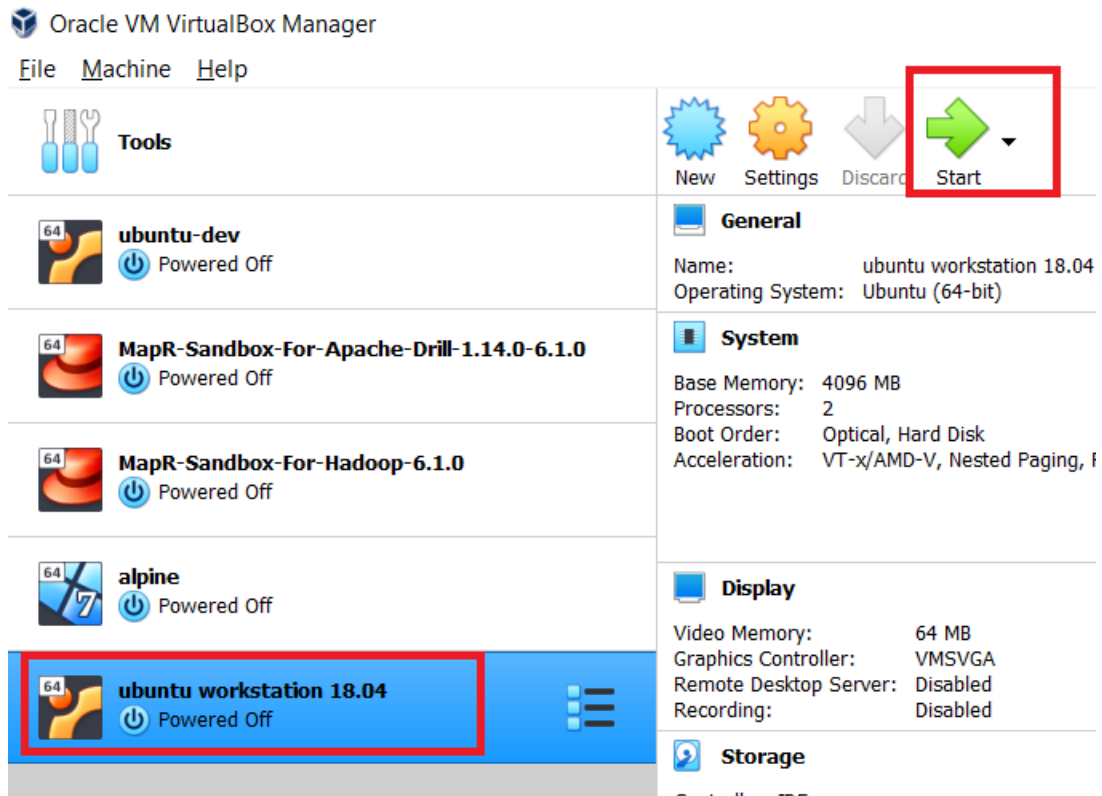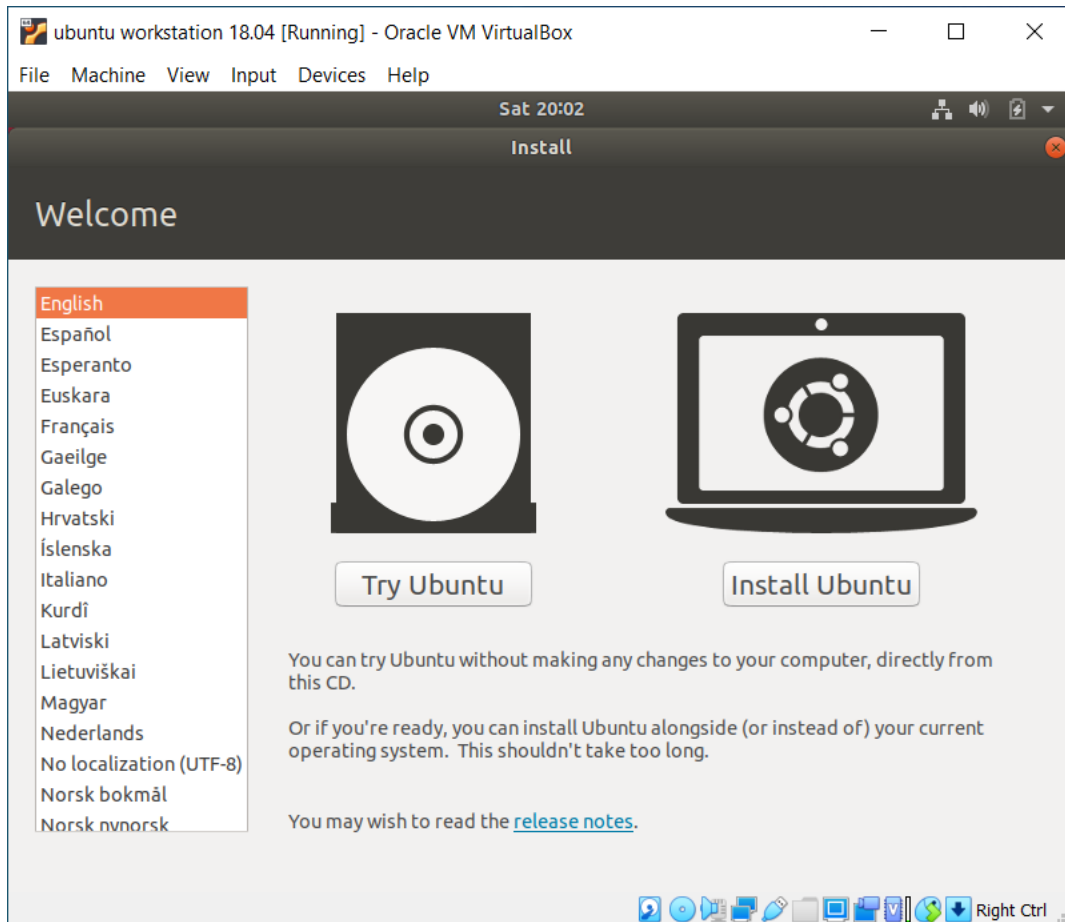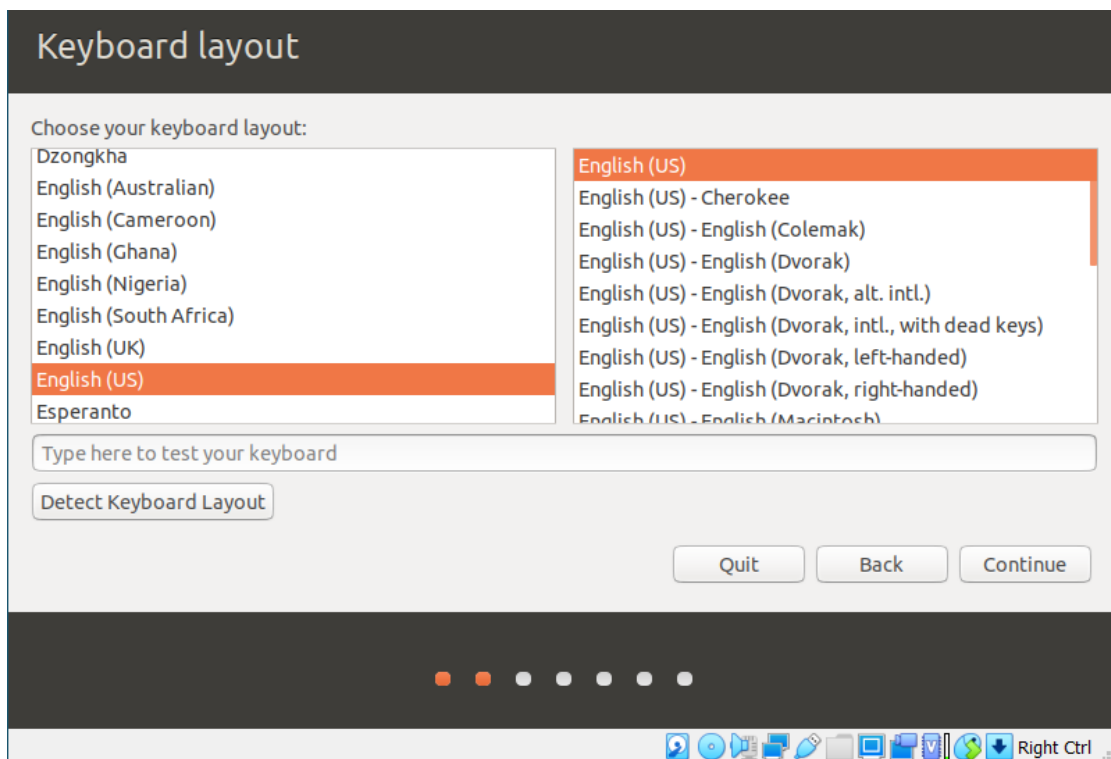1. Start VirtualBox from Start Menu.

