

Experiment No. 1

Installing Ubuntu using Virtual Box .

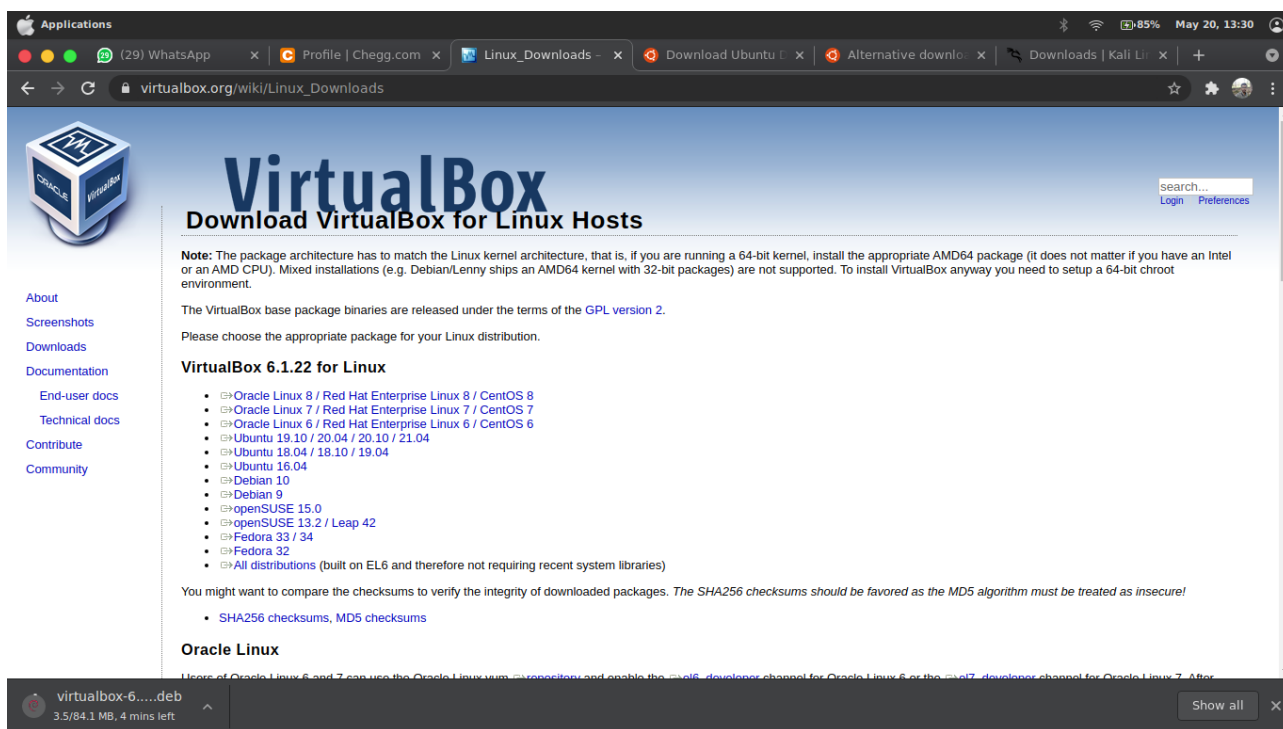
Result:

1) Downloading and Installing Virtual Box:

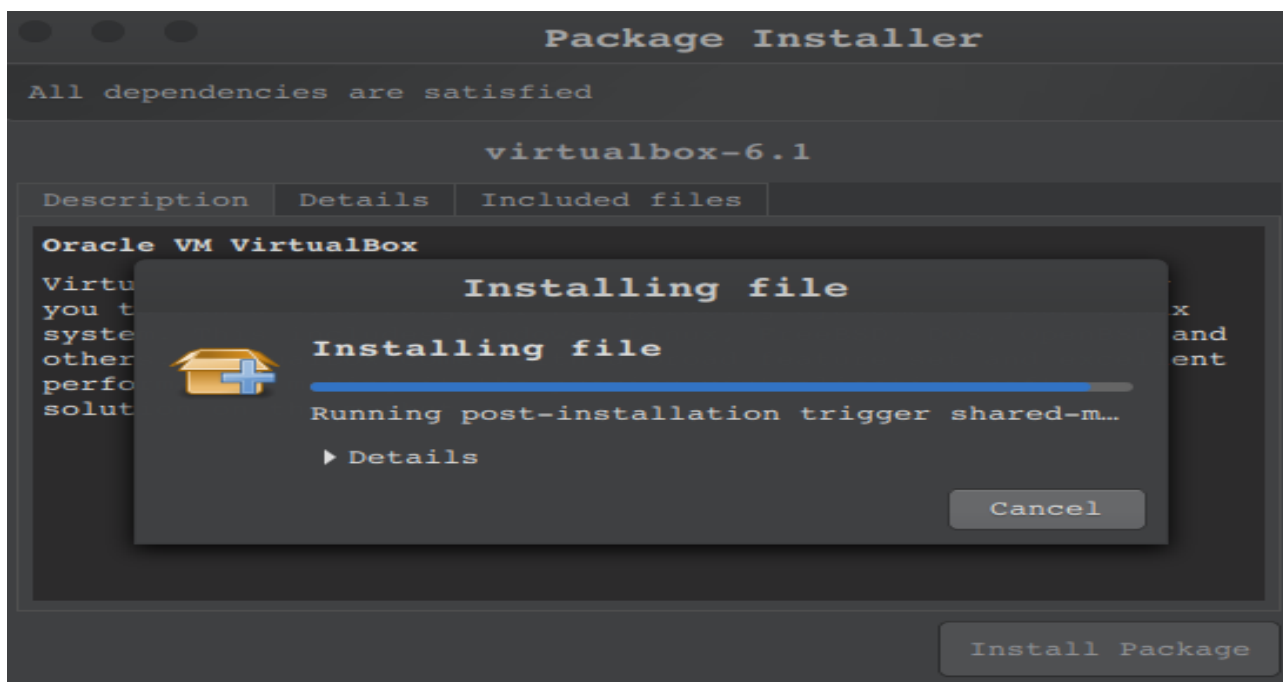
We can download Virtual Box application from [virtualbox.org](https://www.virtualbox.org).



