



K. J. Somaiya Polytechnic, Mumbai-77

Batch No: C1

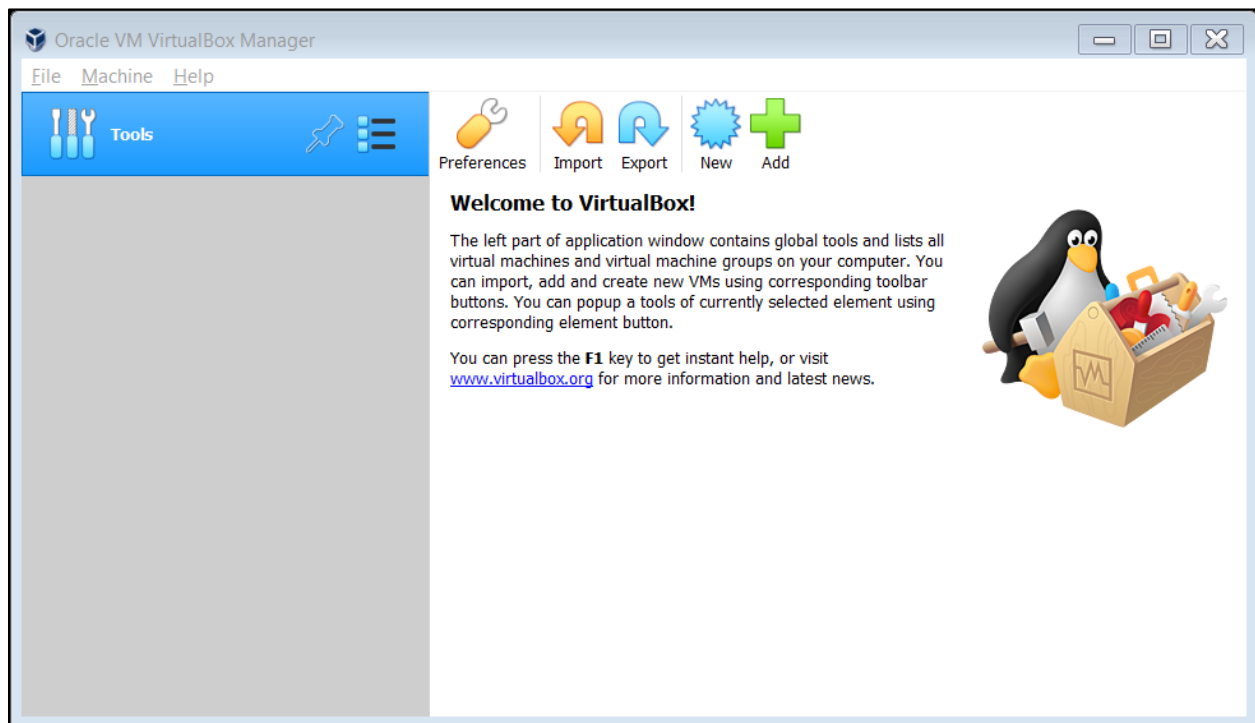
Enrollment No.: FCOW19118

Experiment No: 01

Experiment Name: Installation of Linux Operating System

Experiment No.: 01**Experiment Name: Installation of Linux Operating System****Course Outcome:**

O18RC58.1	Install & Configure Linux, Windows 2003 Server & set up DHCP server
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Theory:**1. Creating a new Virtual Machine in VirtualBox**


2. Name the virtual machine and select the Operating System

Name and operating system

Please choose a descriptive name and destination folder for the new virtual machine and select the type of operating system you intend to install on it. The name you choose will be used throughout VirtualBox to identify this machine.

Name:

Machine Folder:

Type: 

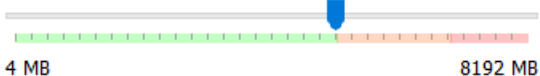
Version:

3. Select the Memory size

Memory size

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

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

 MB

4 MB 8192 MB

4. Create a virtual hard disk

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

5. Select hard disk file type

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

6. Select storage type

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.

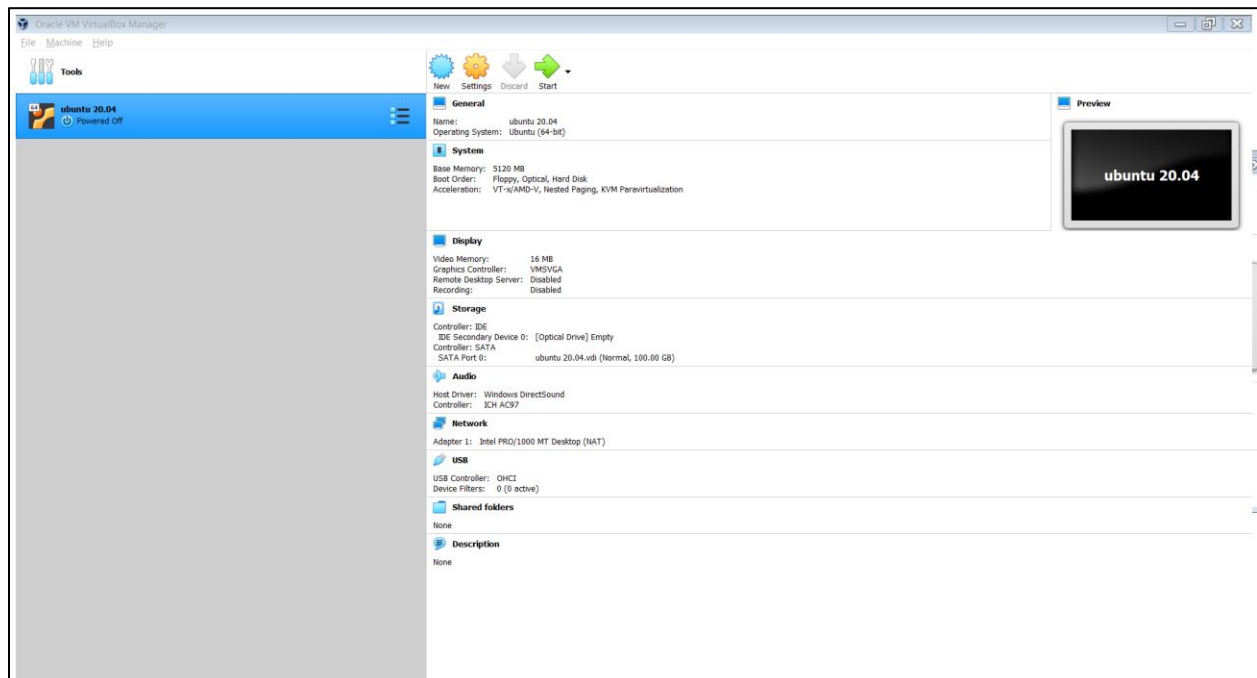
A **fixed size** hard disk file may take longer to create on some systems but is often faster to use.