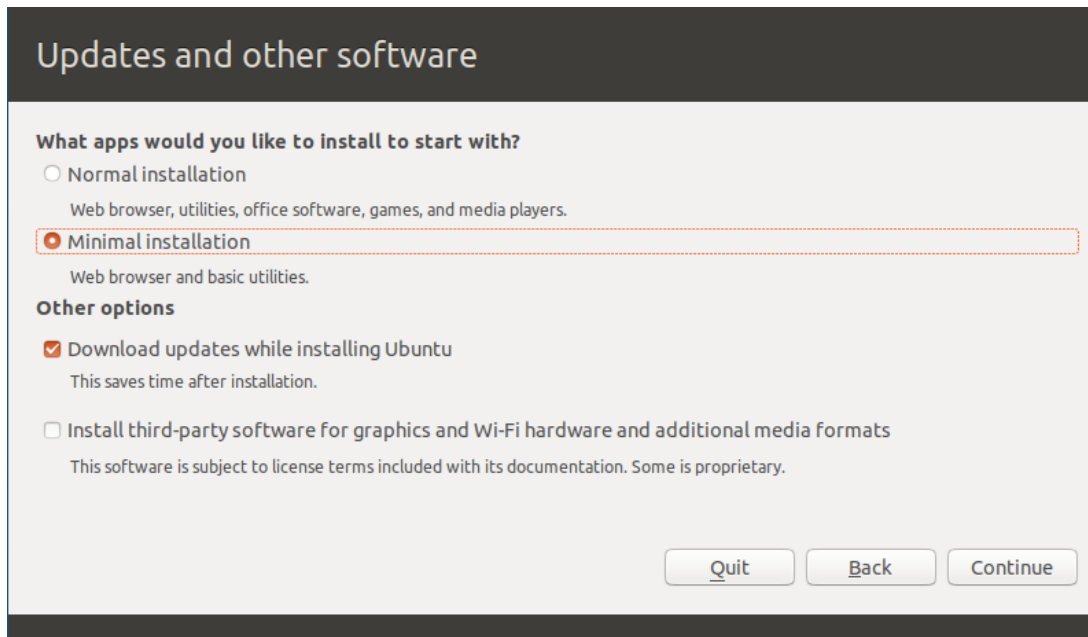2. Select "Ubuntu workstation 18.04" and click Start.

