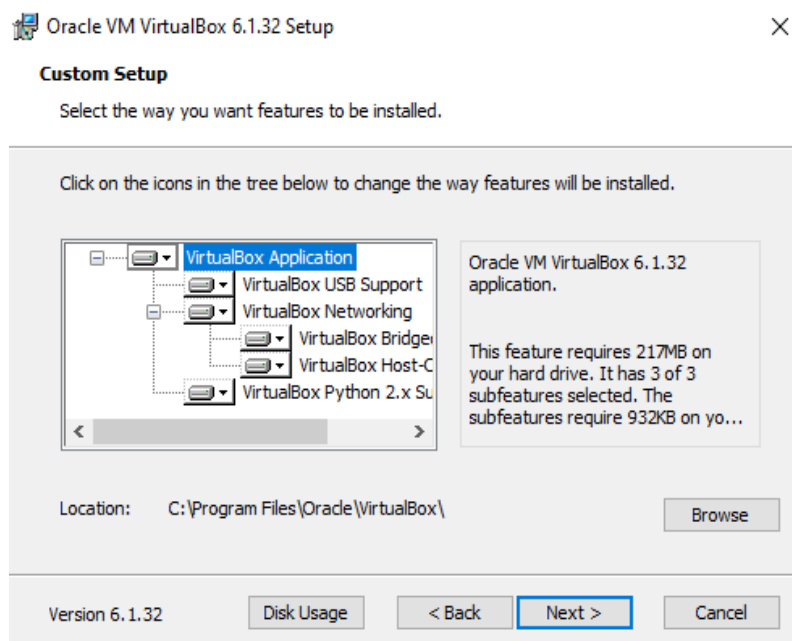


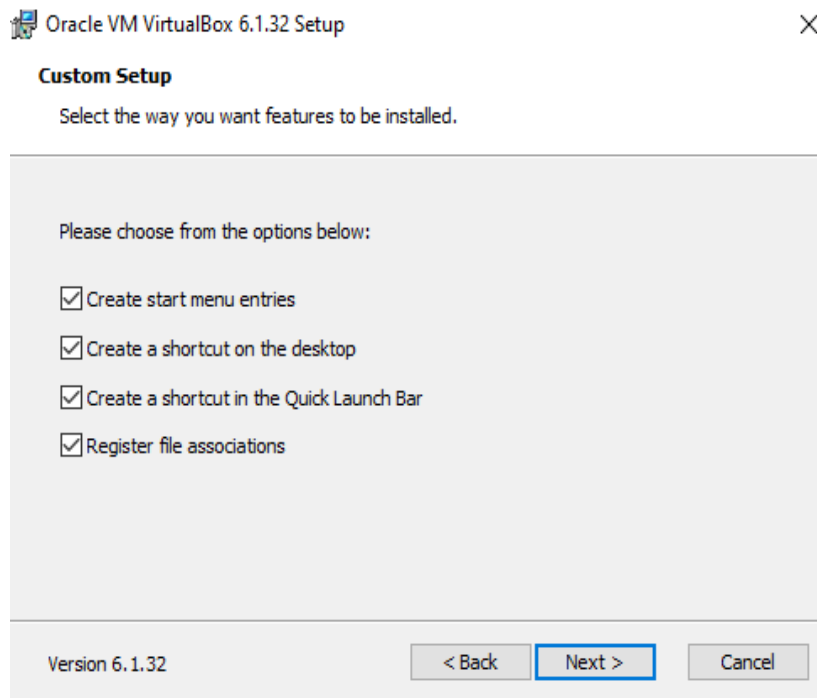
NETWORKING & SYSTEM ADMINISTRATION LAB**Experiment No.: 1****Aim**

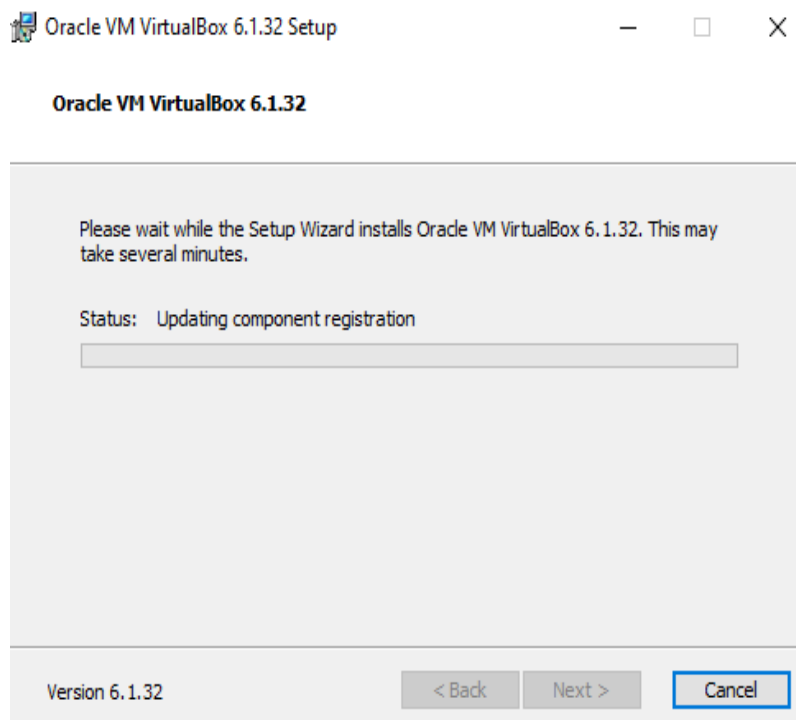
Install the latest version of Ubuntu on an Oracle VM VirtualBox.