We can get its download link for multiple OS and different variants of stable releases from here. (eg: Windows , linux, Macintosh, etc.)

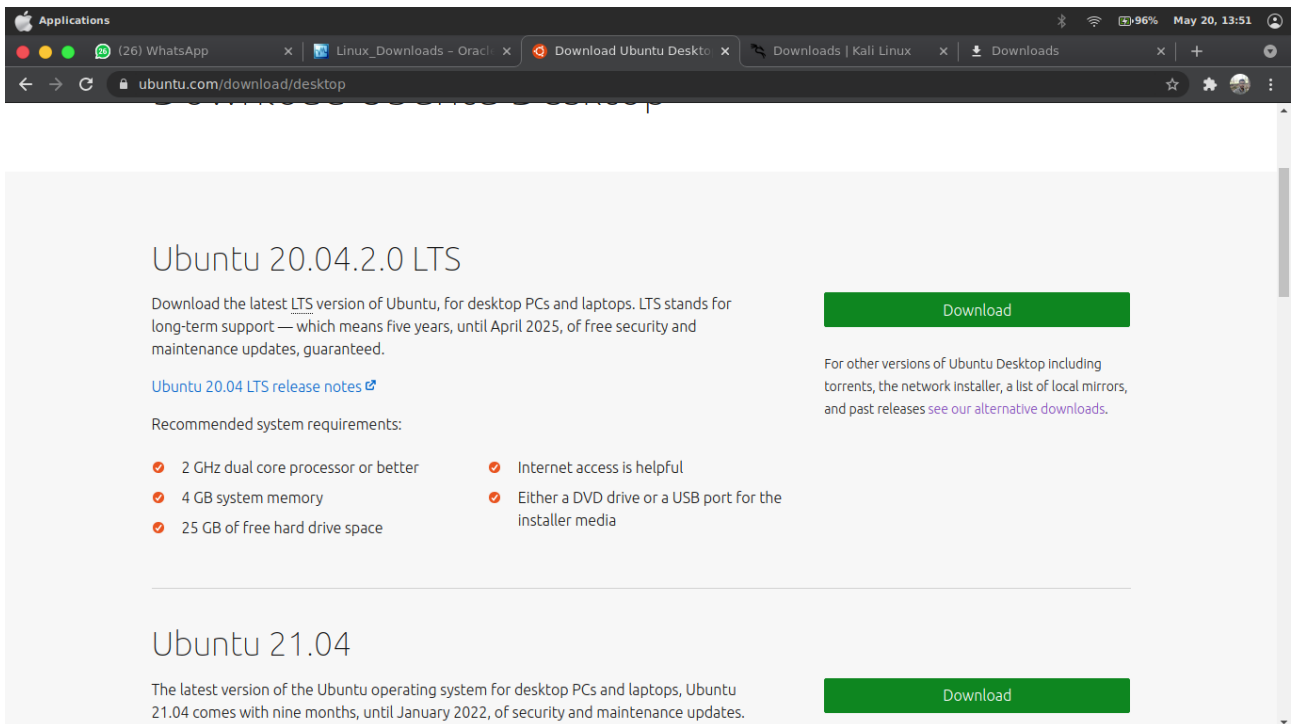


After finish Downloading we can install it by Right click->open with package installer . Then it will start installing



2)Downloading Ubuntu ISO file:

We can download latest Ubuntu OS from its official site ubuntu.com . Download latest **LTS** version