☒ Dynamically allocated

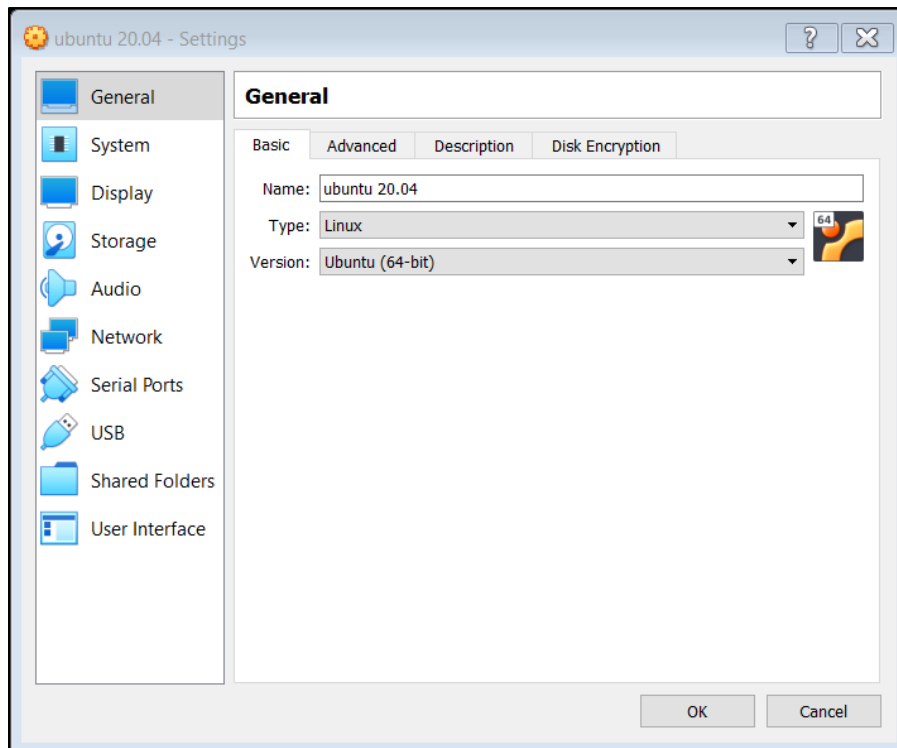
☐ Fixed size

NextCancel

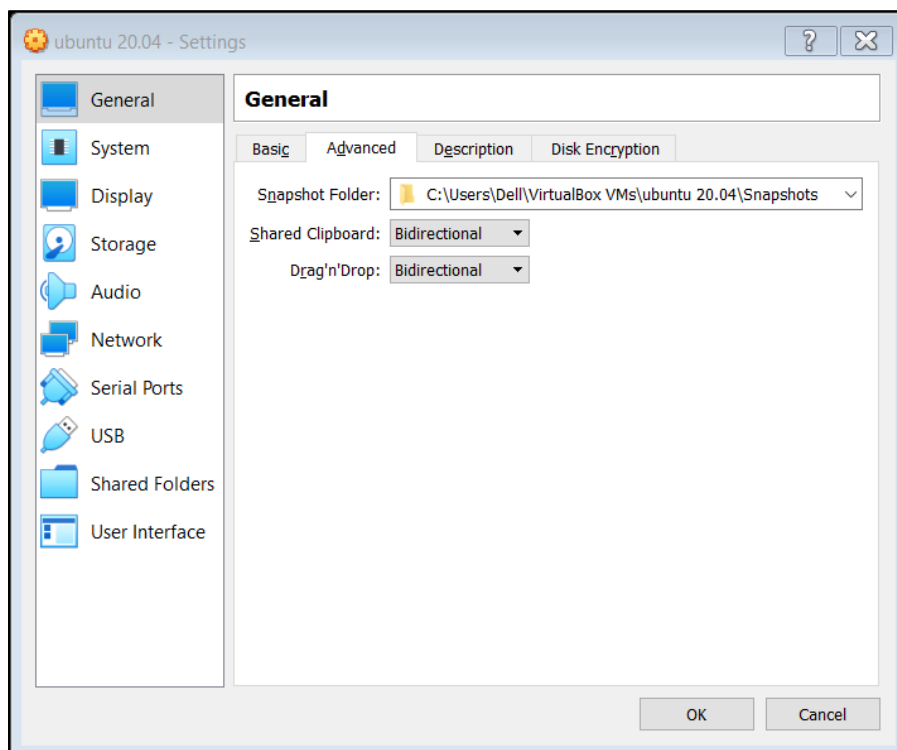
7. The Virtual Machine is created

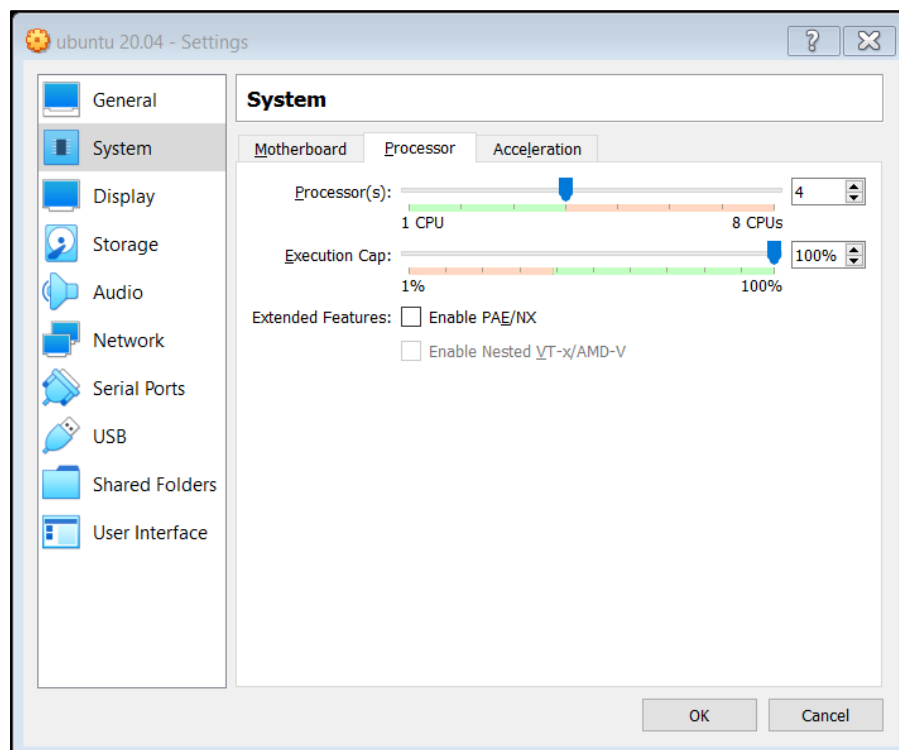
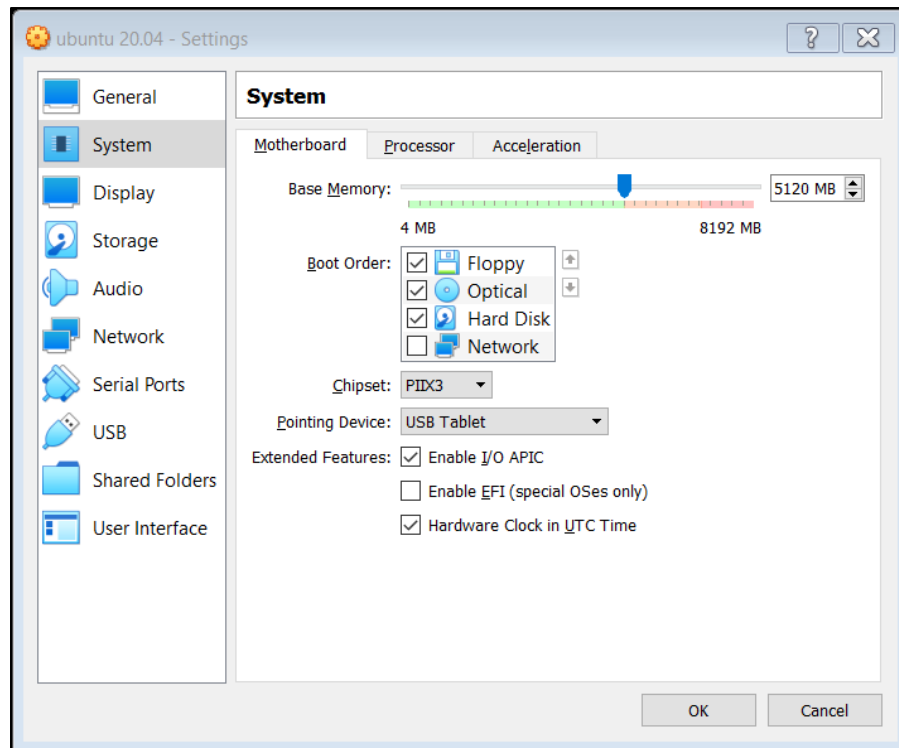