Procedure

1. Install virtual box

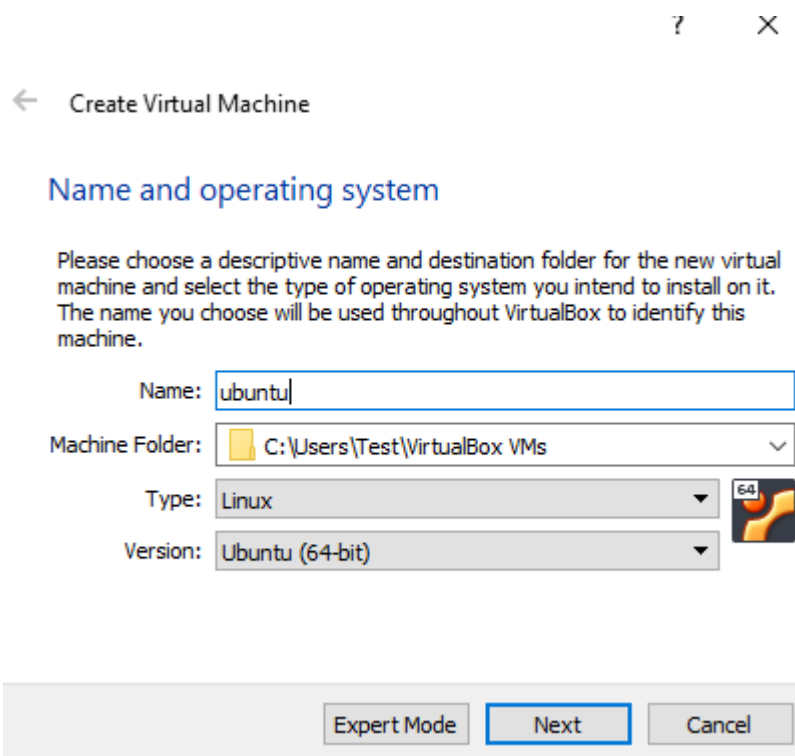




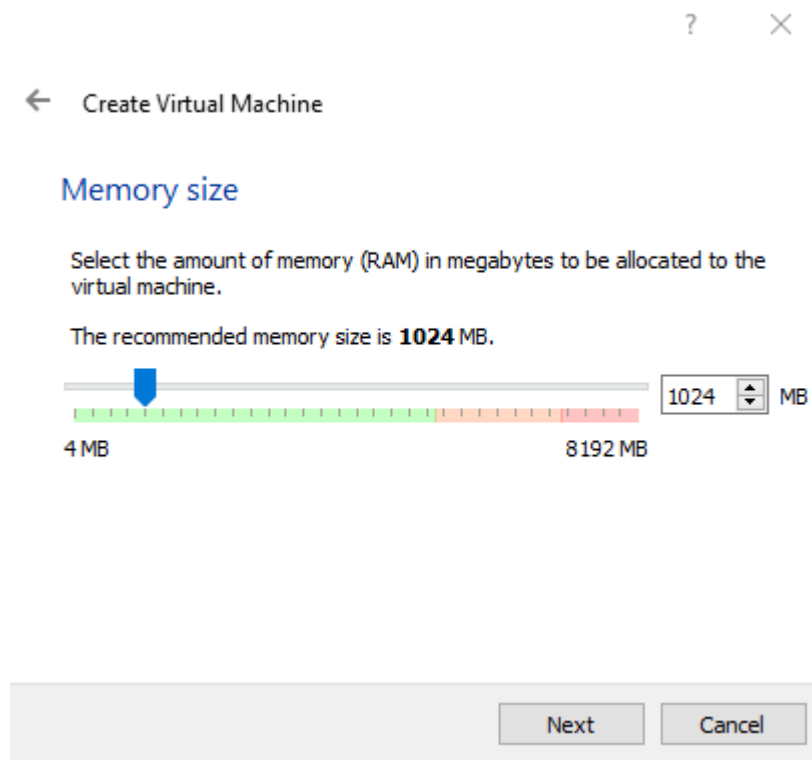




2. Click New to add OS(Ubuntu) to your virtual box and name the os with appropriate name



3. Create a memory (RAM) for VM



The screenshot shows the 'Create Virtual Machine' dialog box with the 'Memory size' step selected. The dialog has a title bar with a question mark and a close button. A back arrow and the text 'Create Virtual Machine' are at the top left. The main heading is 'Memory size'. Below it, the text says: 'Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.' and 'The recommended memory size is **1024 MB**.' A slider bar is shown with a blue handle at 1024 MB. The slider has a green section from 4 MB to 8192 MB. To the right of the slider is a text box containing '1024' and 'MB'. At the bottom right are 'Next' and 'Cancel' buttons.

← Create Virtual Machine

Memory size

Select the amount of memory (RAM) in megabytes to be allocated to the virtual machine.

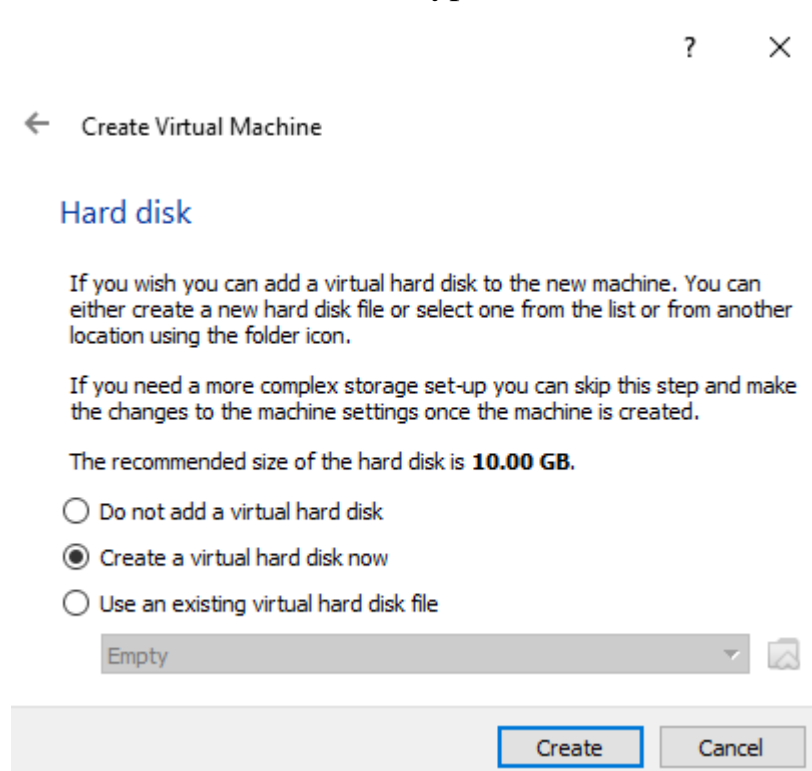
The recommended memory size is **1024 MB**.

4 MB 8192 MB

1024 MB

Next Cancel

4. Select the hard disk file type and size



The screenshot shows the 'Create Virtual Machine' dialog box with the 'Hard disk' step selected. The dialog has a title bar with a question mark and a close button. A back arrow and the text 'Create Virtual Machine' are at the top left. The main heading is 'Hard disk'. Below it, the text says: '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.' and '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.' and 'The recommended size of the hard disk is **10.00 GB**.' There are three radio buttons: 'Do not add a virtual hard disk', 'Create a virtual hard disk now' (which is selected), and 'Use an existing virtual hard disk file'. Below the radio buttons is a dropdown menu with 'Empty' selected and a folder icon. At the bottom right are 'Create' and 'Cancel' buttons.

← 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

← 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

5. Choose allocation type

? ×

← Create Virtual Hard Disk

Storage on physical hard disk

Please choose whether the new virtual hard disk file should grow as it is used (dynamically allocated) or if it should be created at its maximum size (fixed size).

A **dynamically allocated** hard disk file will only use space on your physical hard disk as it fills up (up to a maximum **fixed size**), although it will not shrink again automatically when space on it is freed.

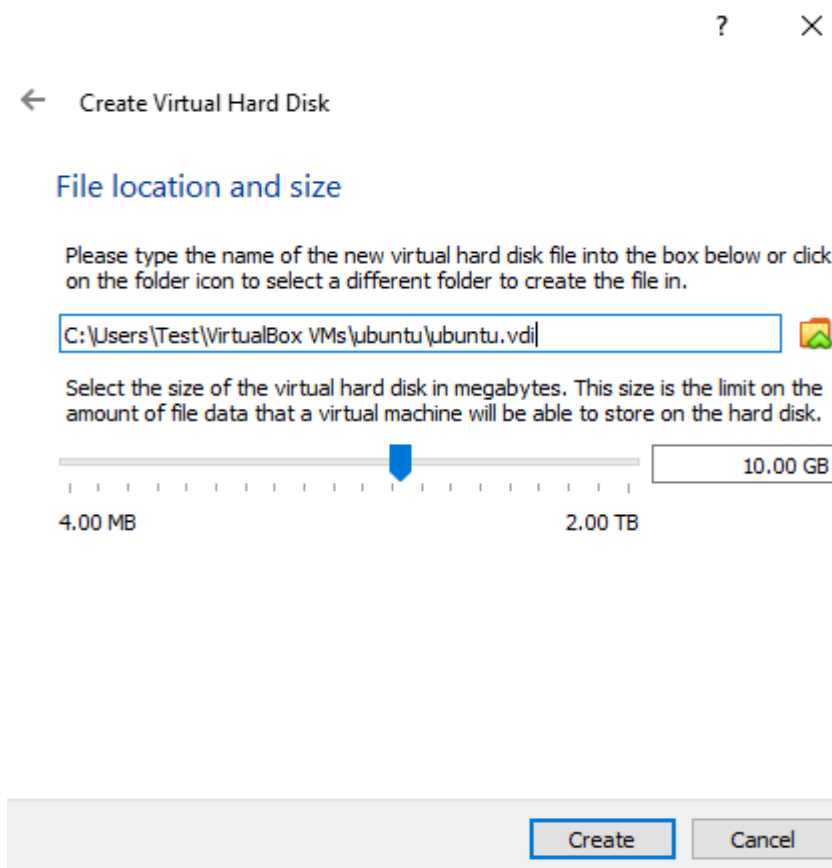
A **fixed size** hard disk file may take longer to create on some systems but is often faster to use.