3. If you get a message or a window pops up asking you to select a disk or optical drive then just close it.
4. At this point the virtual machine will start running Ubuntu installer.
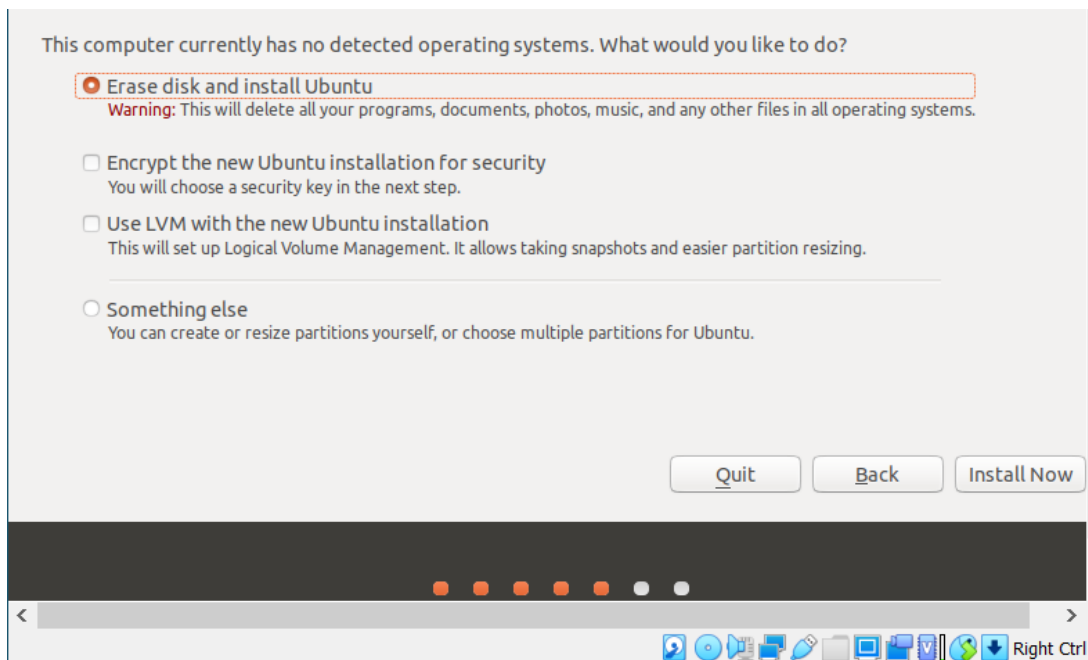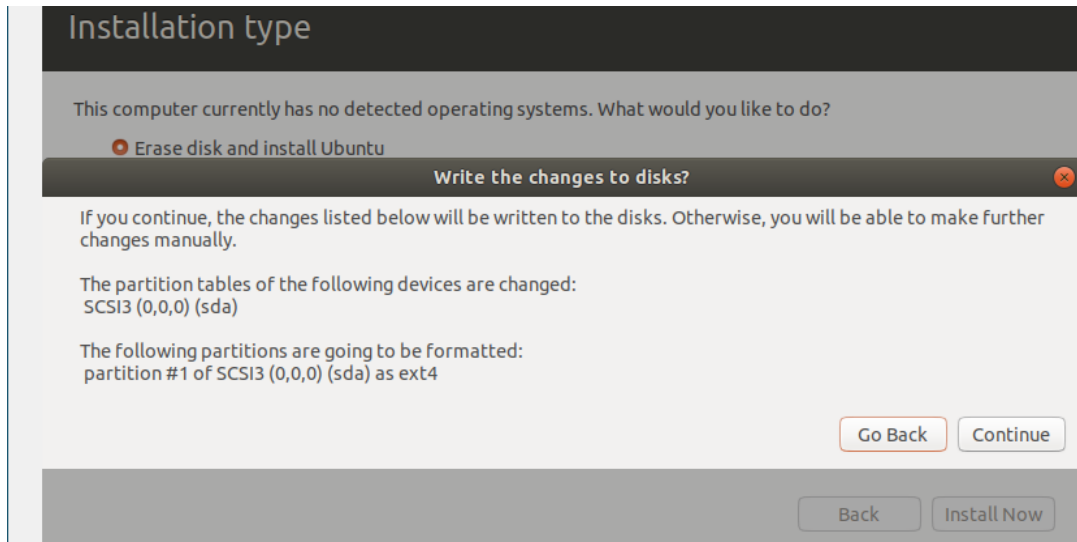5. Click "Install Ubuntu"

6. Click Continue.

7. select "Minimal installation", leave the rest as it is and then click "Continue"
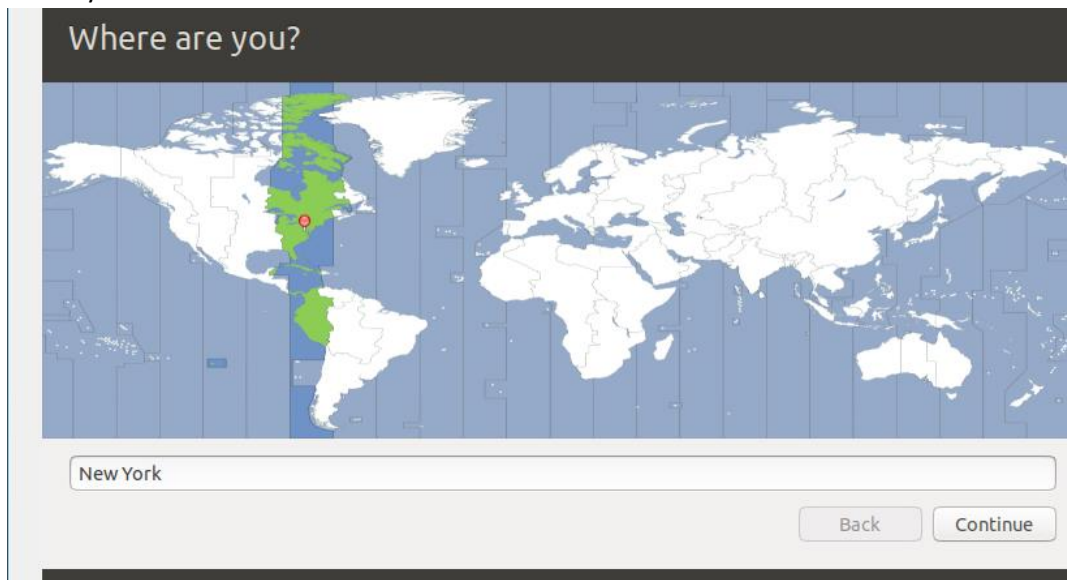
Updates and other software

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

8. Click "Install Now"

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.