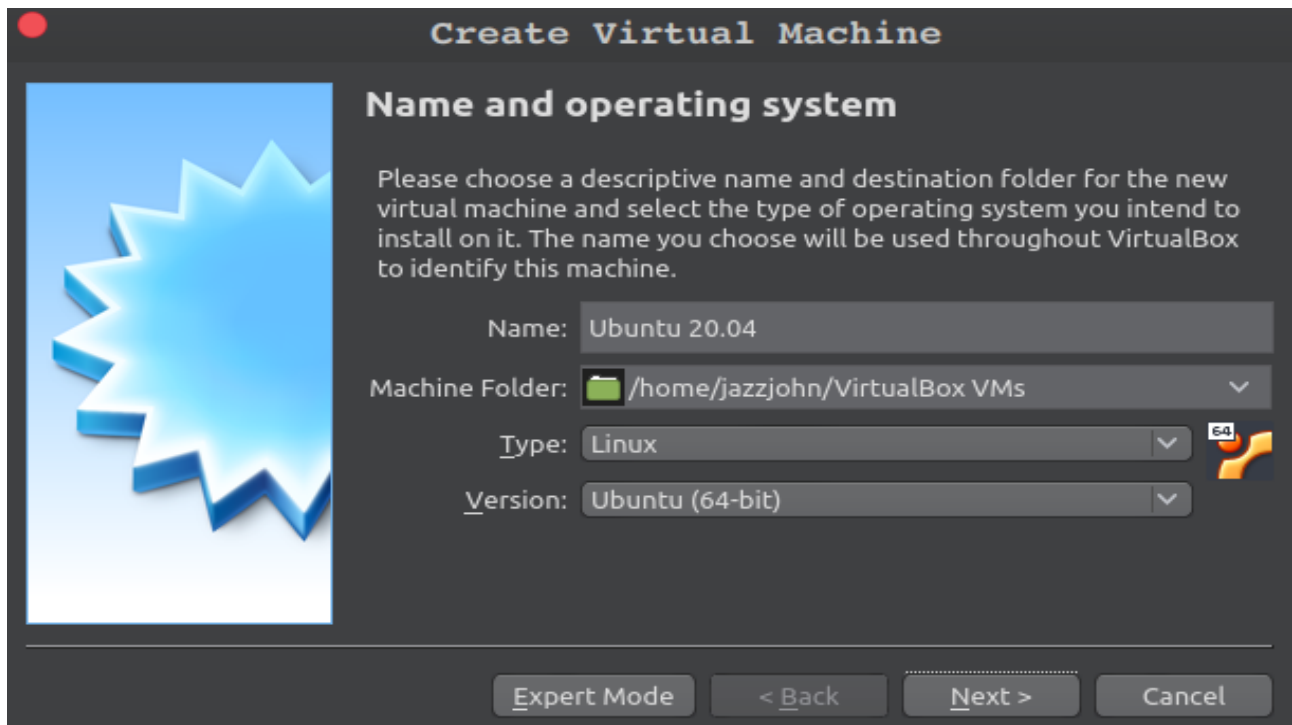


3)Installing Ubuntu using virtual box:

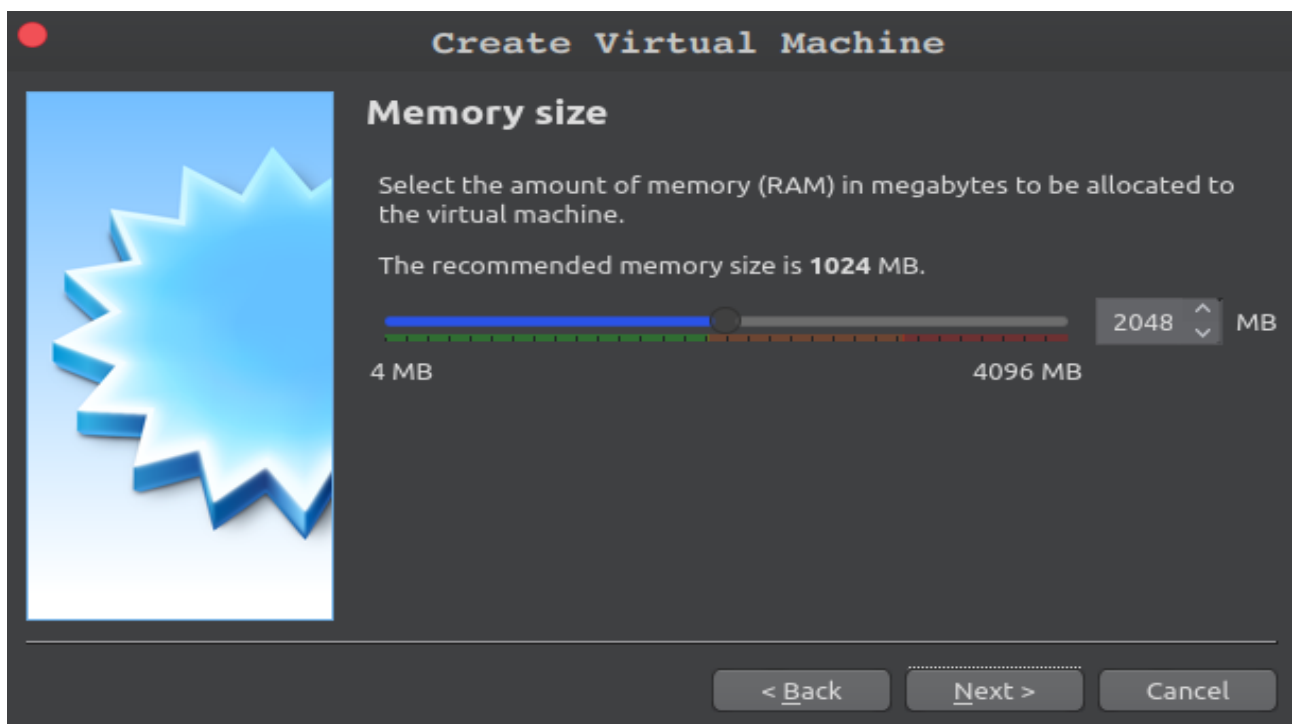
After downloading Ubuntu iso file open Virtual box and click on the New button



It will give a pop-up window. There we want to add name of the OS and other information are filled by default if we want to change type and version we can choose it from available options from