- ☒ Dynamically allocated
☐ Fixed size

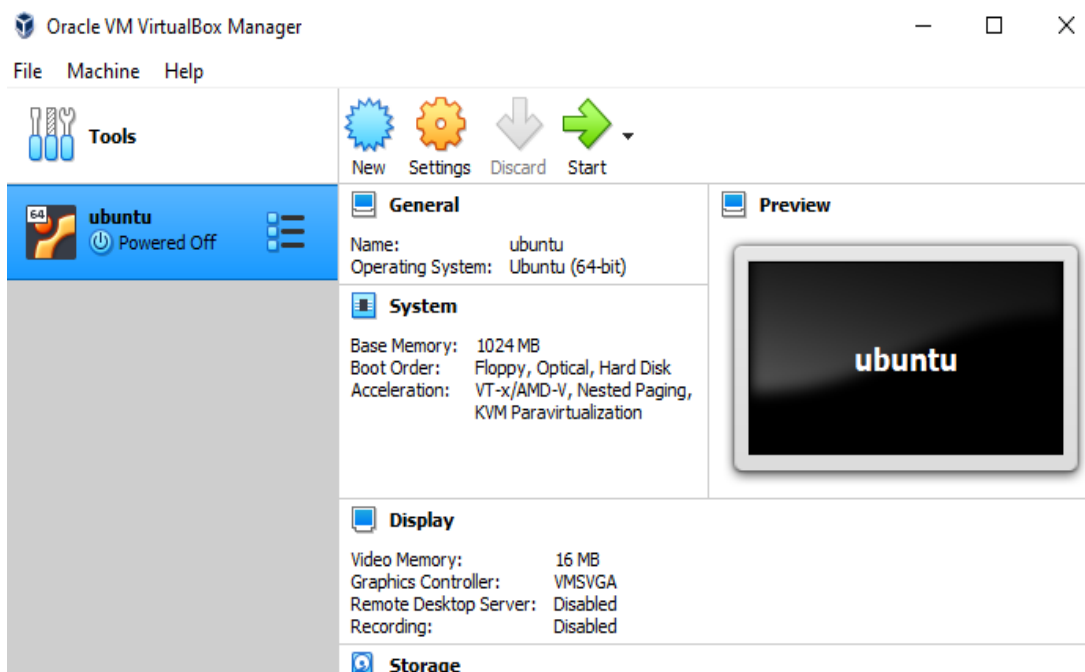
Next

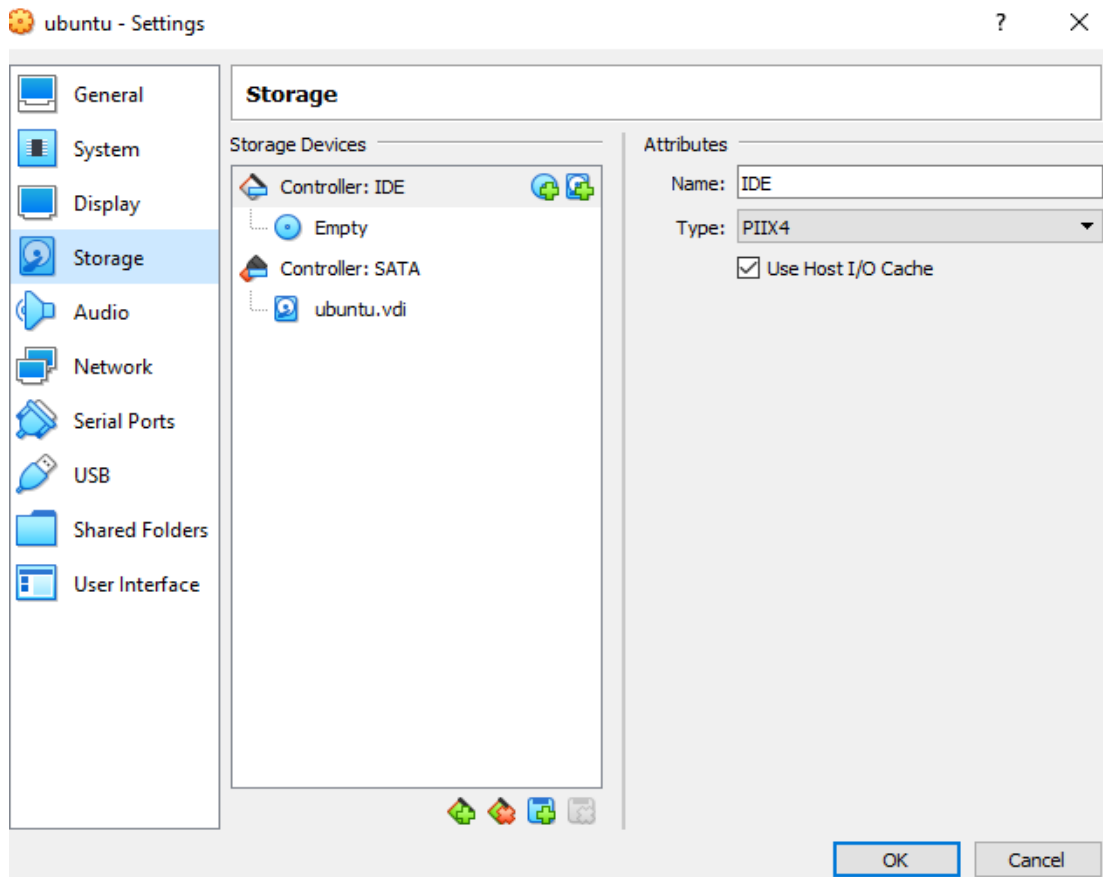
Cancel

6. Set file location and size