☐ Encrypt the new Ubuntu installation for security

    You will choose a security key in the next step.

☐ Use LVM with the new Ubuntu installation

    This will set up Logical Volume Management. It allows taking snapshots and easier partition resizing.

○ Something else

    You can create or resize partitions yourself, or choose multiple partitions for Ubuntu.

Quit   Back   Install Now

Right Ctrl

9. Click "Continue"

Installation type

This computer currently has no detected operating systems. What would you like to do?

- **Erase disk and install Ubuntu**

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 ext4

[Go Back] [Continue]

[Back] [Install Now]

10. Select your time zone and then click Continue.

Where are you?

New York

[Back] [Continue]

11. Type your ==user name, password== and copy the following into "==your computer's name=="
"ubuntu.mylab.com"

Your name: ✔

Your computer's name: ubuntu.mylab.com ✔
The name it uses when it talks to other computers.

Pick a username: ✔

Choose a password: ●●●●●●●●   **Weak password**

Confirm your password: ●●●●●●●● ✔

- ○ Log in automatically
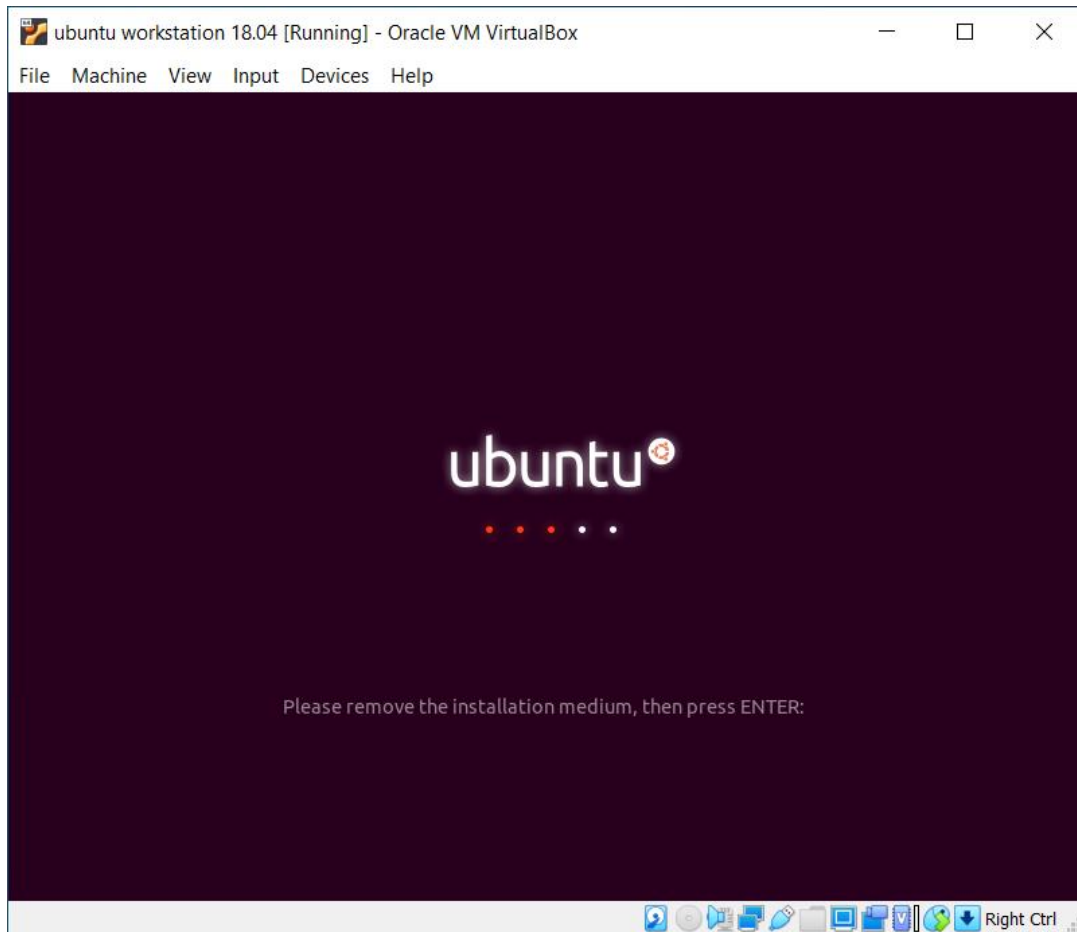- **Require my password to log in**