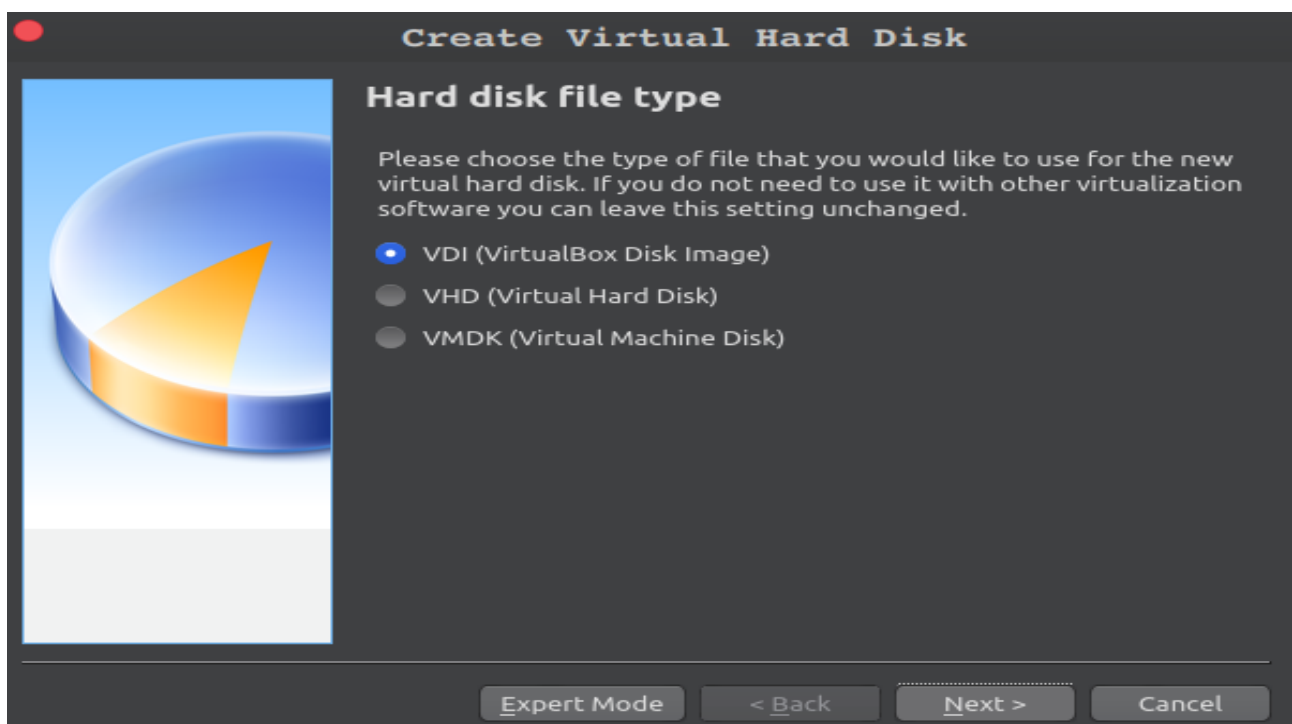
dropdown menu given. Then click Next. From next window allocate the memory size for virtual



machine. Then click Next. We can choose 'Create a virtual hard disk now' option. Then Next



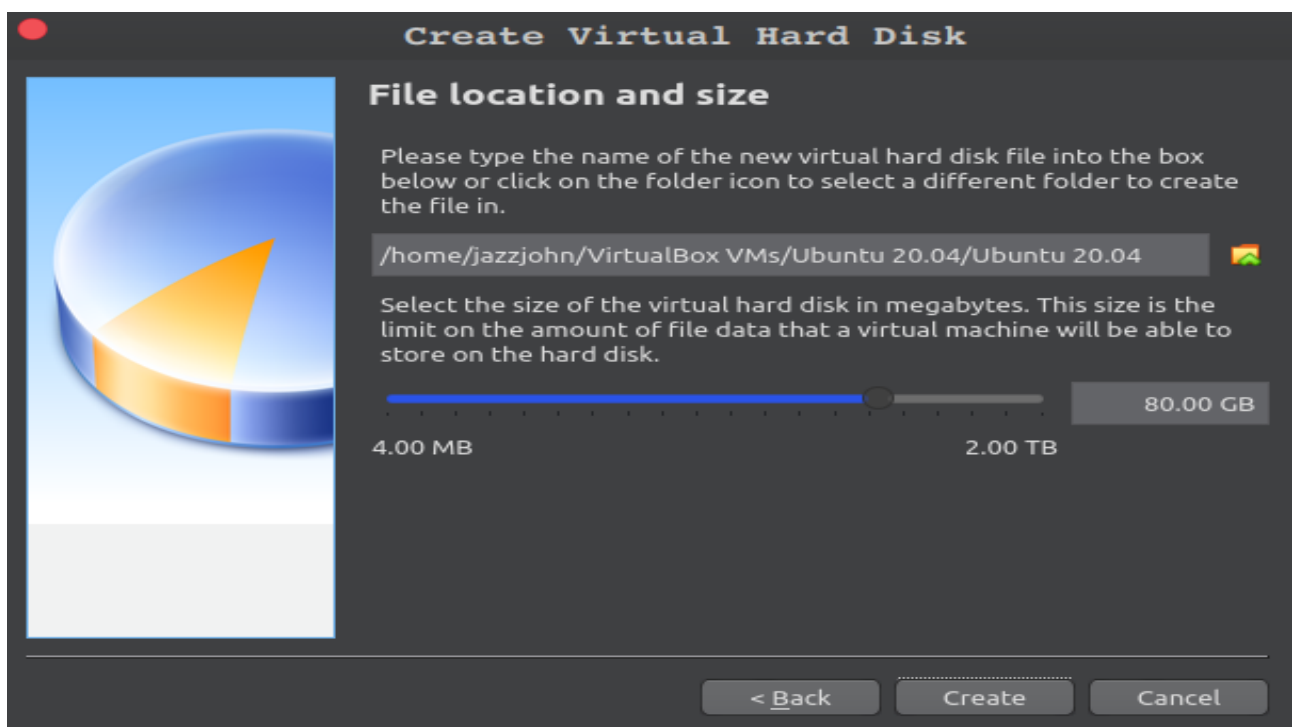
Choose hard disk file type as VDI(virtual disk image). Then click Next