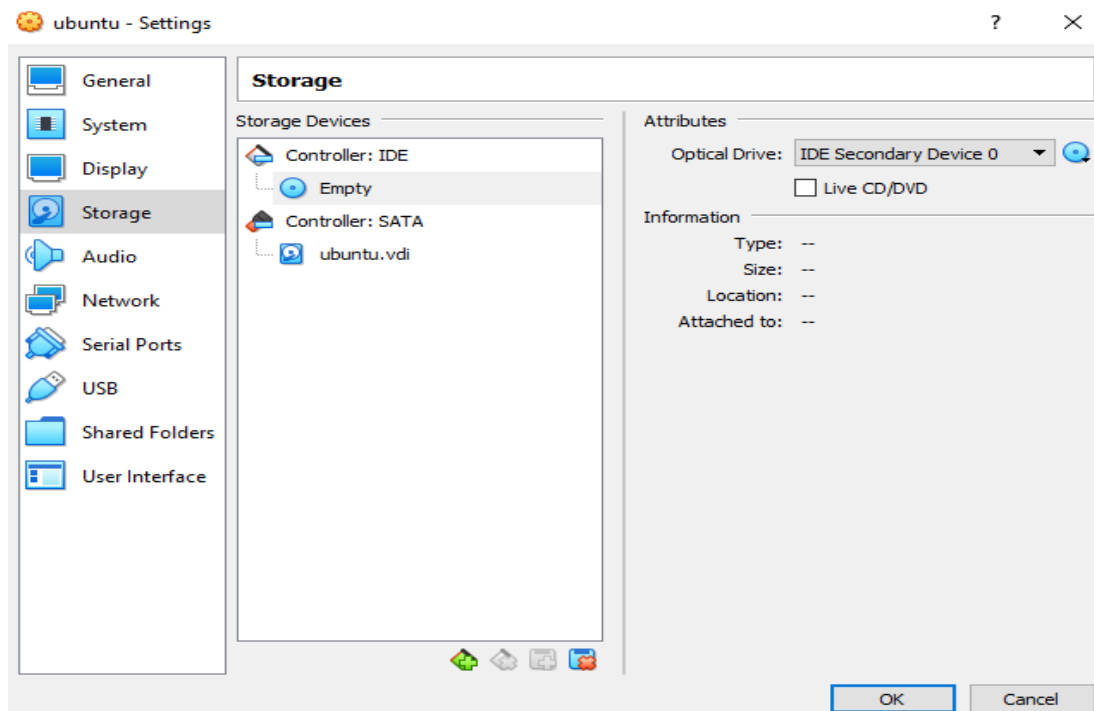


7. Click on the storage option

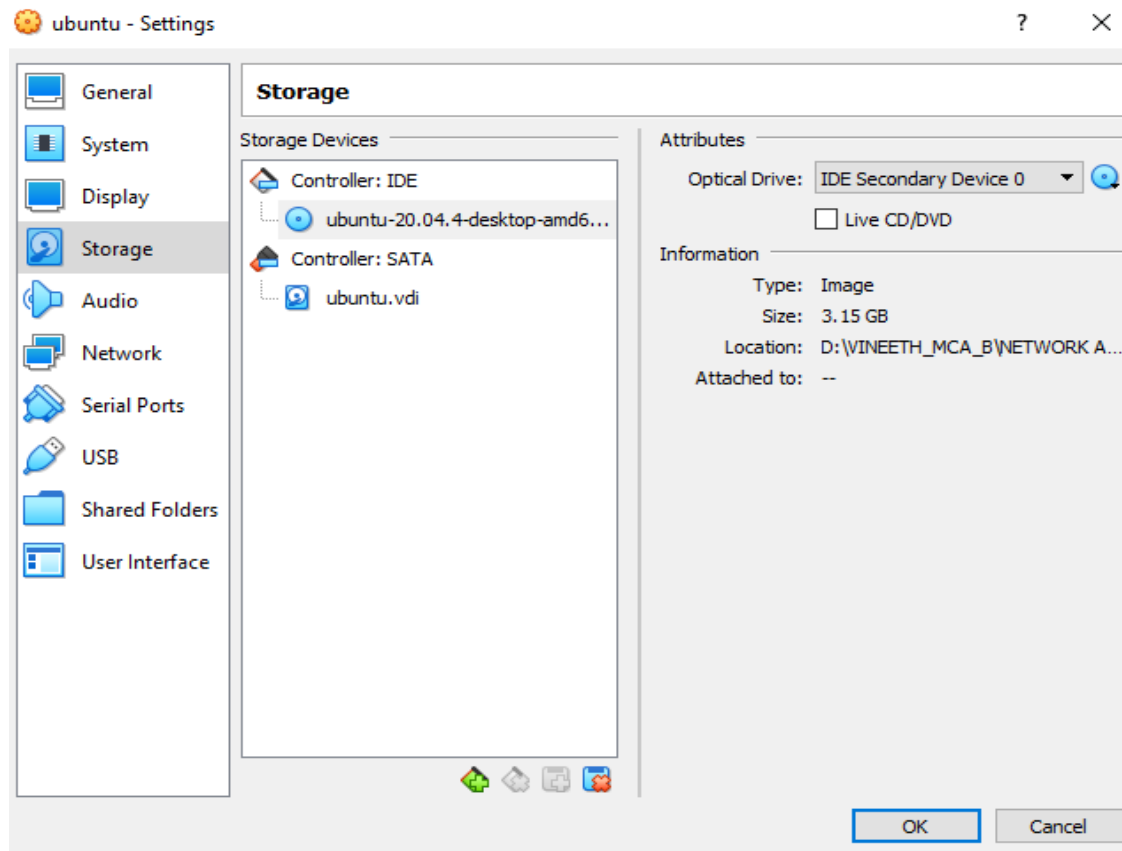




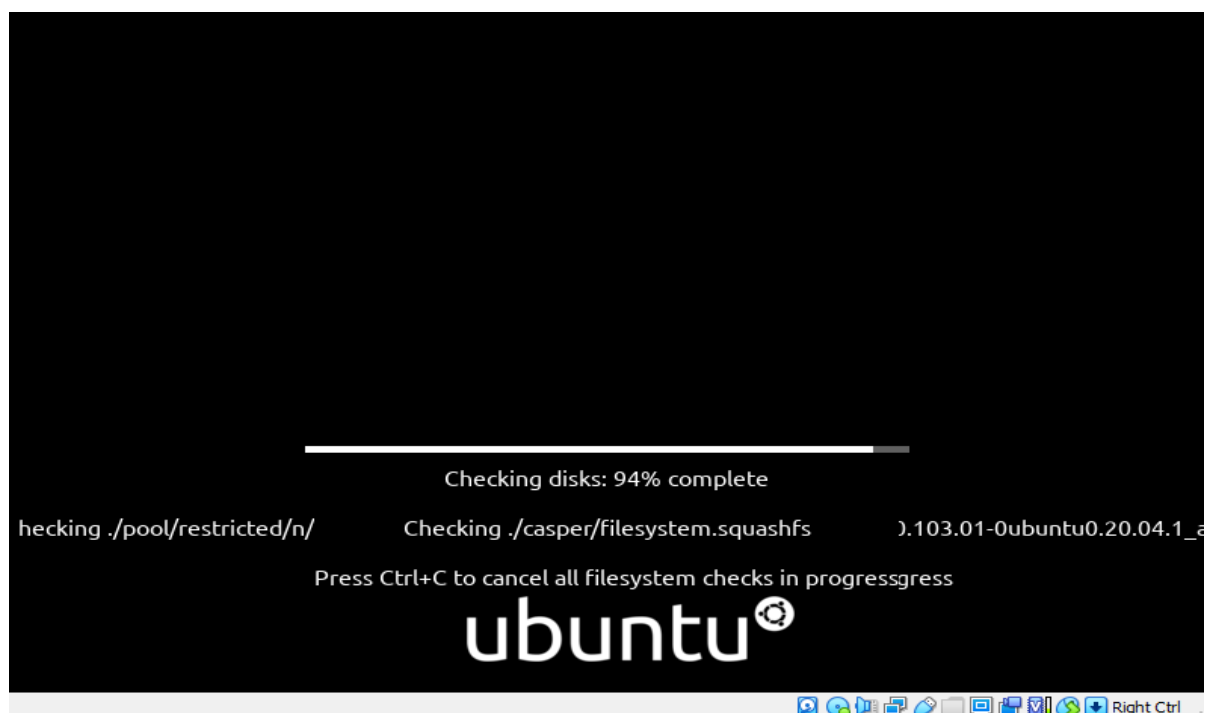
8. Select empty disc under controller-IDE