[Back] [Continue]
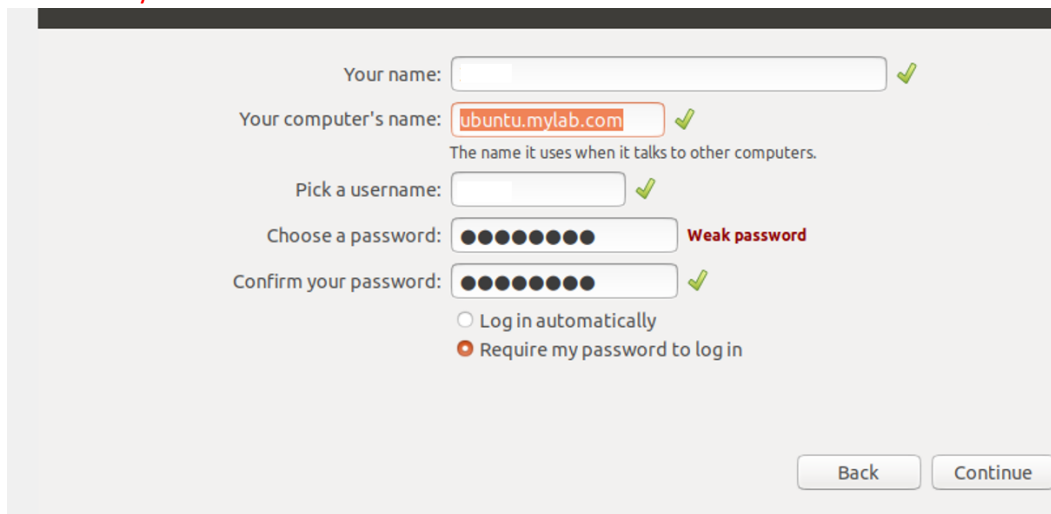
12. You will see the following screen. This will take a while to finish so sit back and let it finish.
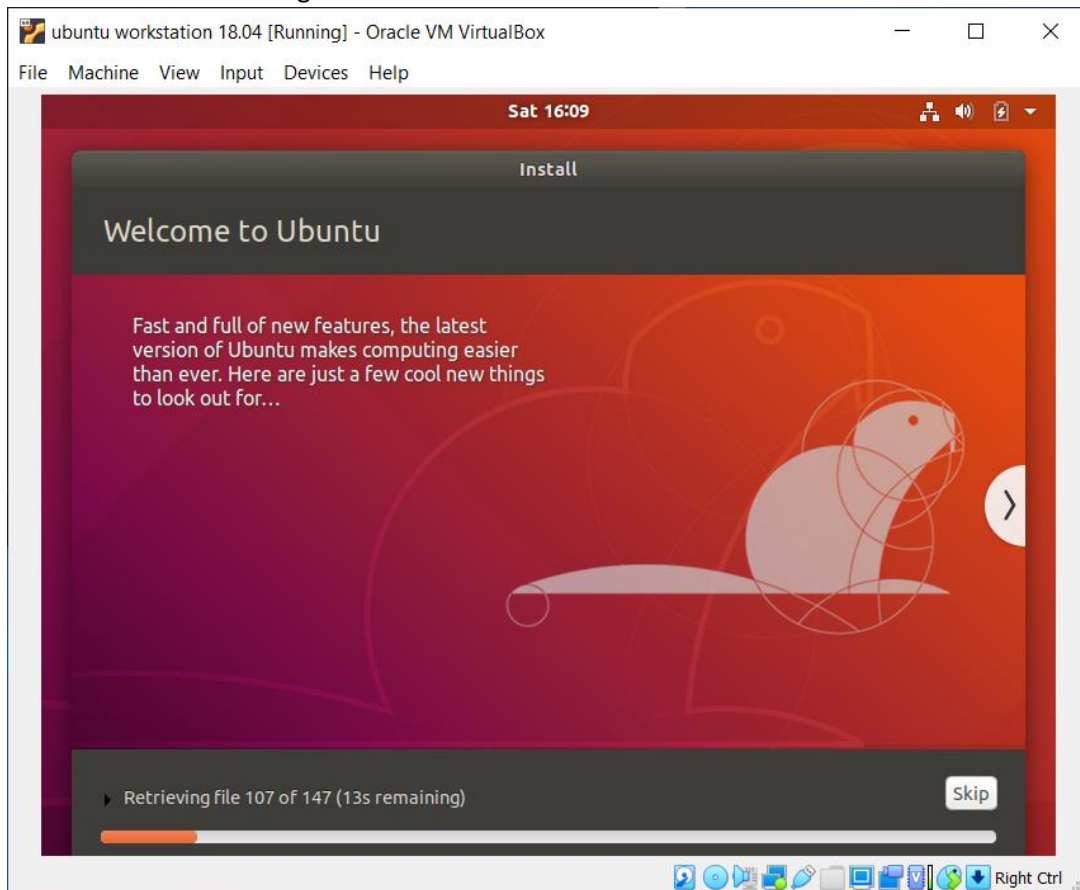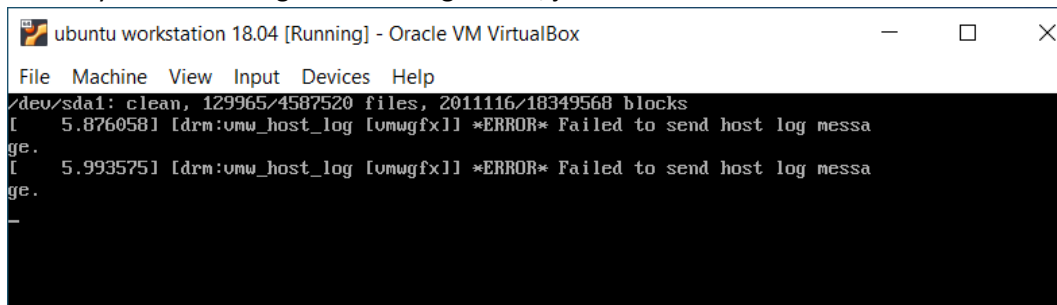

13. Click "Restart Now"
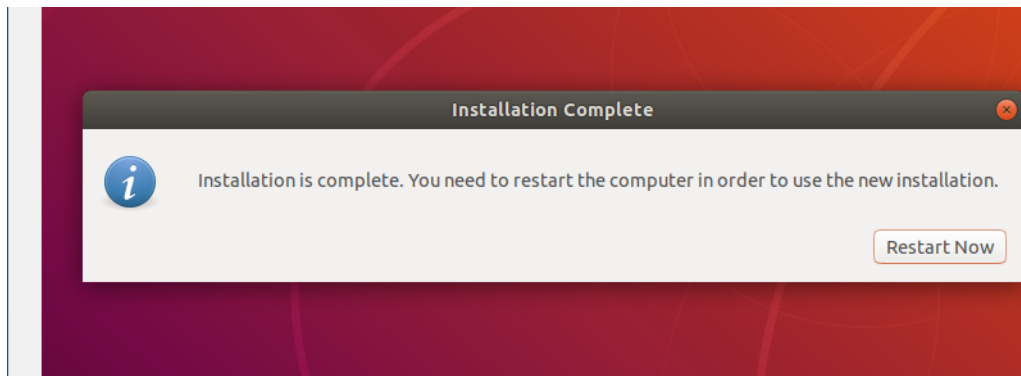
14. Click inside the Virtual Machine and then hit enter.