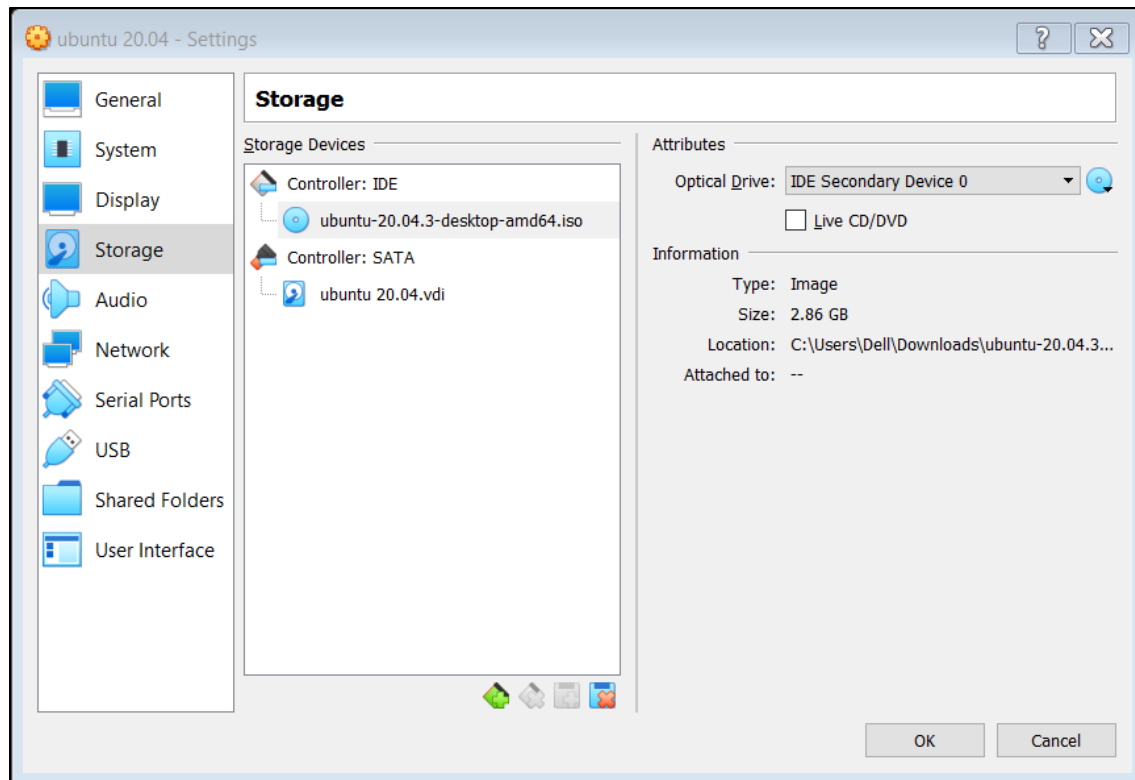
8. Open the Settings



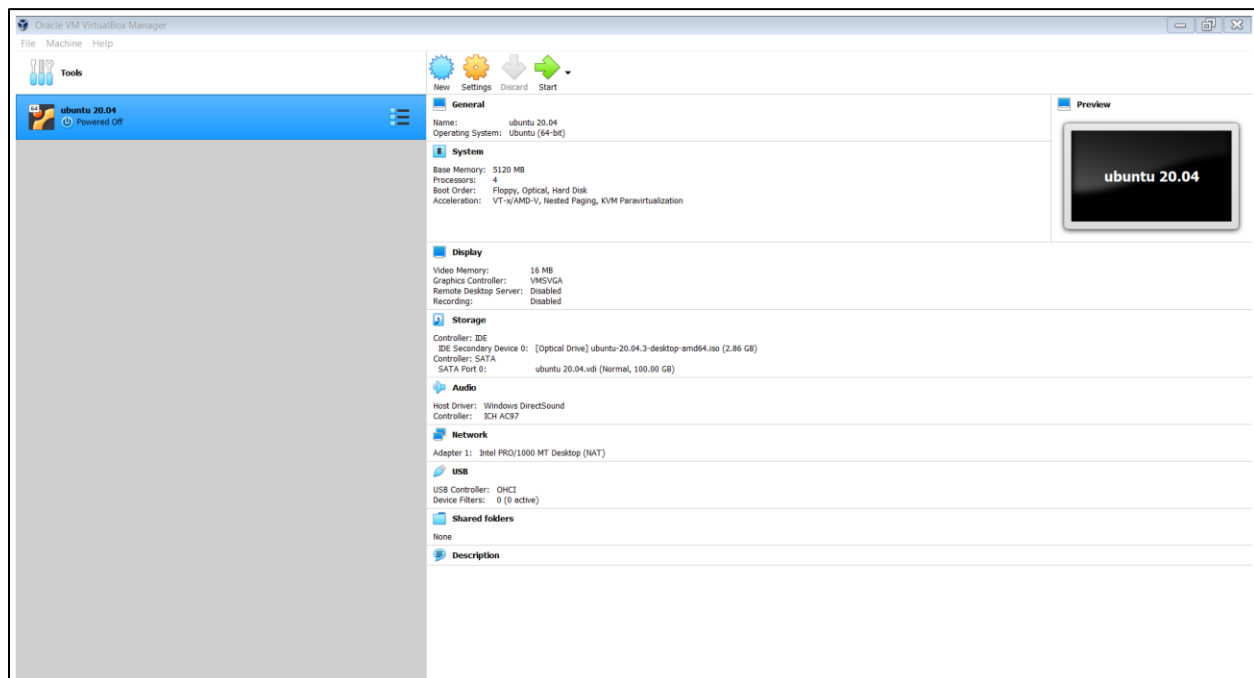
9. Change the settings as required







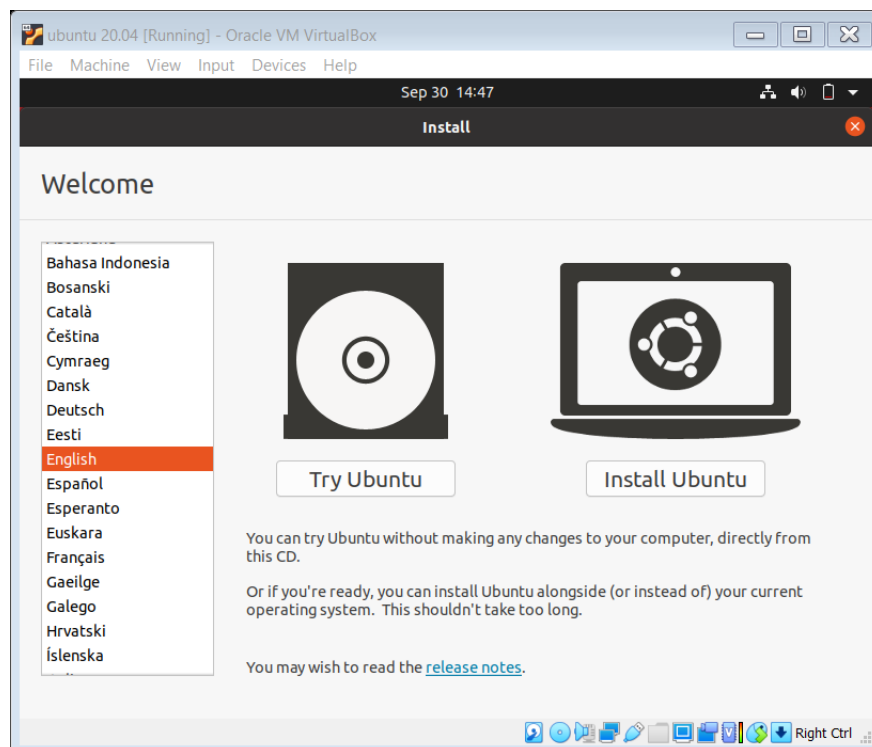