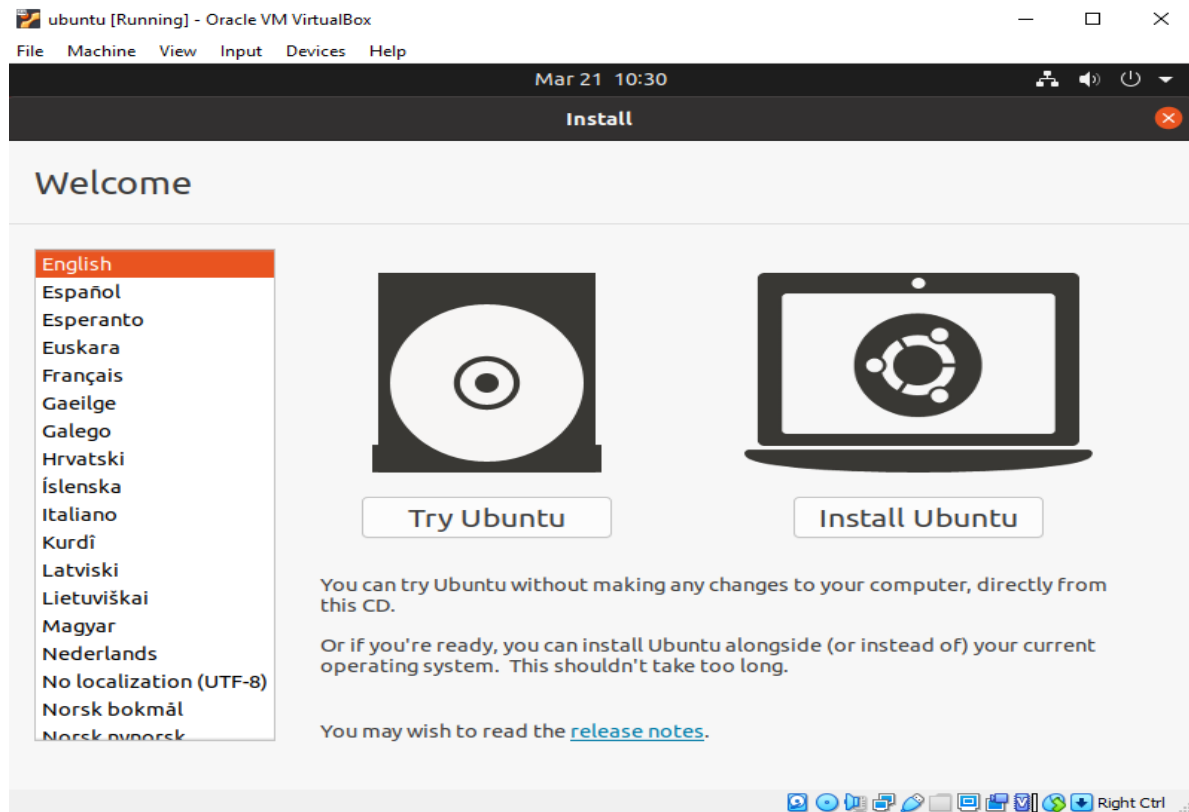
9. Through optical drive option , choose ISO file of Ubuntu



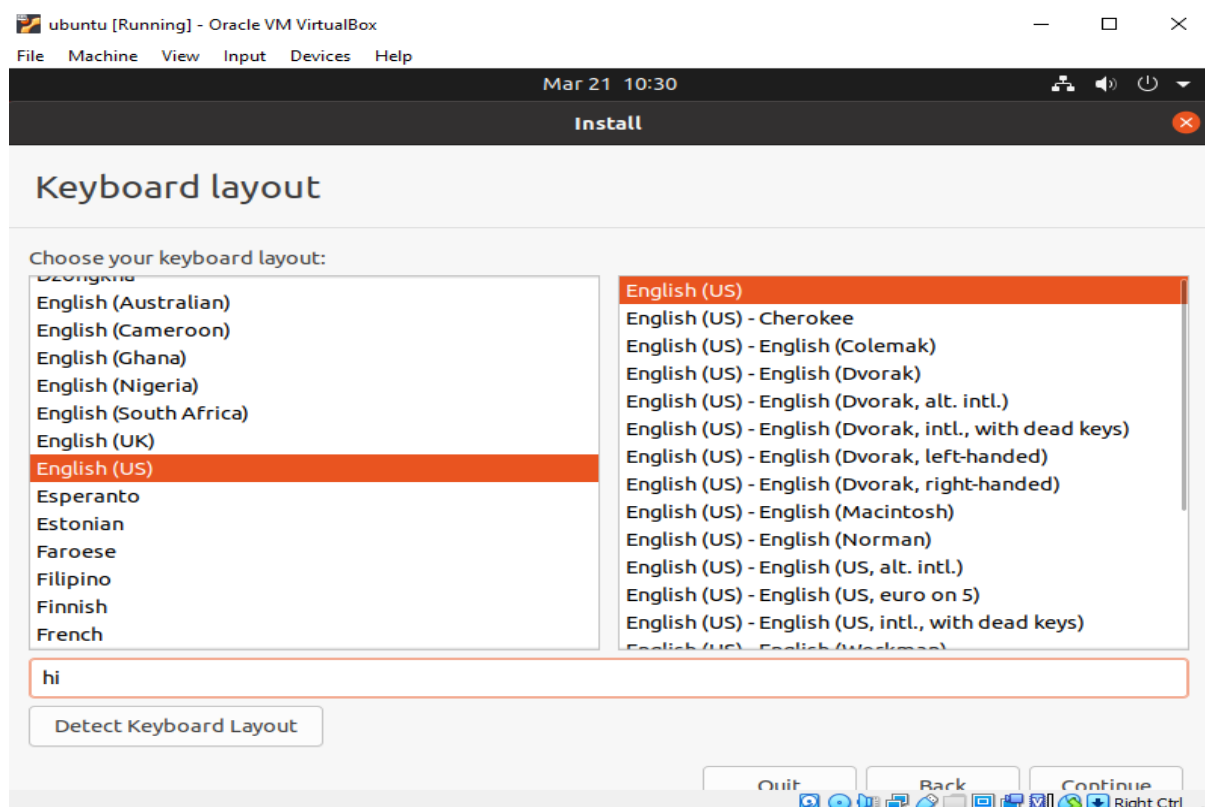
10. Click on start to begin os installation