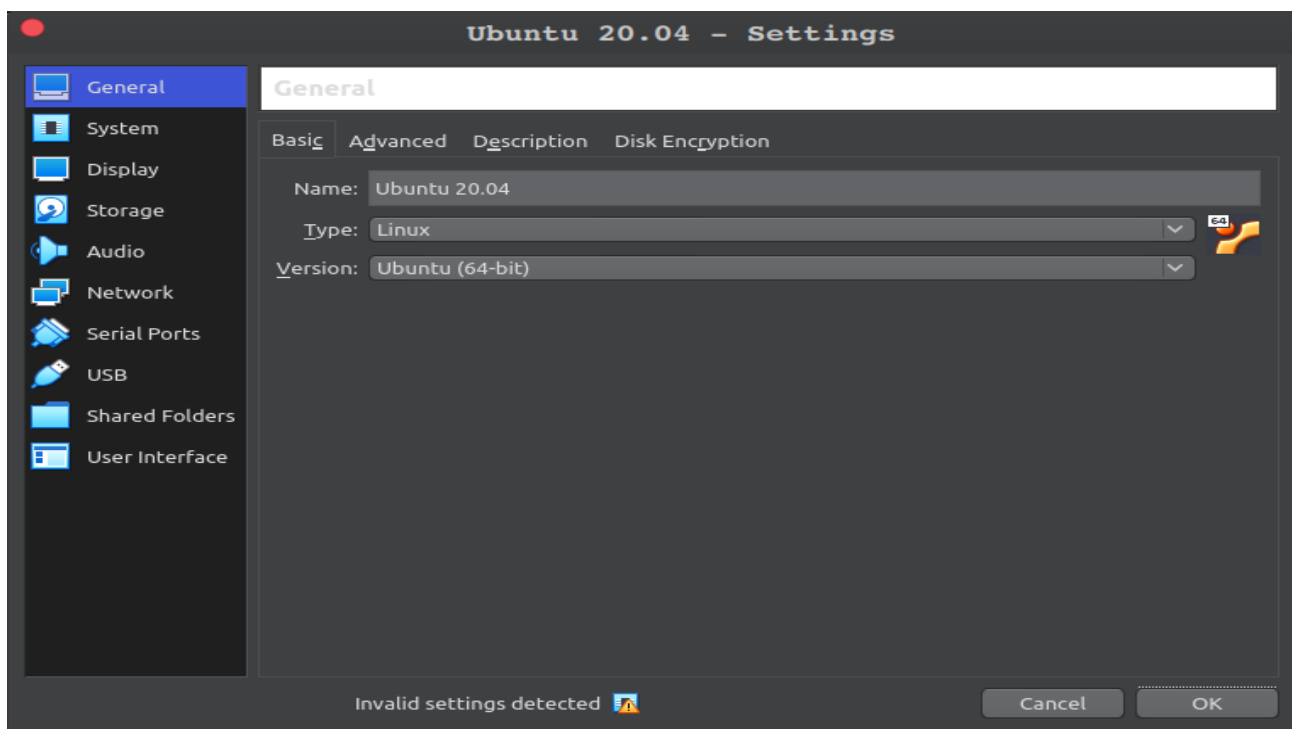
Then Choose storage on physical hard disk as Dynamically allocated . Then click Next



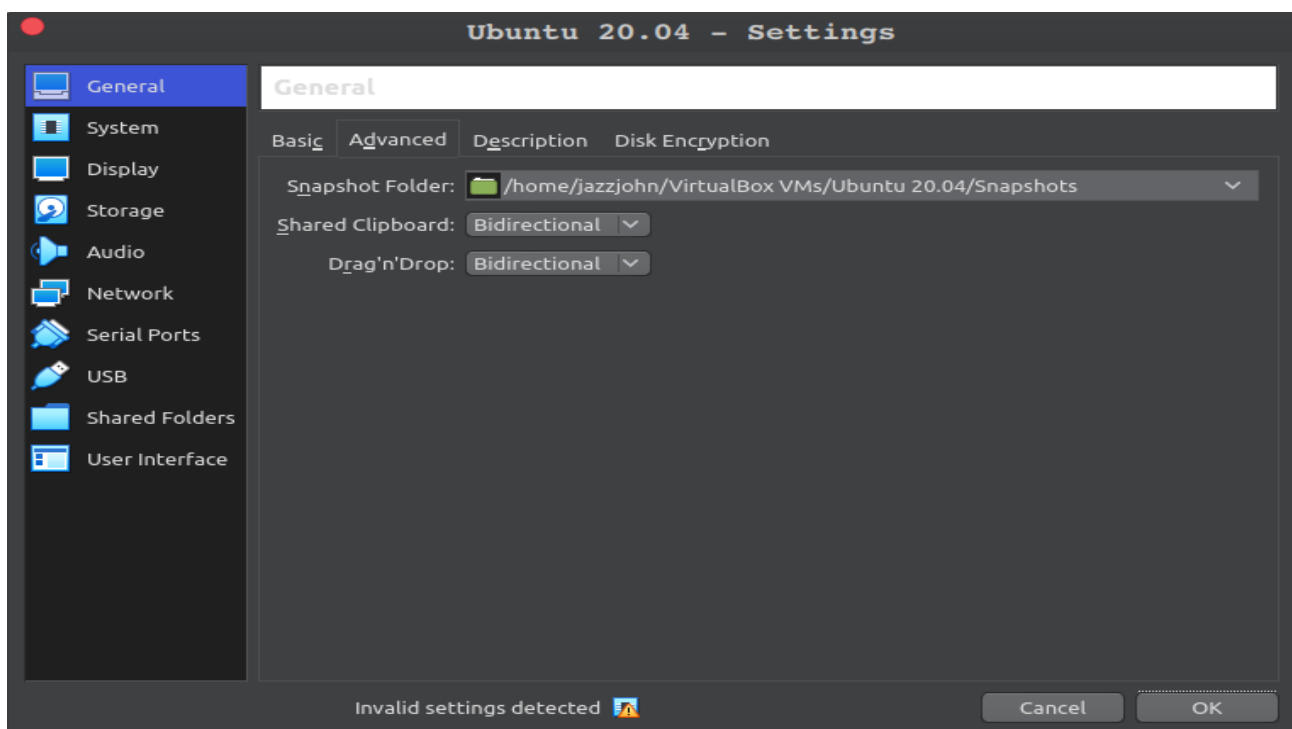
We can allocate Hard disk size and File where we want to keep the new OS files. Then click on Create