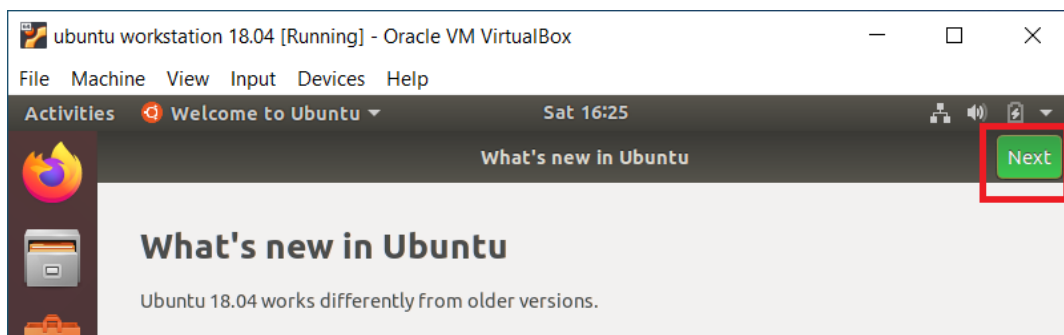15. You may see something like following screen, just let it boot.

16. Login to Ubuntu using your user name and password that you created earlier in the installation process.

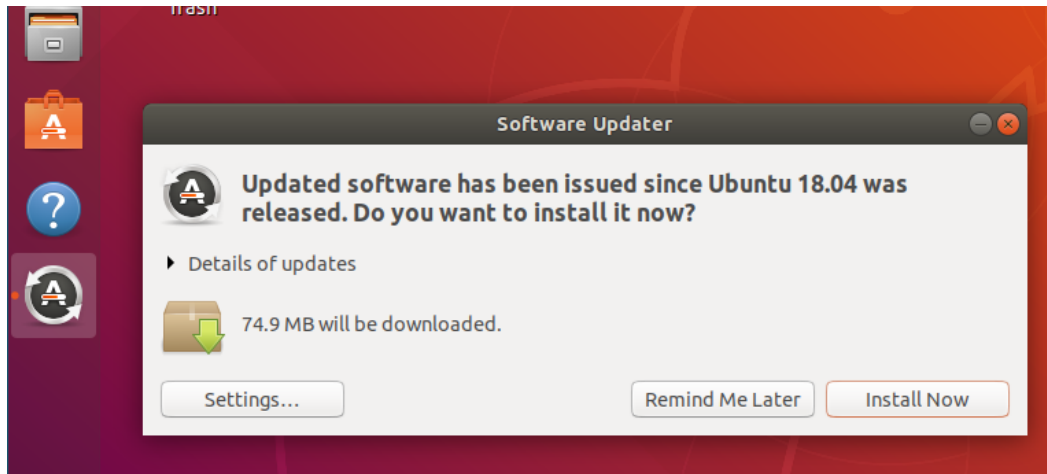17. Click "Don't Upgrade" if you get the following message.