10.The Virtual Machine is created with required settings



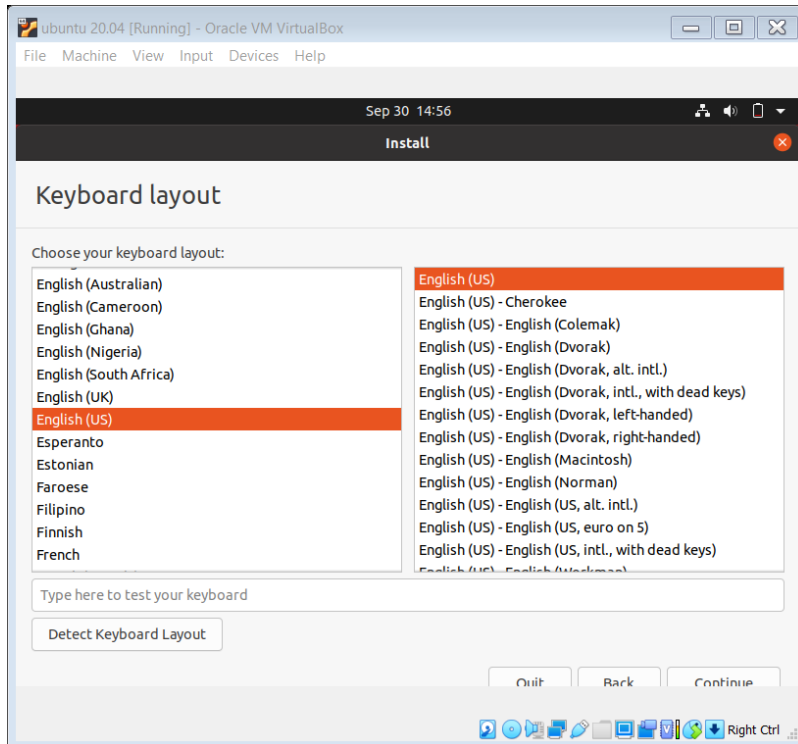
11. Start The Virtual Machine



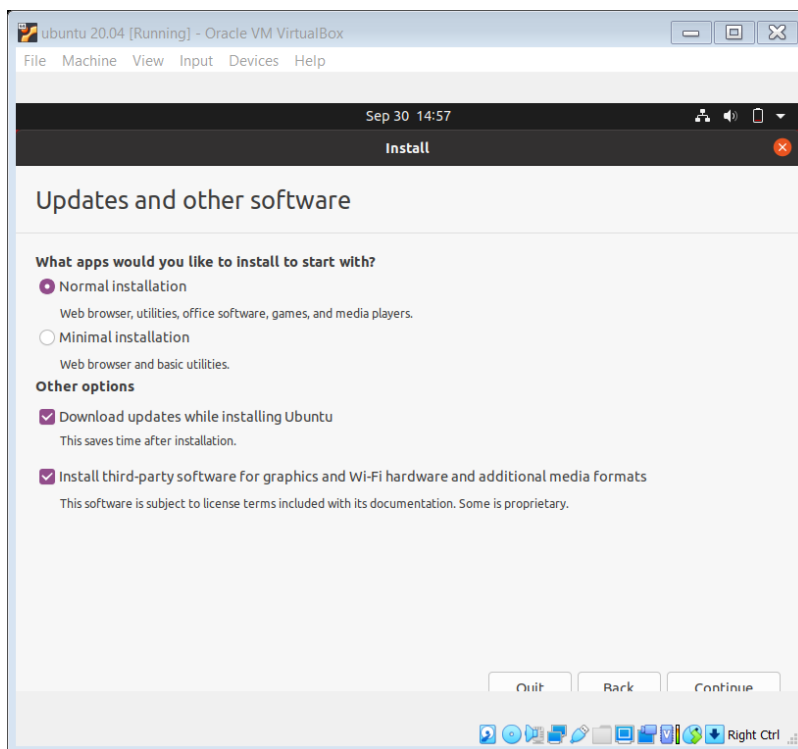
12. Select “Install Ubuntu”