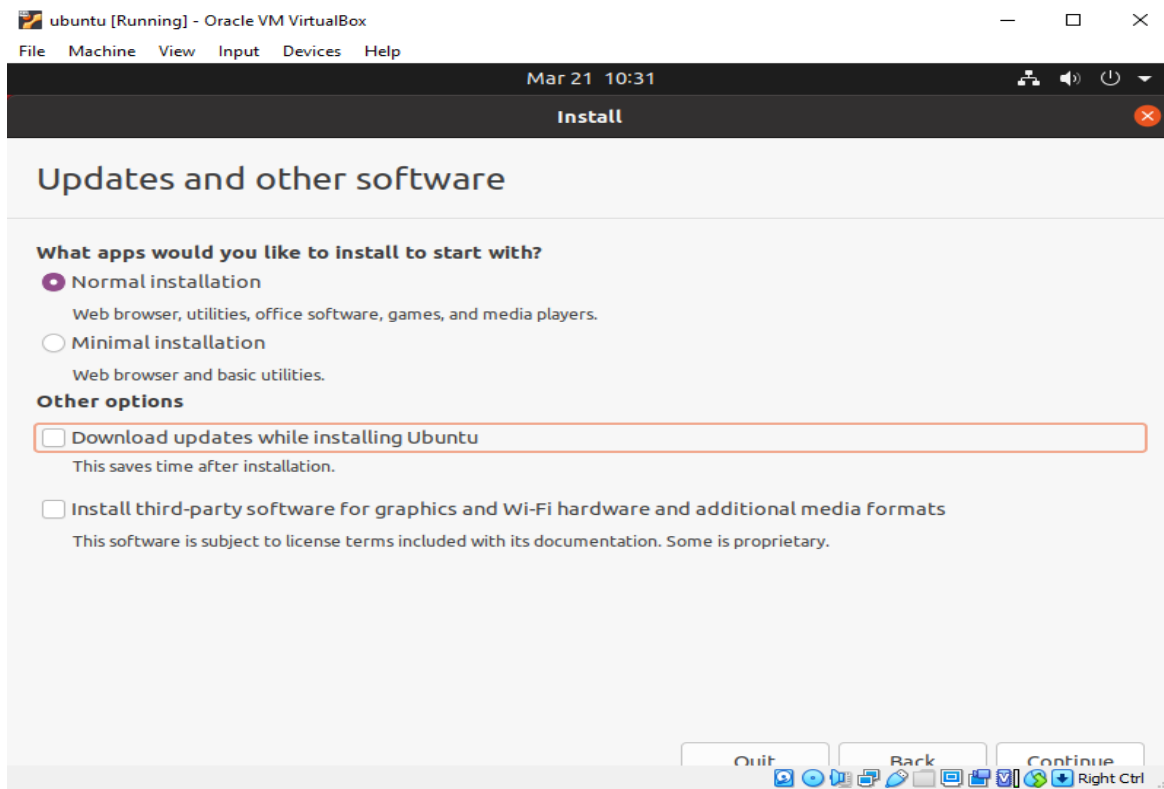
11. Click on install Ubuntu option



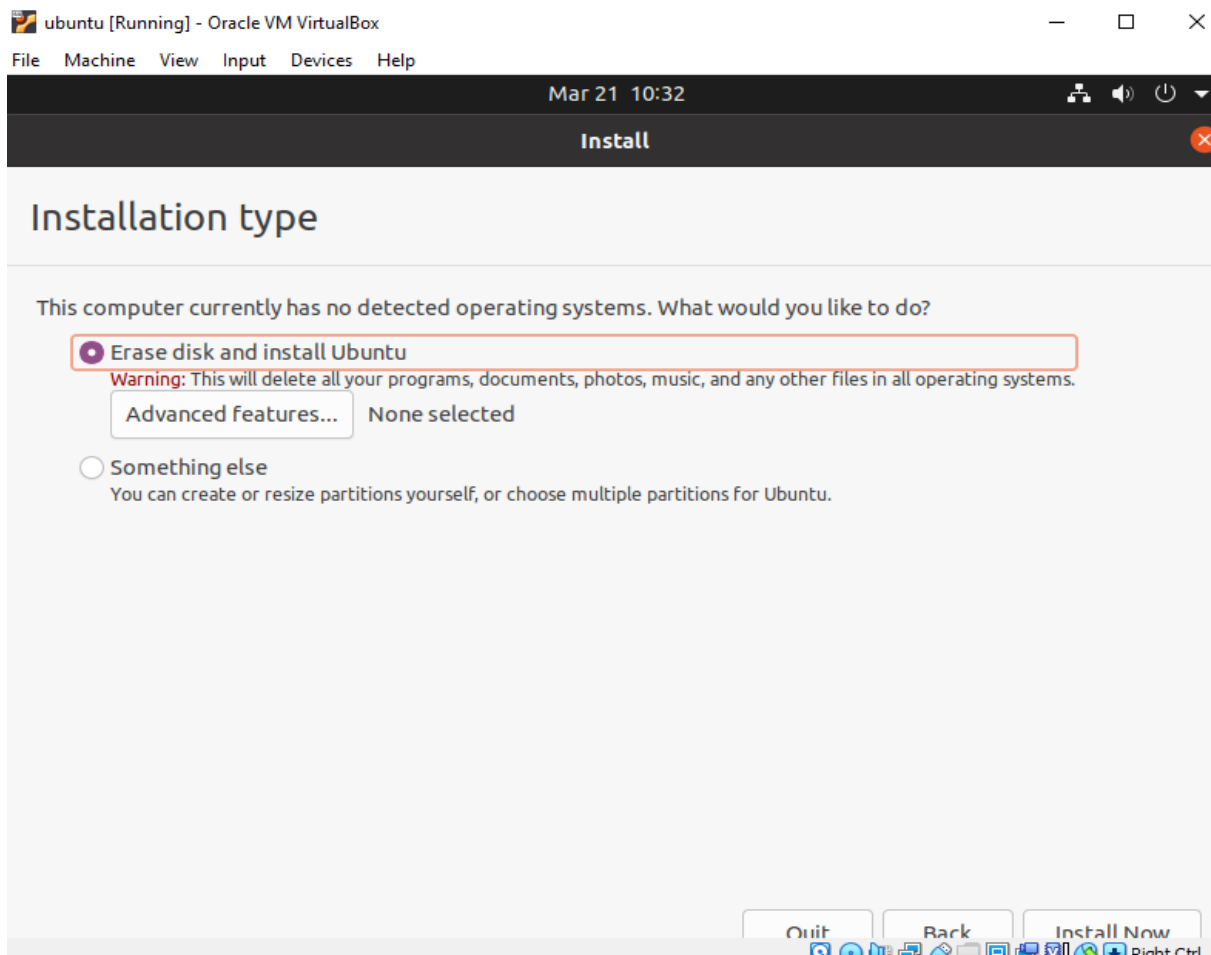
12. Choose a keyboard



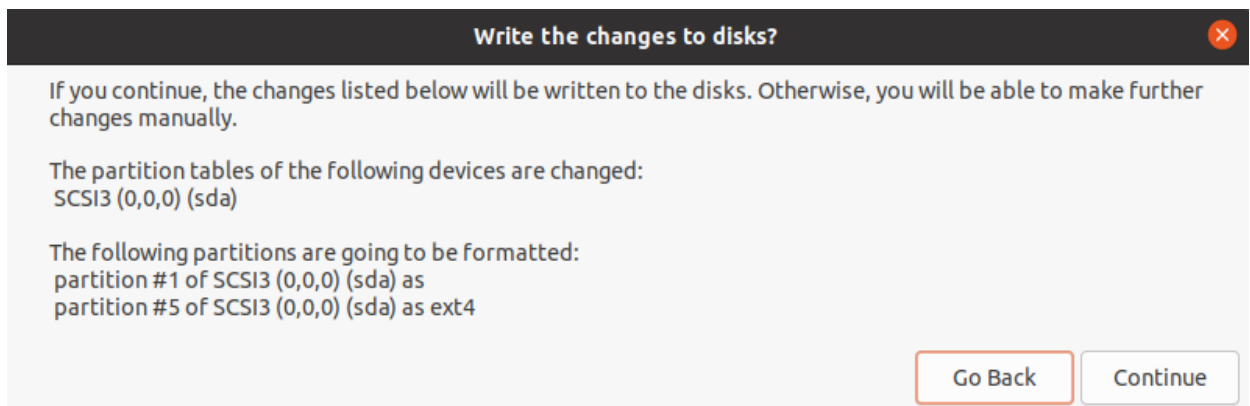
13. Select normal installation and press continue



