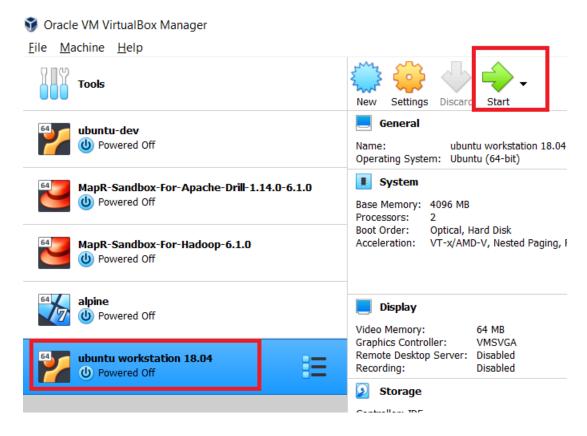
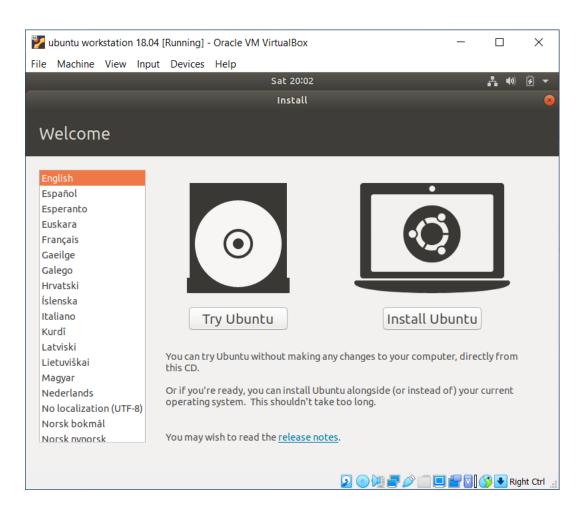
Install Ubuntu 18.04

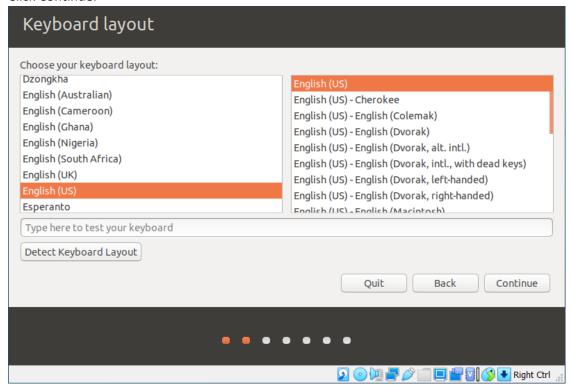
- 1. Start VirtualBox from Start Menu.
- 2. Select "Ubuntu workstation 18.04" and click Start.



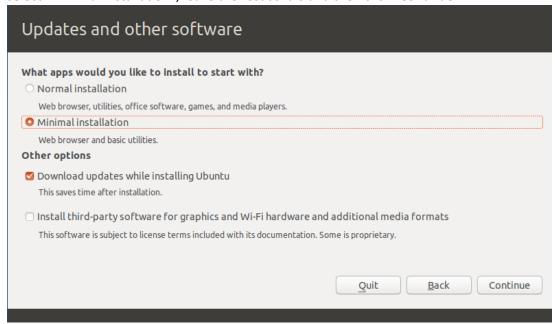
- 3. If you get a message or a window pops up asking you to select a disk or optical drive then just close it.
- 4. At this point the virtual machine will start running Ubuntu installer.
- 5. Click "Install Ubuntu"



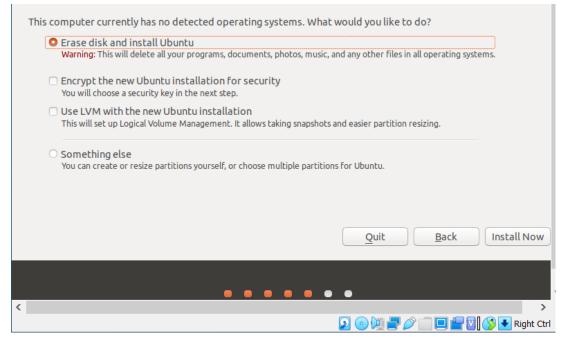
6. Click Continue.



