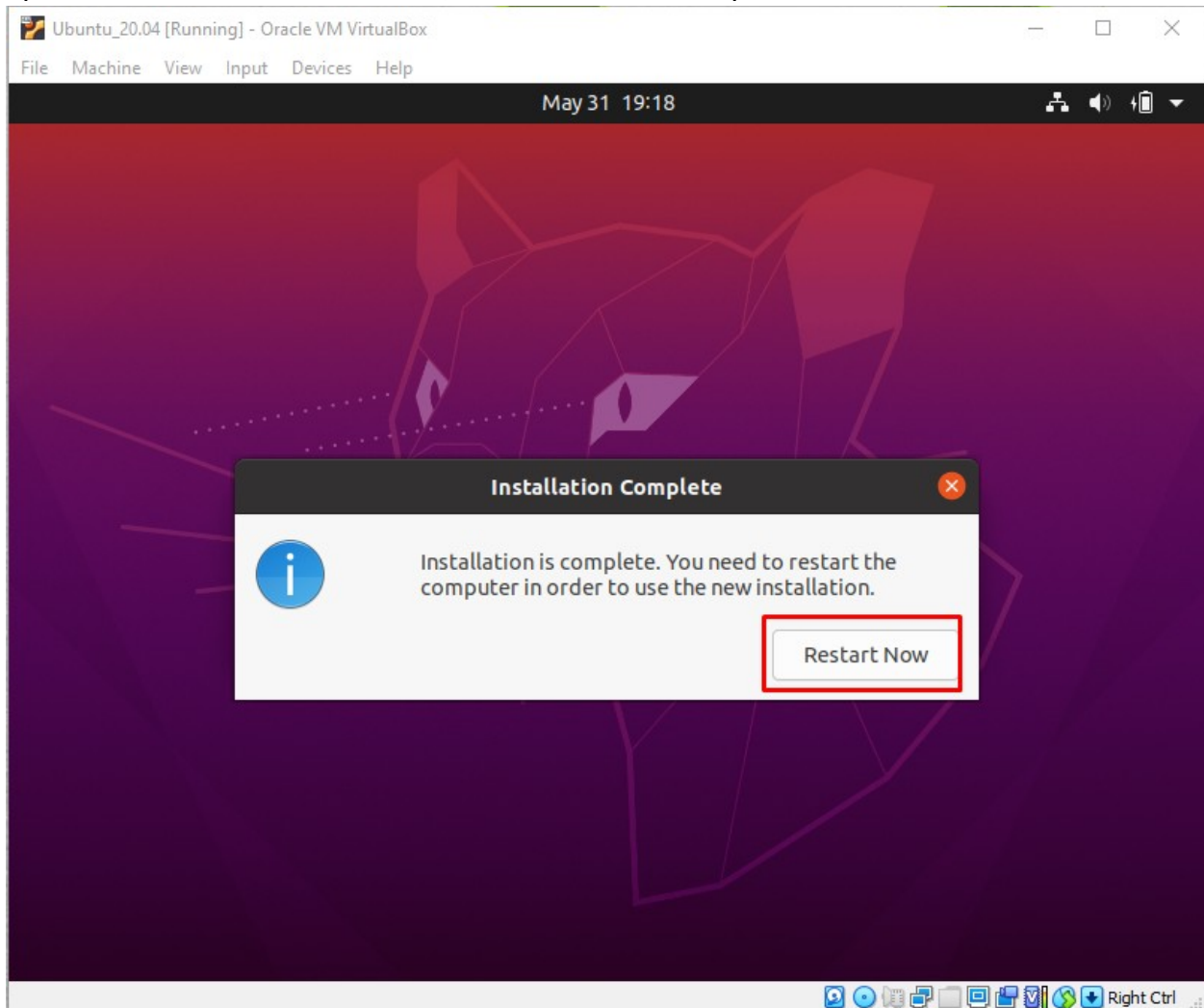
● ● ● ● ● ● ●

Right Ctrl

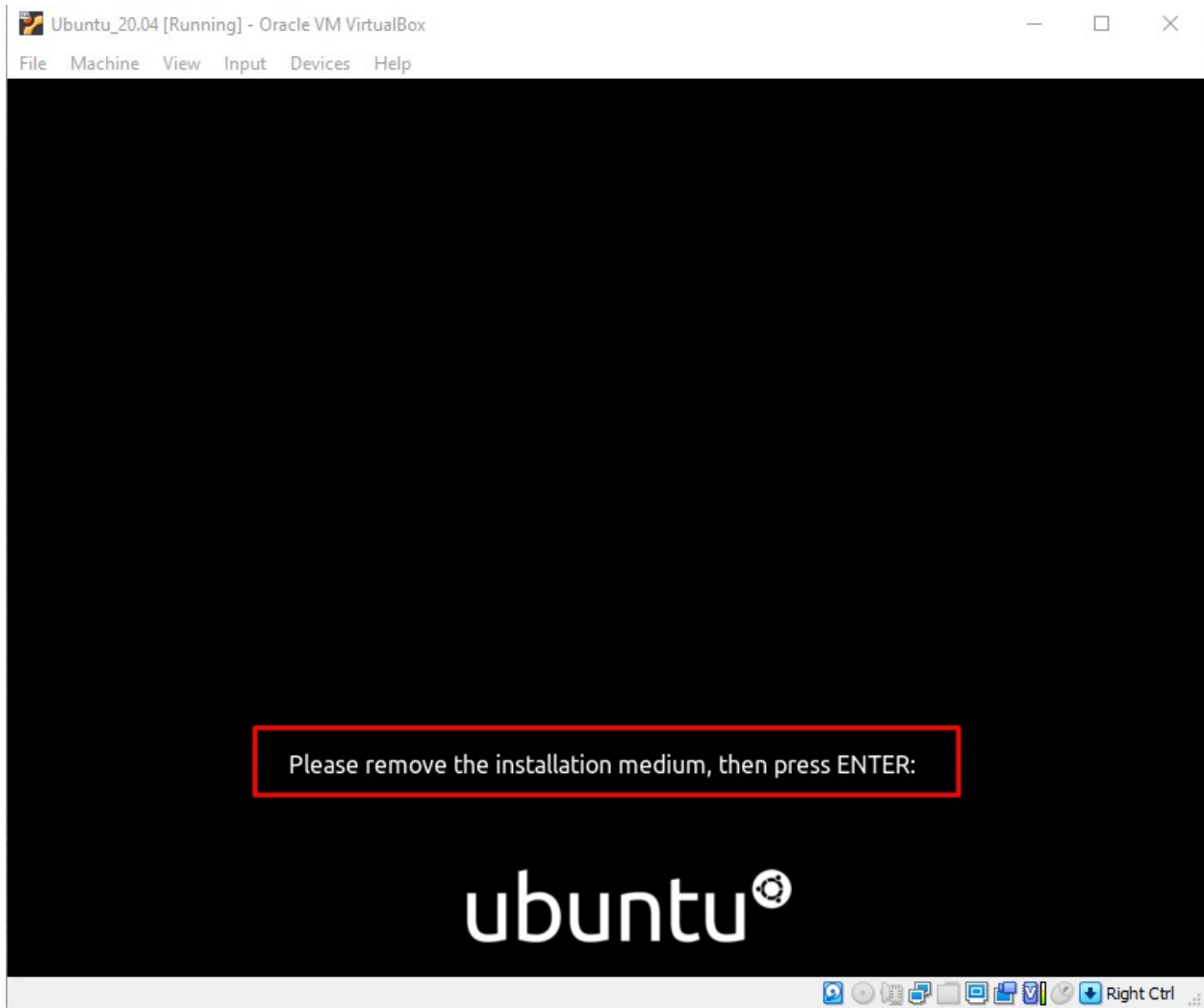
Step12: - Installation begins



Step13: - After successful installation, this screen is shown up! Click on '**Restart now**'



Step14: - Press **ENTER**



Step15: - Now your Ubuntu_20.04 is installed. #KUDOS to you