18. Click Next.

19. Click "Next" again.
20. Select "No, don't send system info" and then click next.

21. Click Done.
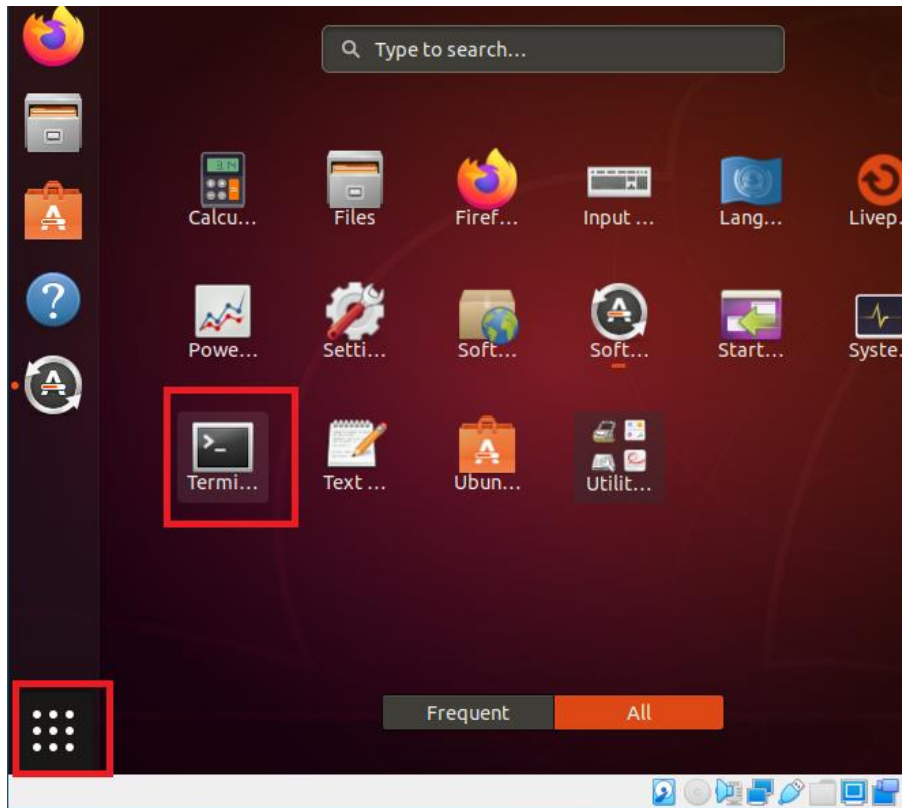22. Click "Install Now" if you get the following message.

23. Enter the password you created earlier and click Authenticate.
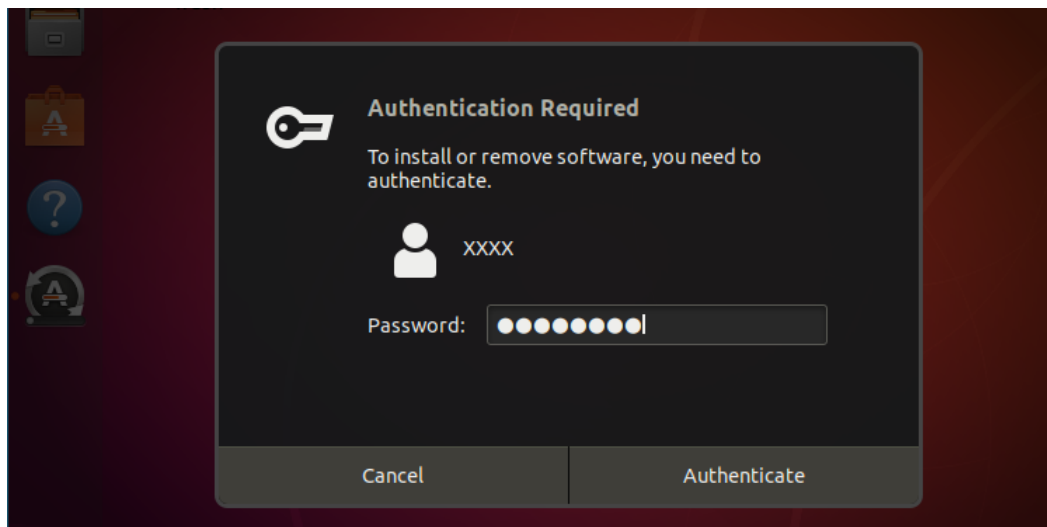
24. Next, we are going to install some required S/W using terminal.

   First click on the 9 white dots at the left bottom corner and then click on Termi
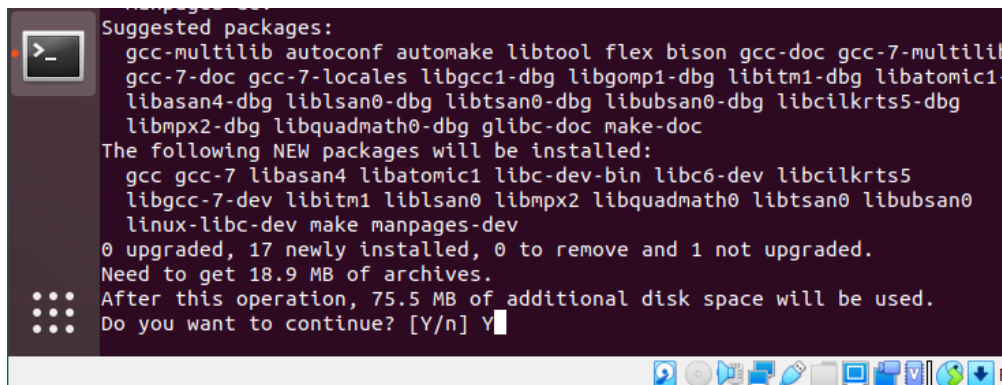   If you can't see Terminal then search for it in the search box.

25. Type the following command in the opened terminal window and hit enter

sudo apt-get update

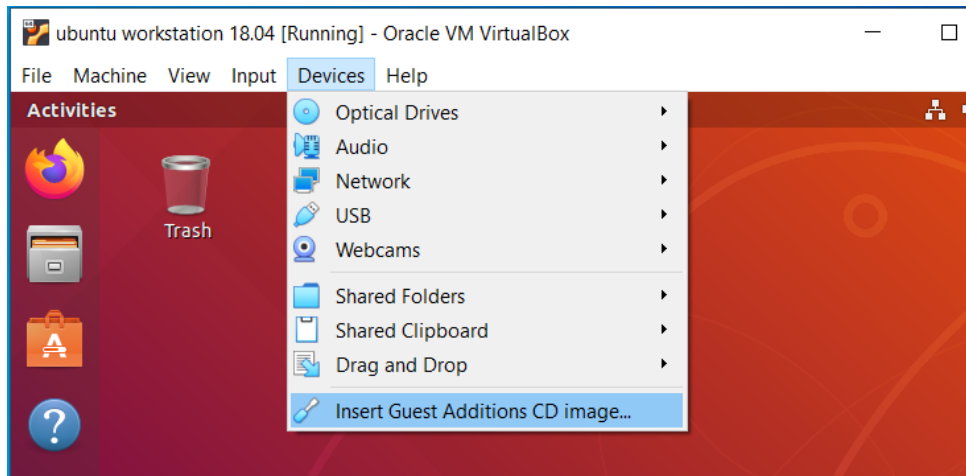26. Once the previous command is done, type the following command in the same Terminal window and hit enter.
sudo apt-get install gcc make perl
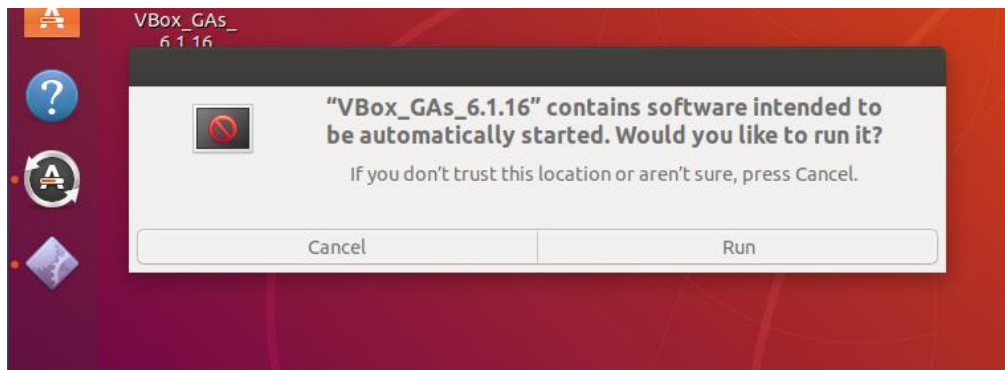
Type "Y" when you get promoted in the shell and hit enter.