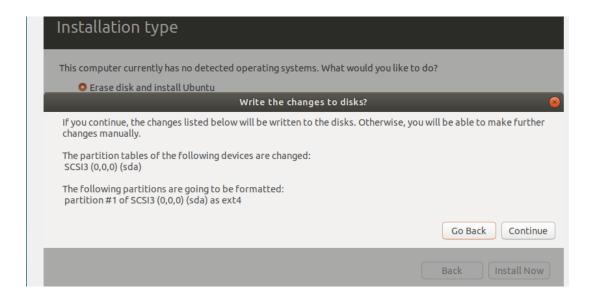
7. select "Minimal installation", leave the rest as it is and then click "Continue"



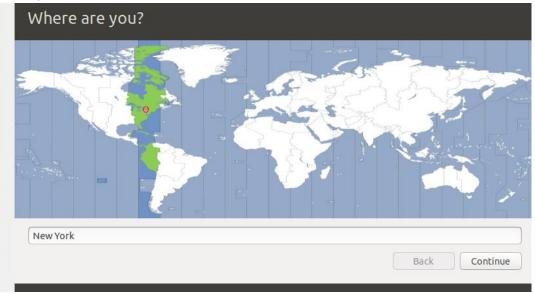
8. Click "Install Now"



9. Click "Continue"



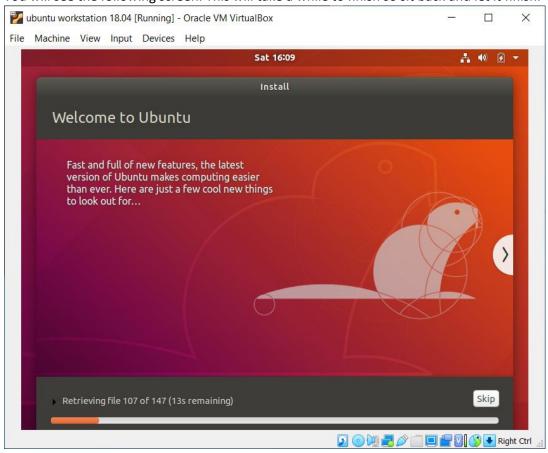
10. Select your time zone and then click Continue.



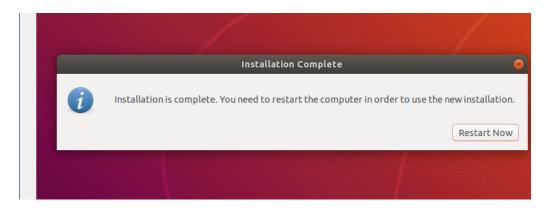
11. Type your user name, password and copy the following into "your computer's name" "ubuntu.mylab.com"

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:	●●●●●●●
	O Log in automatically
	Require my password to log in
	Back Continue

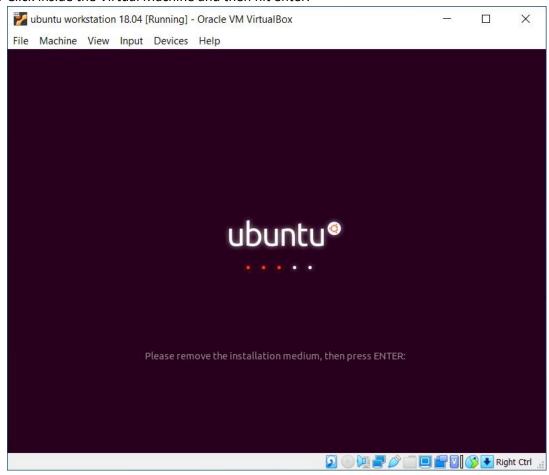
12. You will see the following screen. This will take a while to finish so sit back and let it finish.



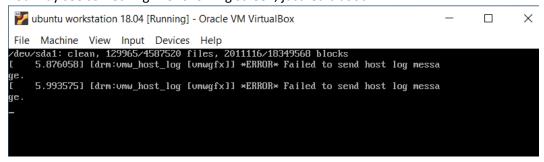
13. Click "Restart Now"



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 Terminal If you can't see Terminal then search for it in the search box.