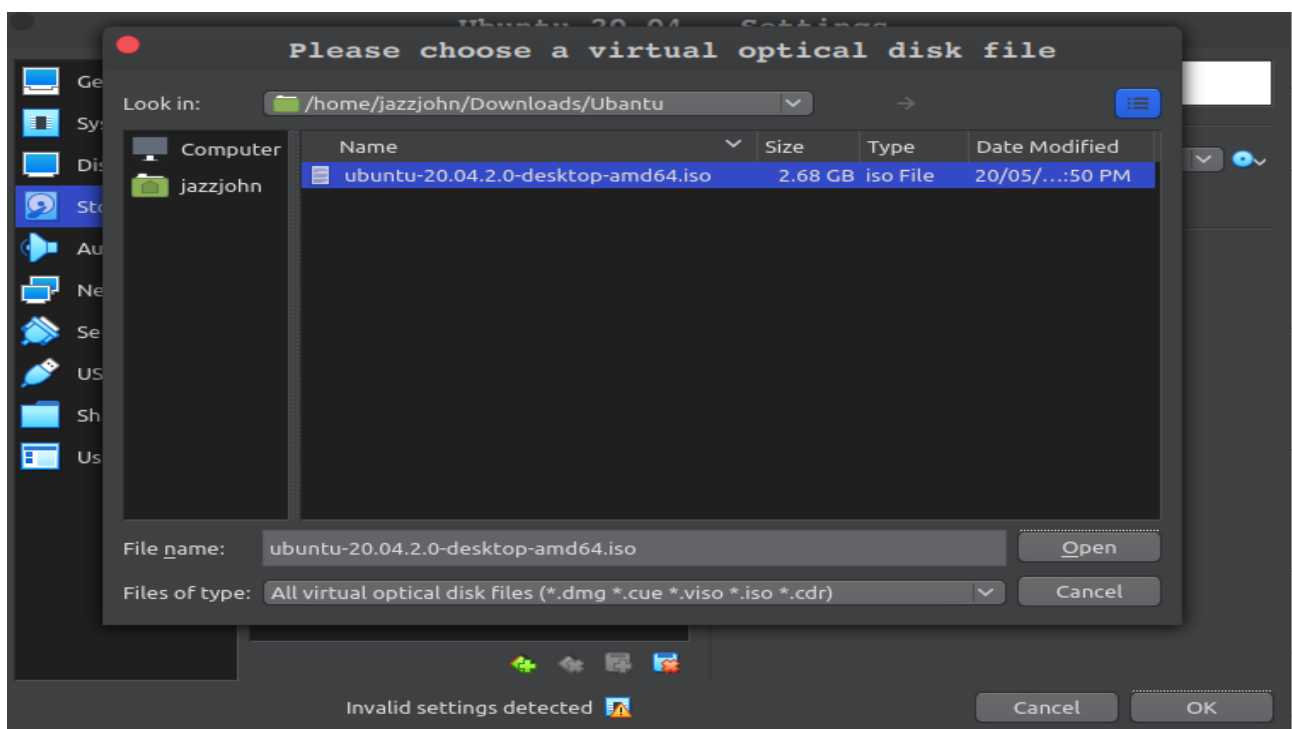
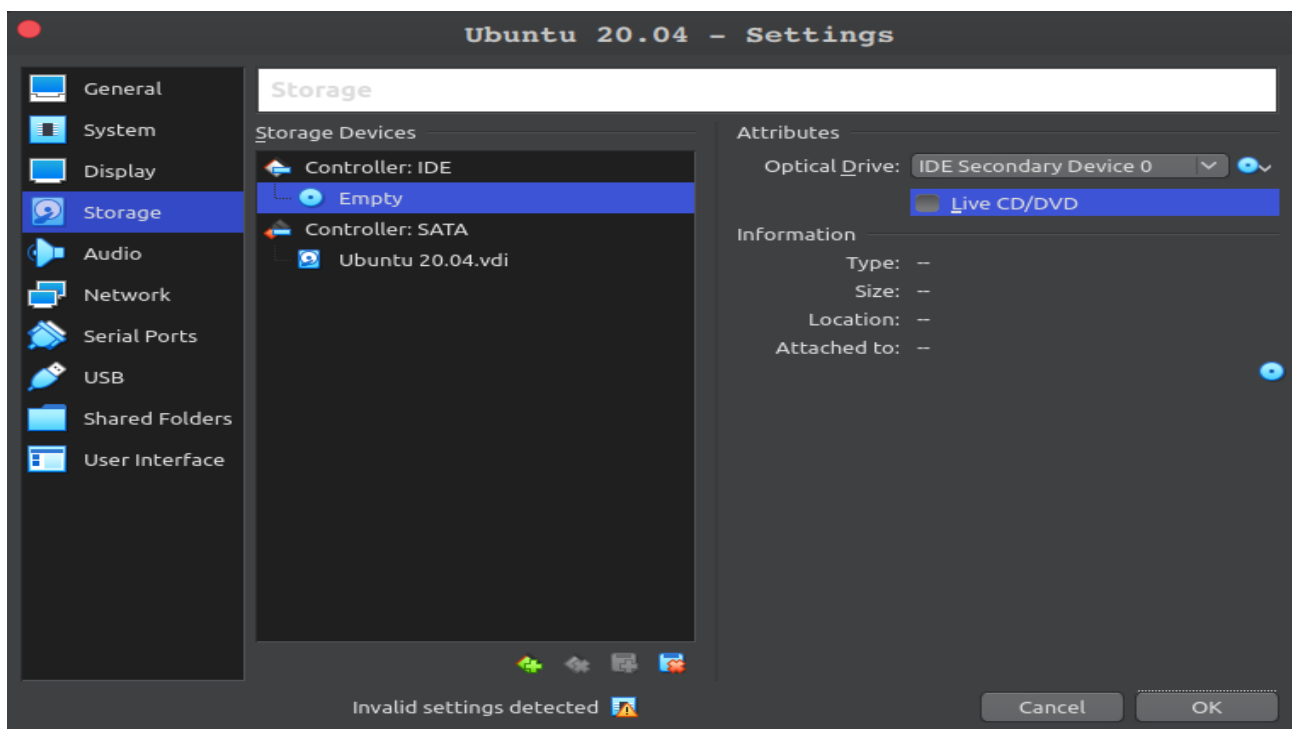
Then we can see Ubuntu tab on the virtual machine. Before starting that we want to change some settings. So Right click on the Ubuntu tab -> select settings . It will open a window . We want to change some settings.