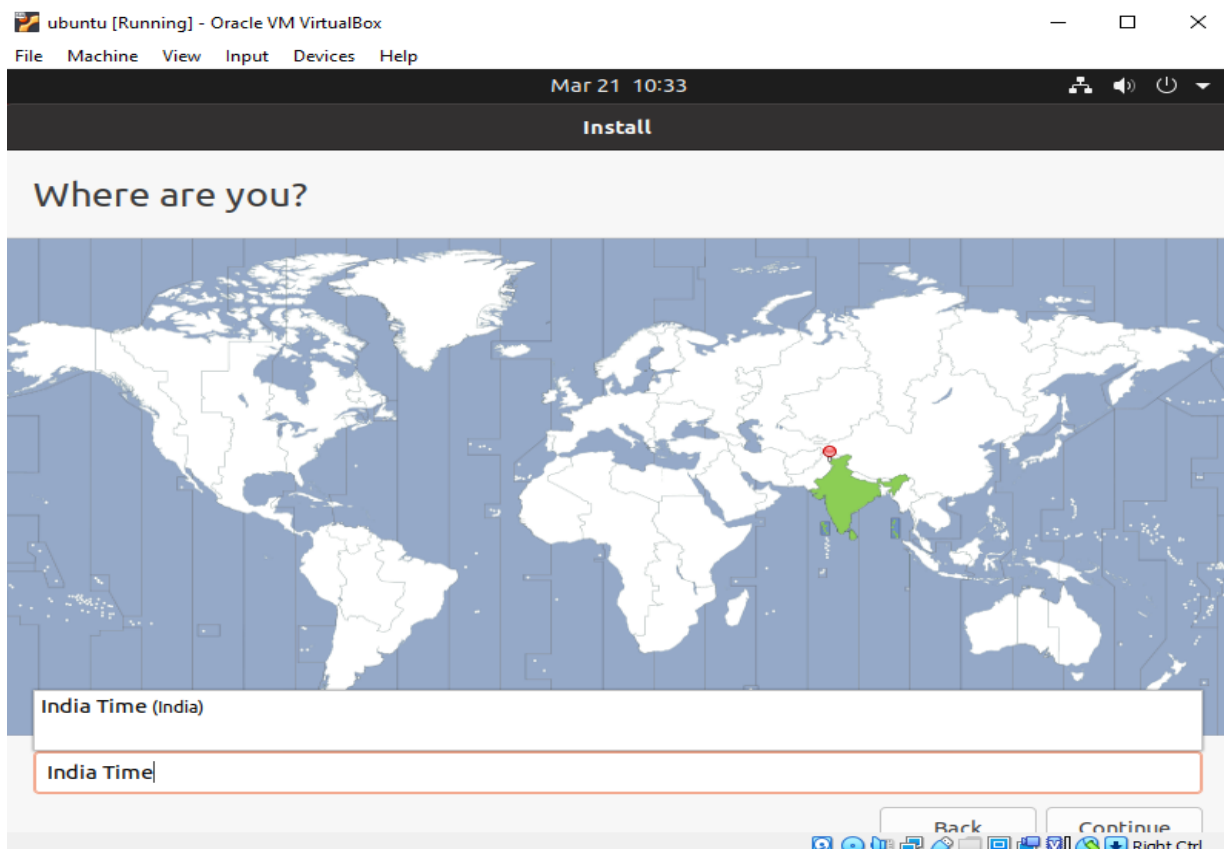
14. Choose 'erase disk and install Ubuntu'



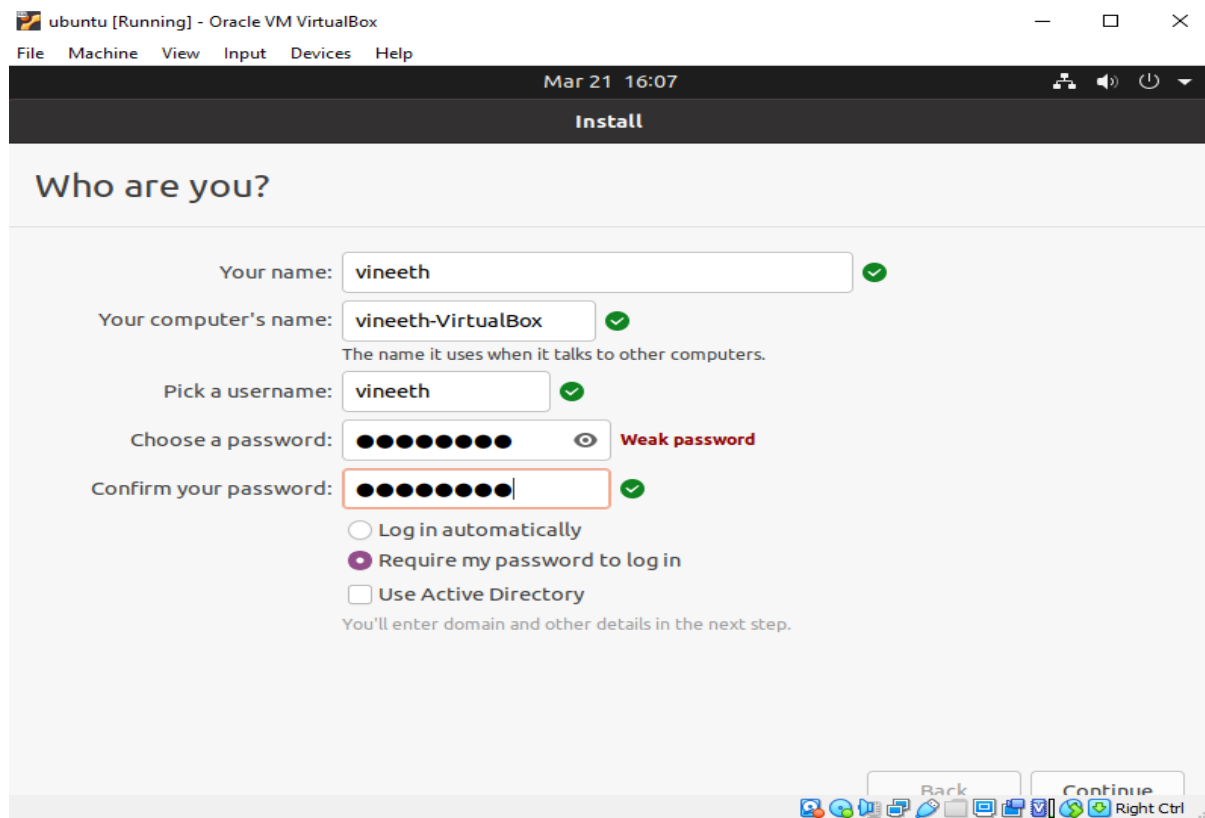
15. Click 'ok' when a dialog box 'write the changes to disk?' is open



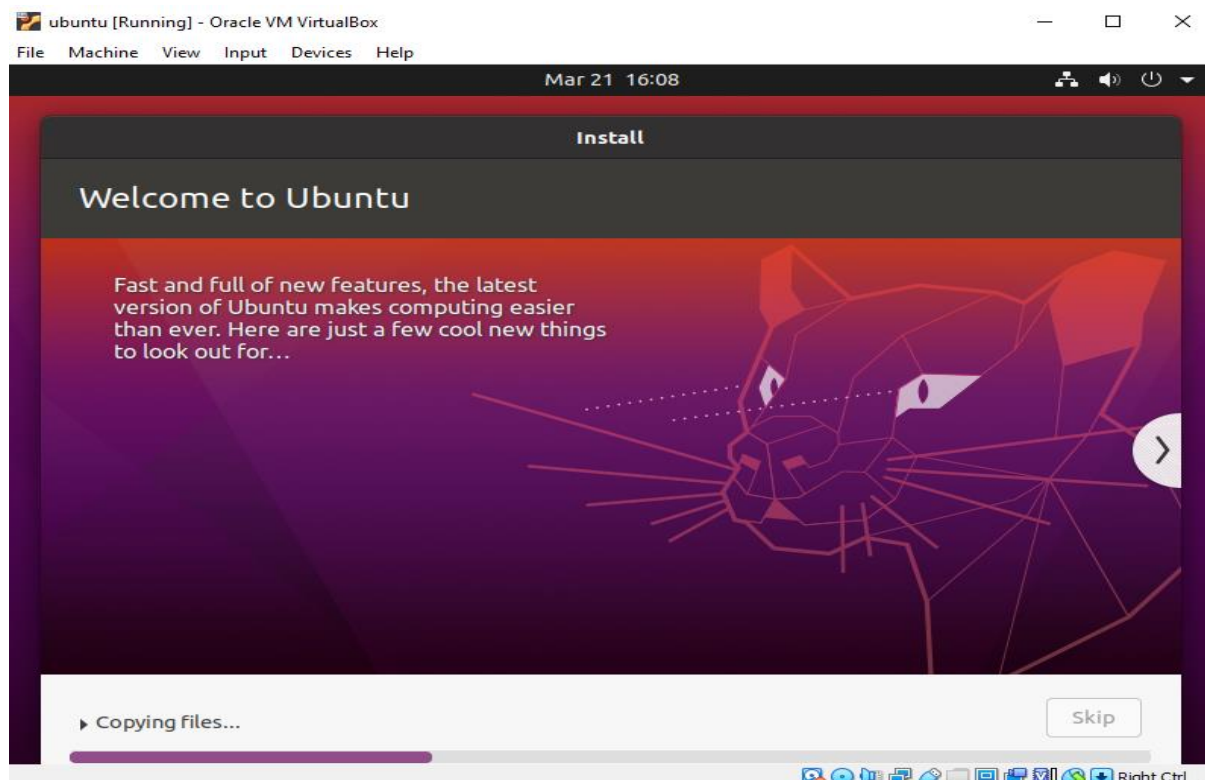
16. Select a time zone (eg. India Time)