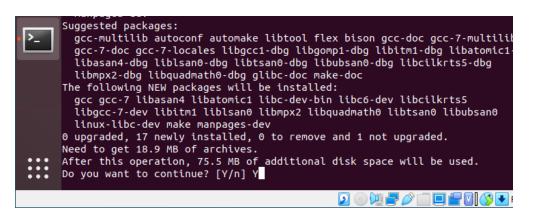
25. Copy the following command in the opened terminal window and hit enter

sudo apt-get update

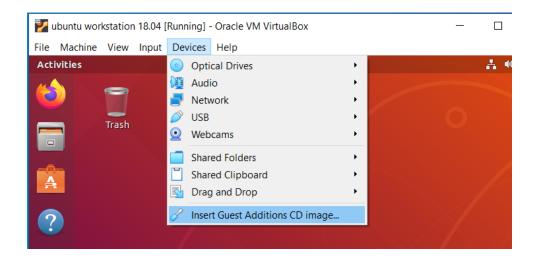
26. Once the previous command is done, copy the following command in the same Terminal window and hit enter.

sudo apt-get install gcc make perl

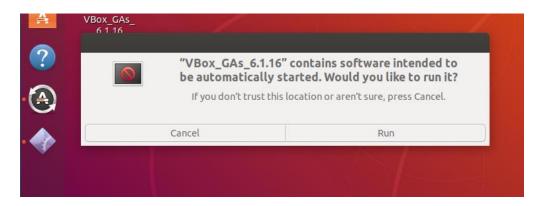
Type "Y" when you get promoted in the shell and hit enter.



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..."

```
File Edit View Search Terminal Help

Verifying archive integrity... All good.
Uncompressing VirtualBox 6.1.16 Guest Additions for Linux.......

VirtualBox Guest Additions installer
Removing installed version 6.1.16 of VirtualBox Guest Additions...

update-initramfs: Generating /boot/initrd.img-5.4.0-42-generic

update-initramfs: Generating /boot/initrd.img-5.4.0-70-generic

Copying additional installer modules ...

VirtualBox Guest Additions: Starting.

VirtualBox Guest Additions: Building the VirtualBox Guest Additions kernel

modules. This may take a while.

VirtualBox Guest Additions: To build modules for other installed kernels, run

VirtualBox Guest Additions: /sbin/rcvboxadd quicksetup <version>

VirtualBox Guest Additions: or

VirtualBox Guest Additions: /sbin/rcvboxadd quicksetup all

VirtualBox Guest Additions: Building the modules for kernel 5.4.0-70-generic.

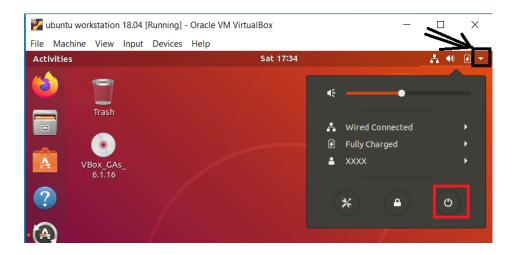
update-initramfs: Generating /boot/initrd.img-5.4.0-70-generic

VirtualBox Guest Additions: Running kernel modules will not be replaced until

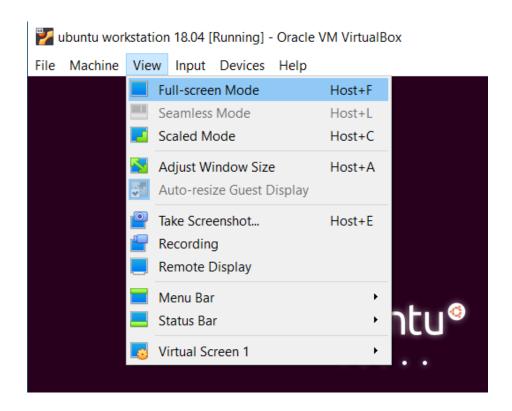
the system is restarted

Press Return to close this window...
```

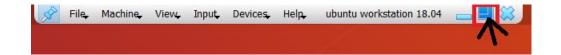
31. Click on the small downwards pointing arrow in the right top corner and then click on the power button to restart the virtual machine.



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".



34. Open Firefox browser on your Ubuntu machine and visit or go to following link. Follow all the steps from the opened guide on your Ubuntu.

https://tech2talk.github.io/vms-and-containers/docs/step4-install-docker.pdf