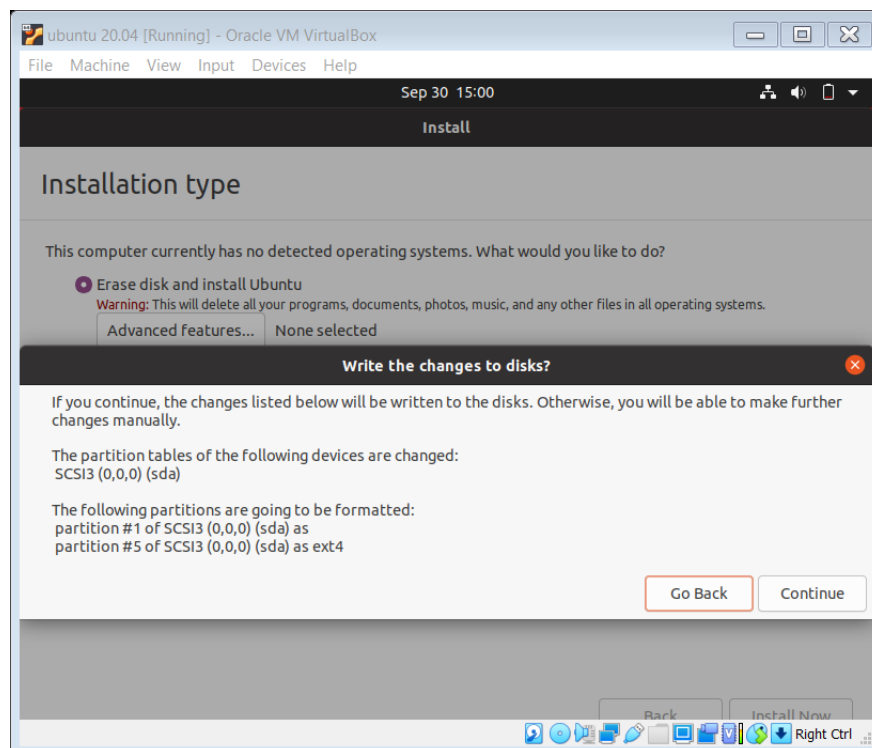
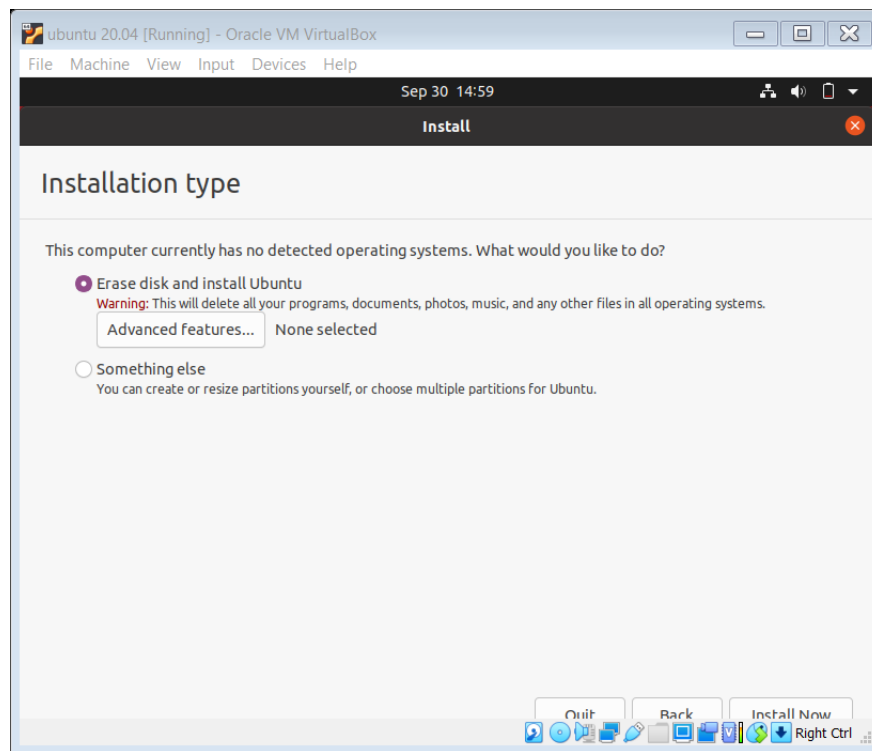
13. Select the appropriate Keyboard layout



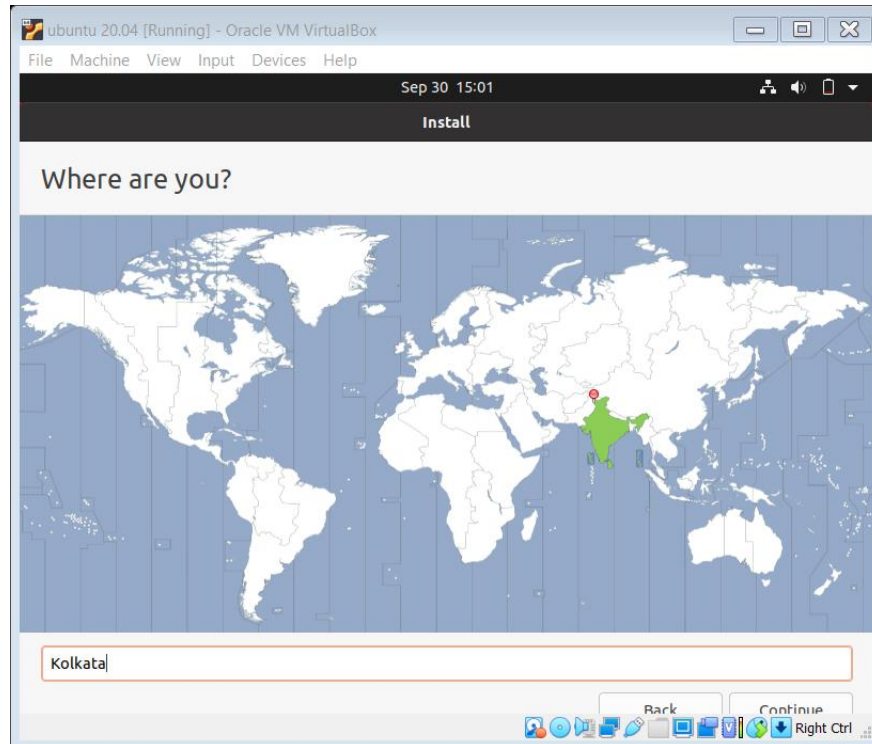
14. Select the Softwares.