Go to General -> Advanced change value of Shared clipboard and Drag'n'Drop to Bidirectional

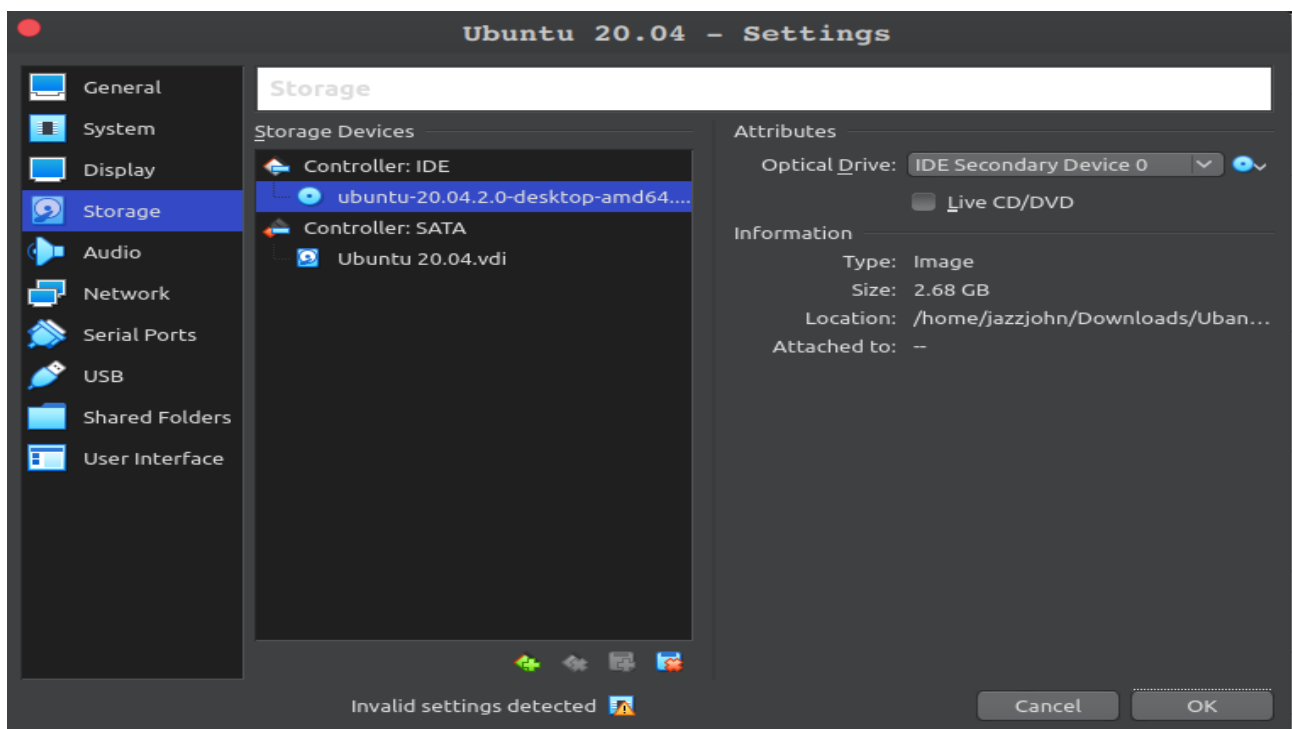


Next Go to Storage -> Controller:IDE -> Optical Drive then Brows to the Ubuntu iso file we downloaded .