27. Next, we are going to install guest add-ons.
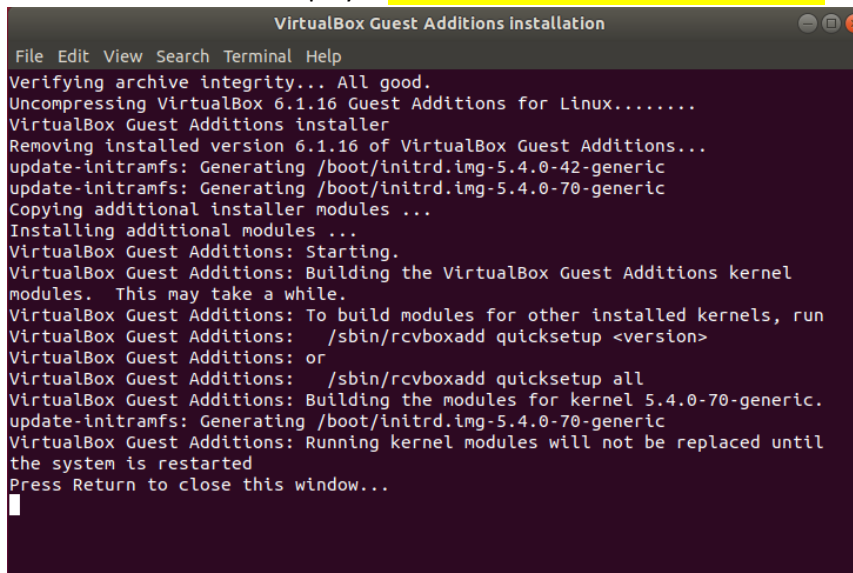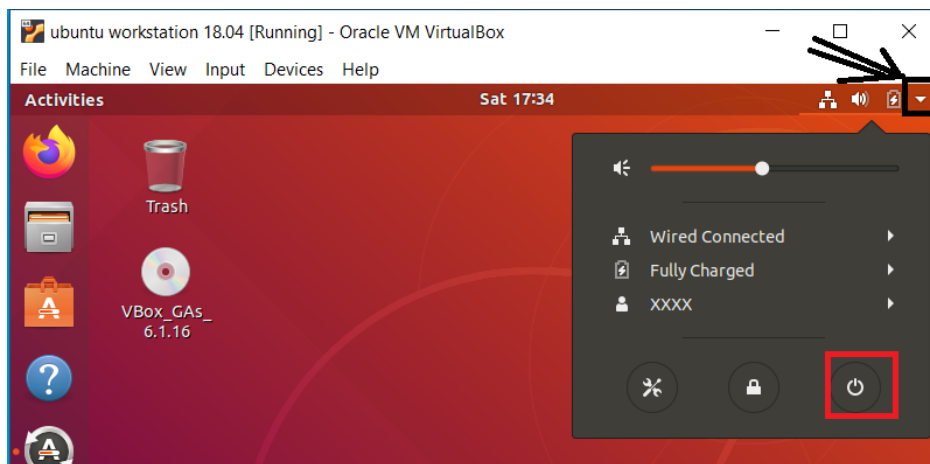Click on "Devices" → "Install Guest Additions CD image"

28. Click "Run"
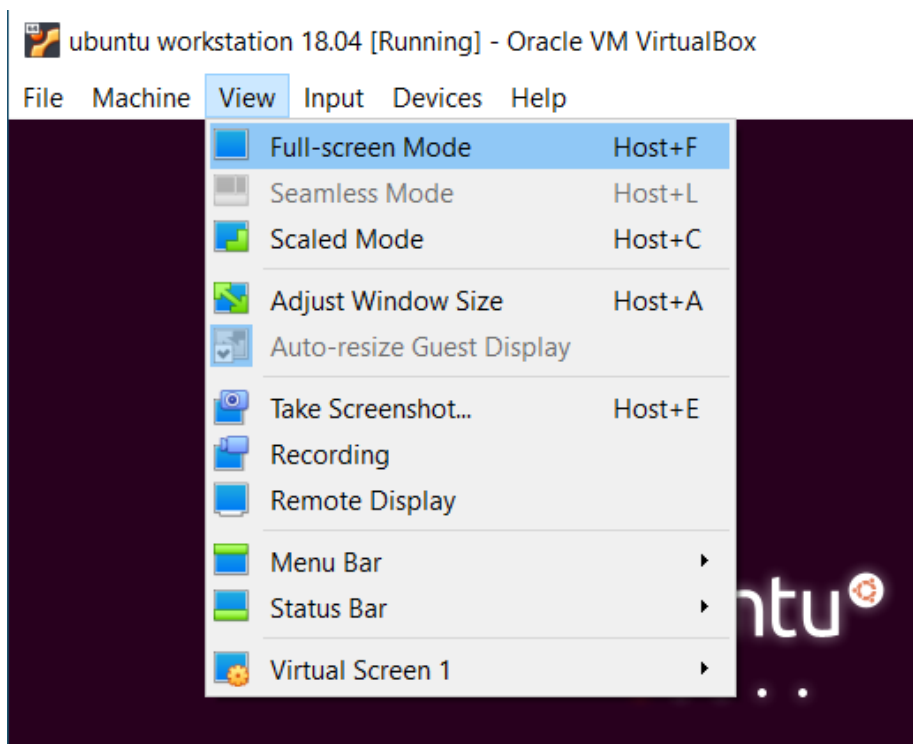

29. Enter your password that you created earlier.

30. Click Enter when shell displays "Press Return to close this window…"

31. Click on the small downwards pointing arrow in the right top corner and then click on the power button to restart the virtual machine.

32. Login to the virtual machine. You can maximize the display for this virtual machine using following.

If needed, minimize it by moving your mouse to the center top of the screen and then clicking restore.

33. You can see all the installed programs by clicking 9 dots at the bottom left corner and then by clicking "All".