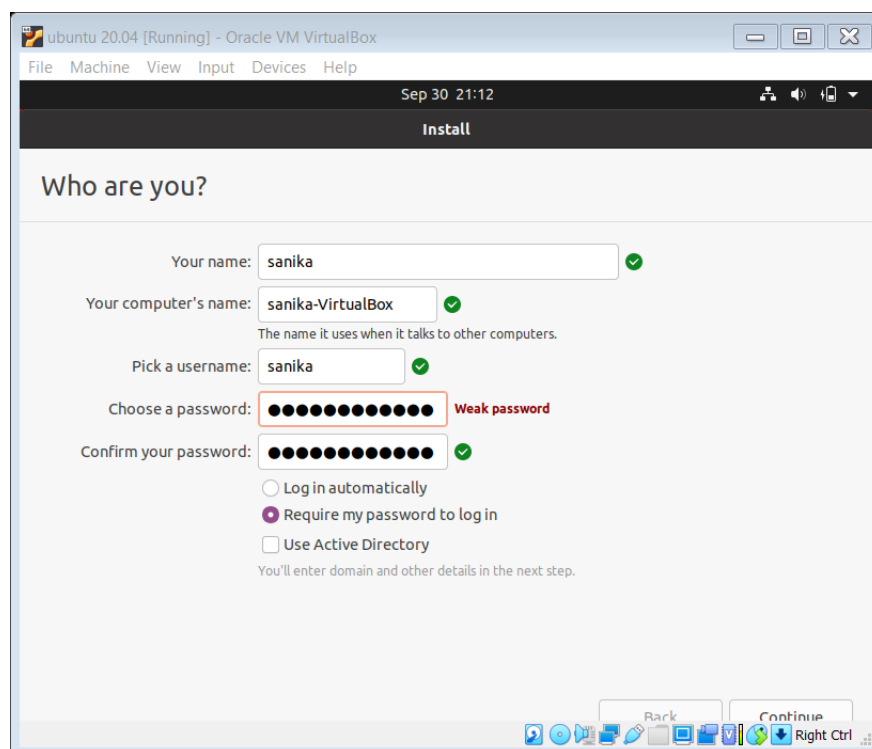
15. Erase the disk.