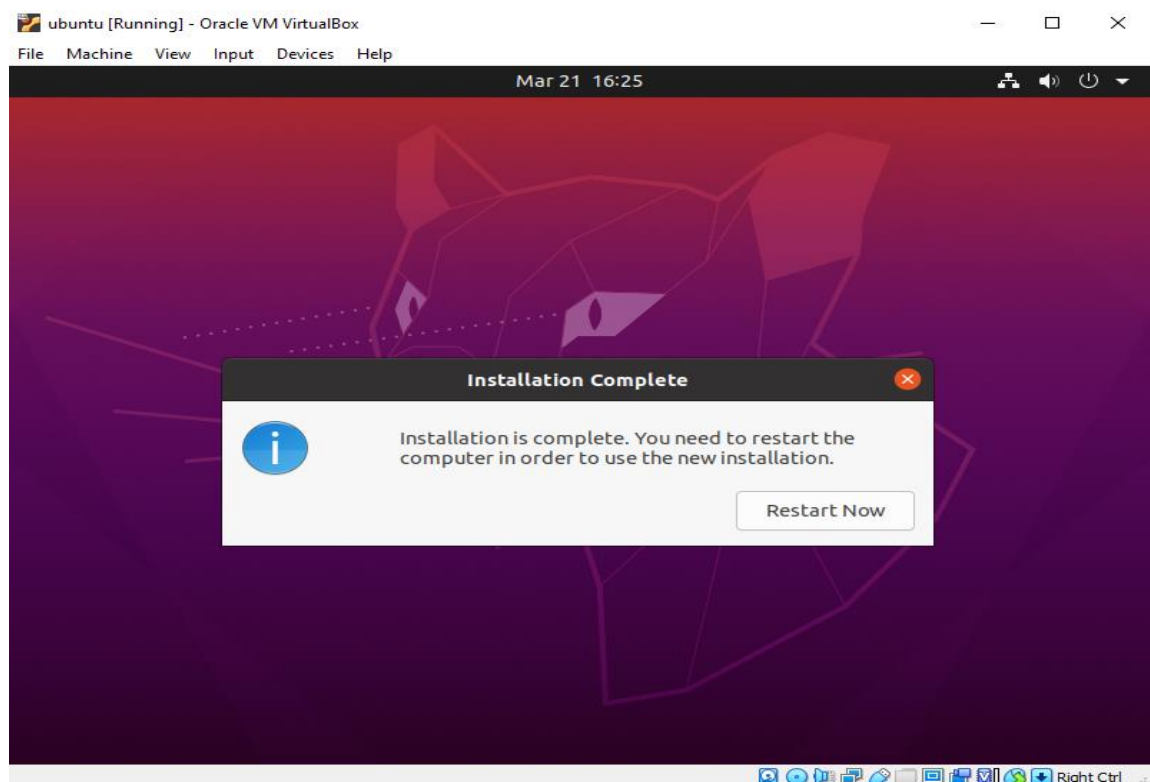
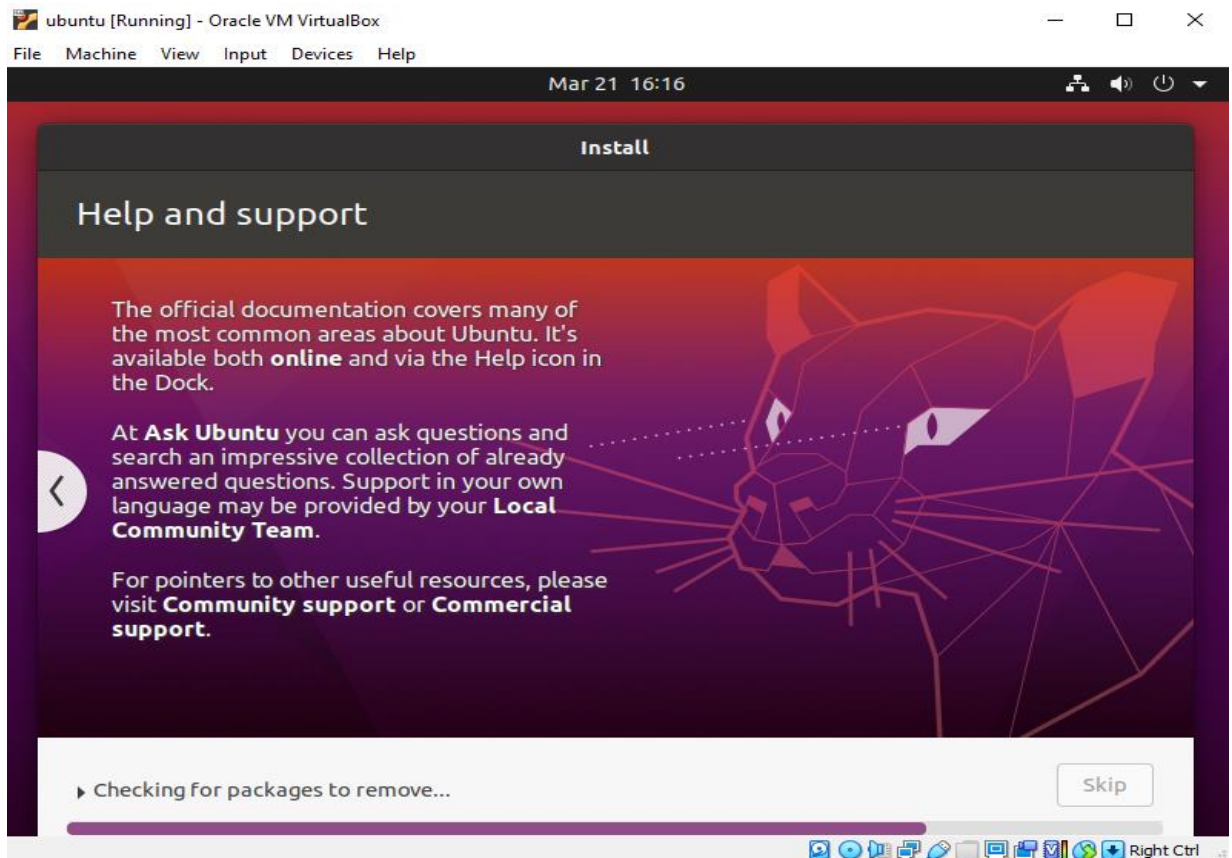


17. Set a login name and password



18. Click the continue button





Output Screenshot