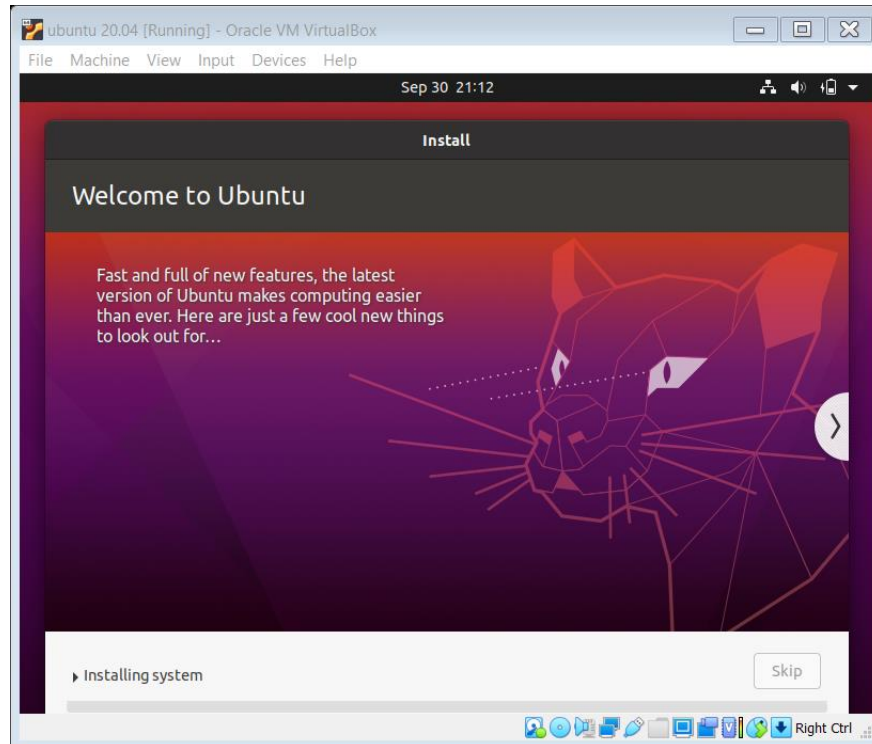
16. Select your time-zone



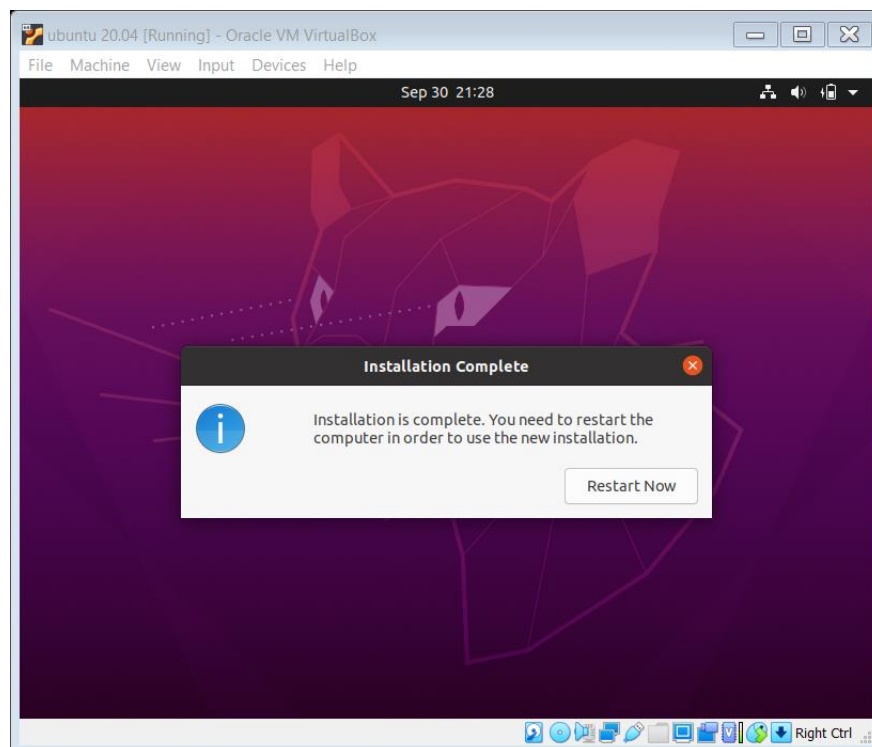
17. Entering the user's information

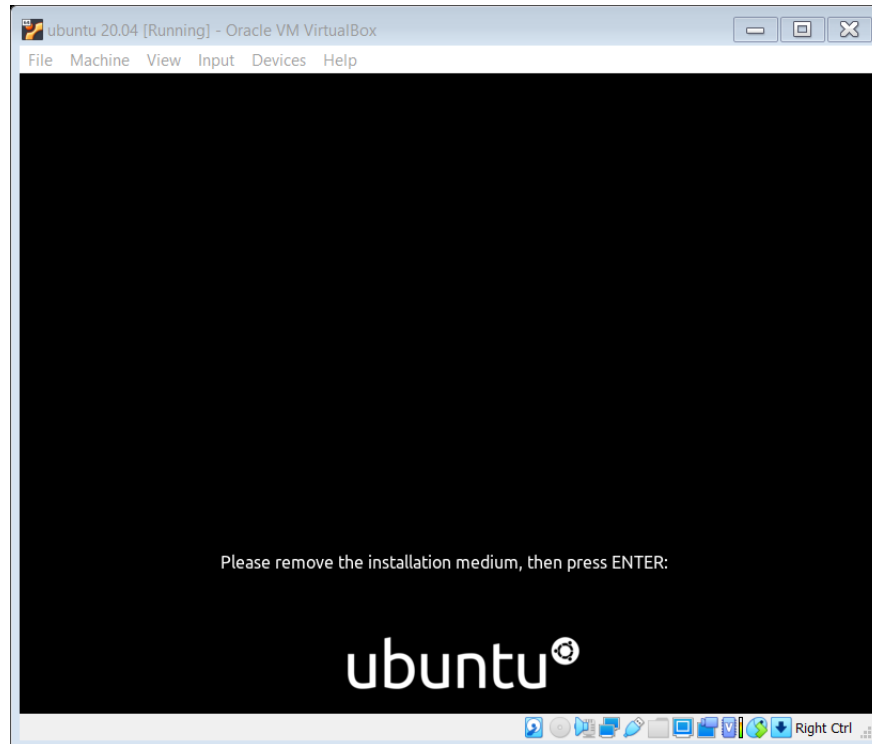


18. The system is installing. Waiting for it to complete.

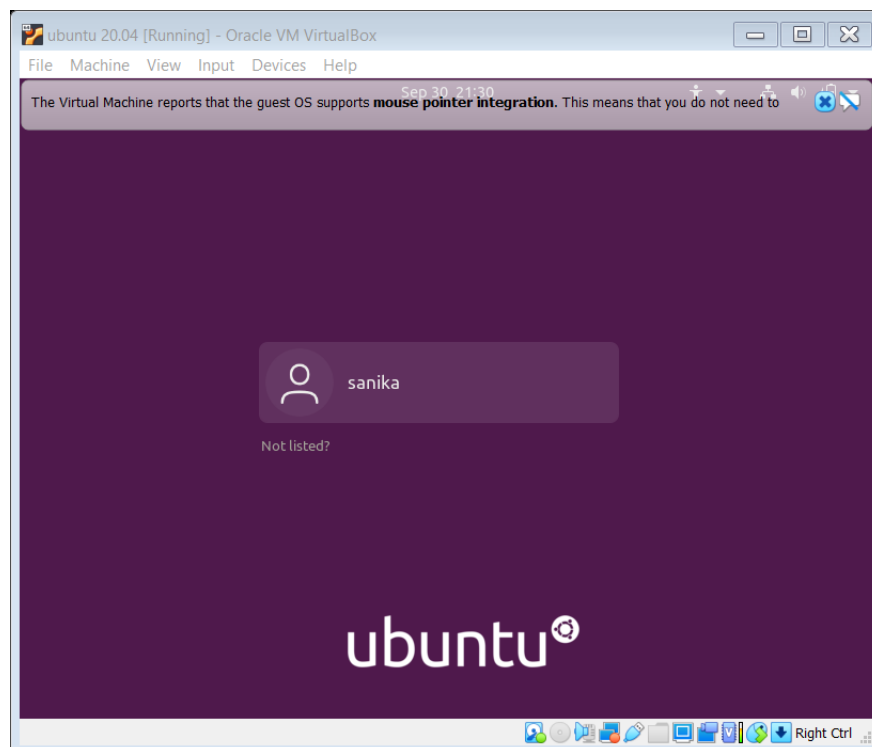


19. The installation is completed.

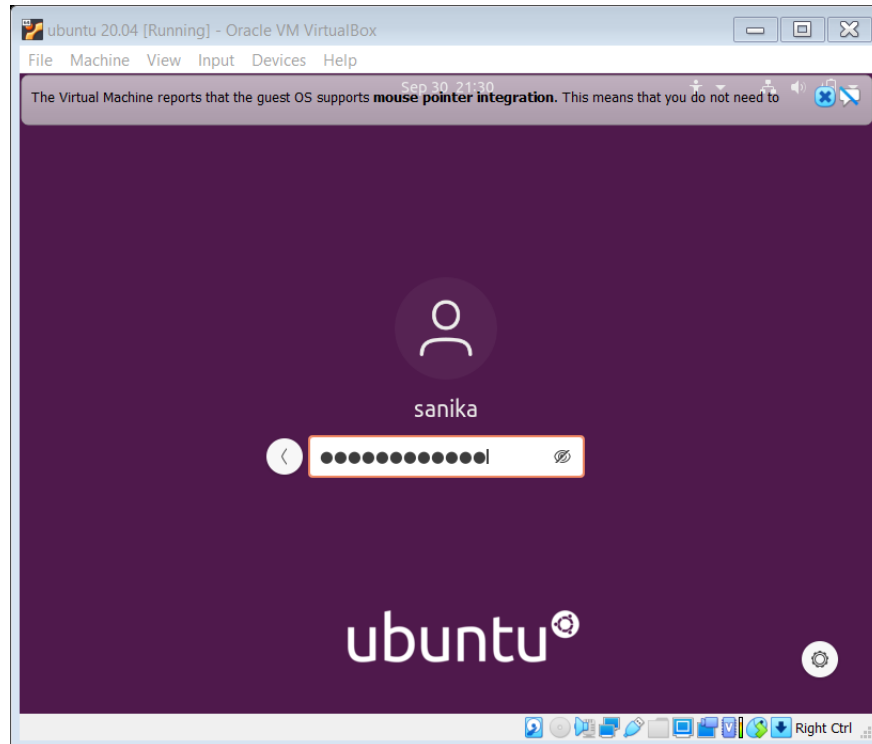




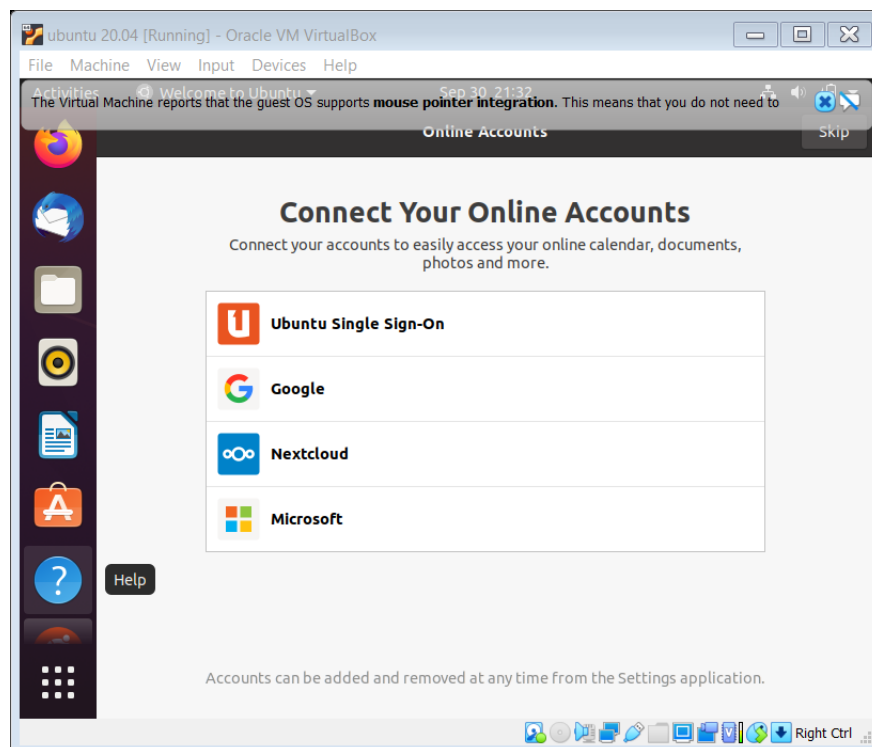
20. Select user.

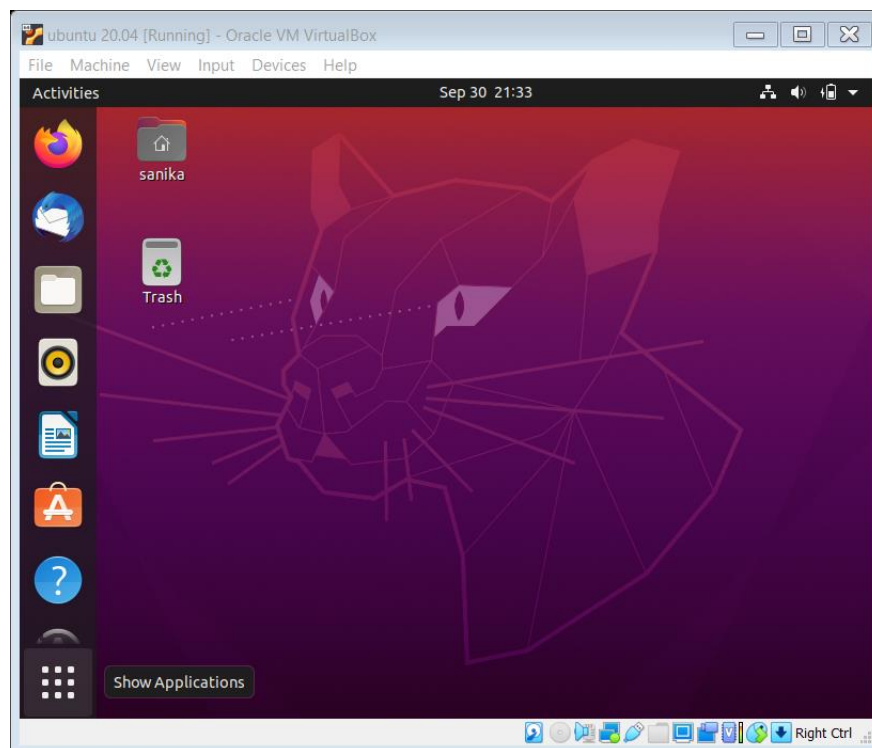
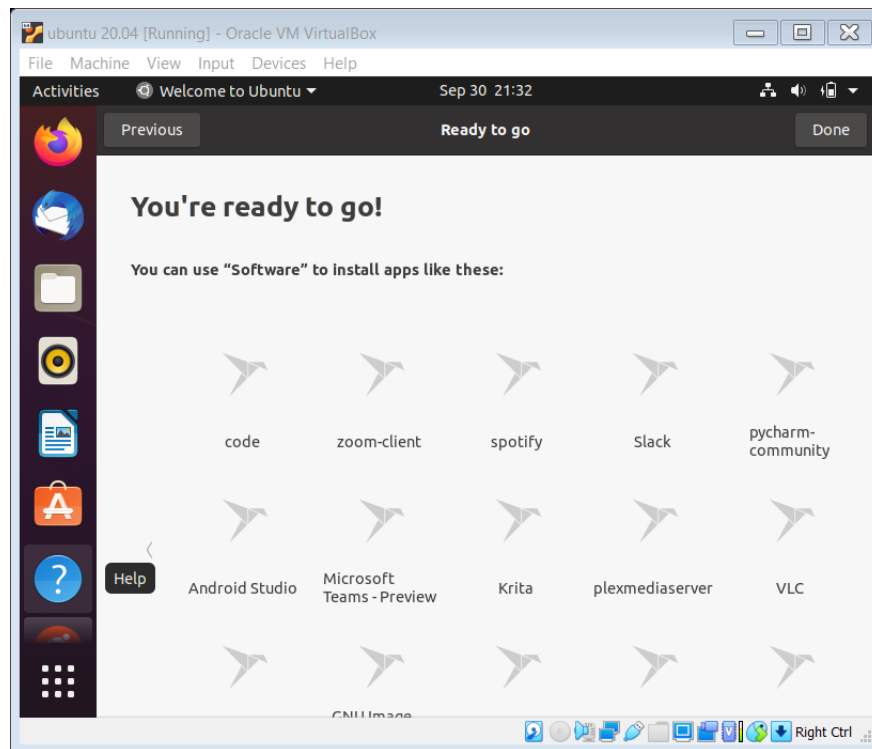


21. Enter the Password.



22. You are now logged in.





Conclusion: Thus, I have installed Linux Operating System.