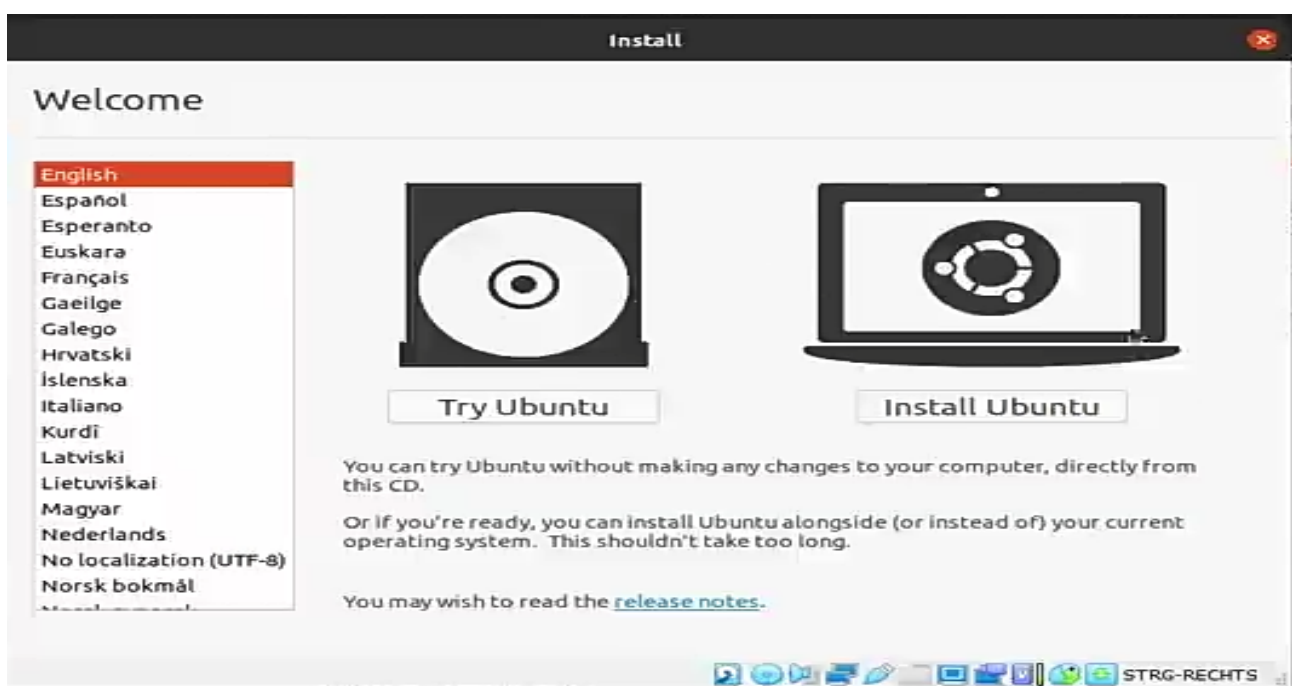


After Finishing that we can close the window by clicking Ok button.

Then select the Ubuntu tab and click Start icon on the top of the virtual box window.



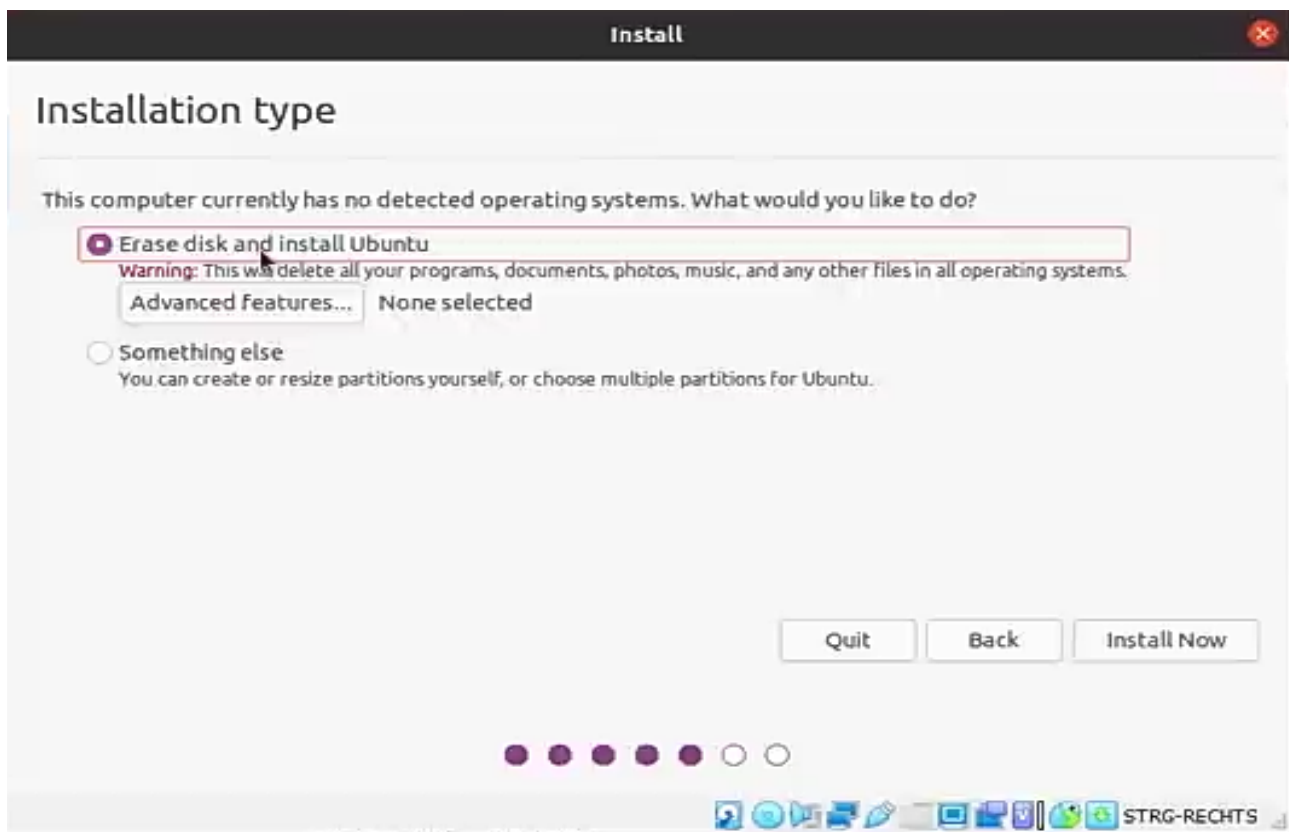
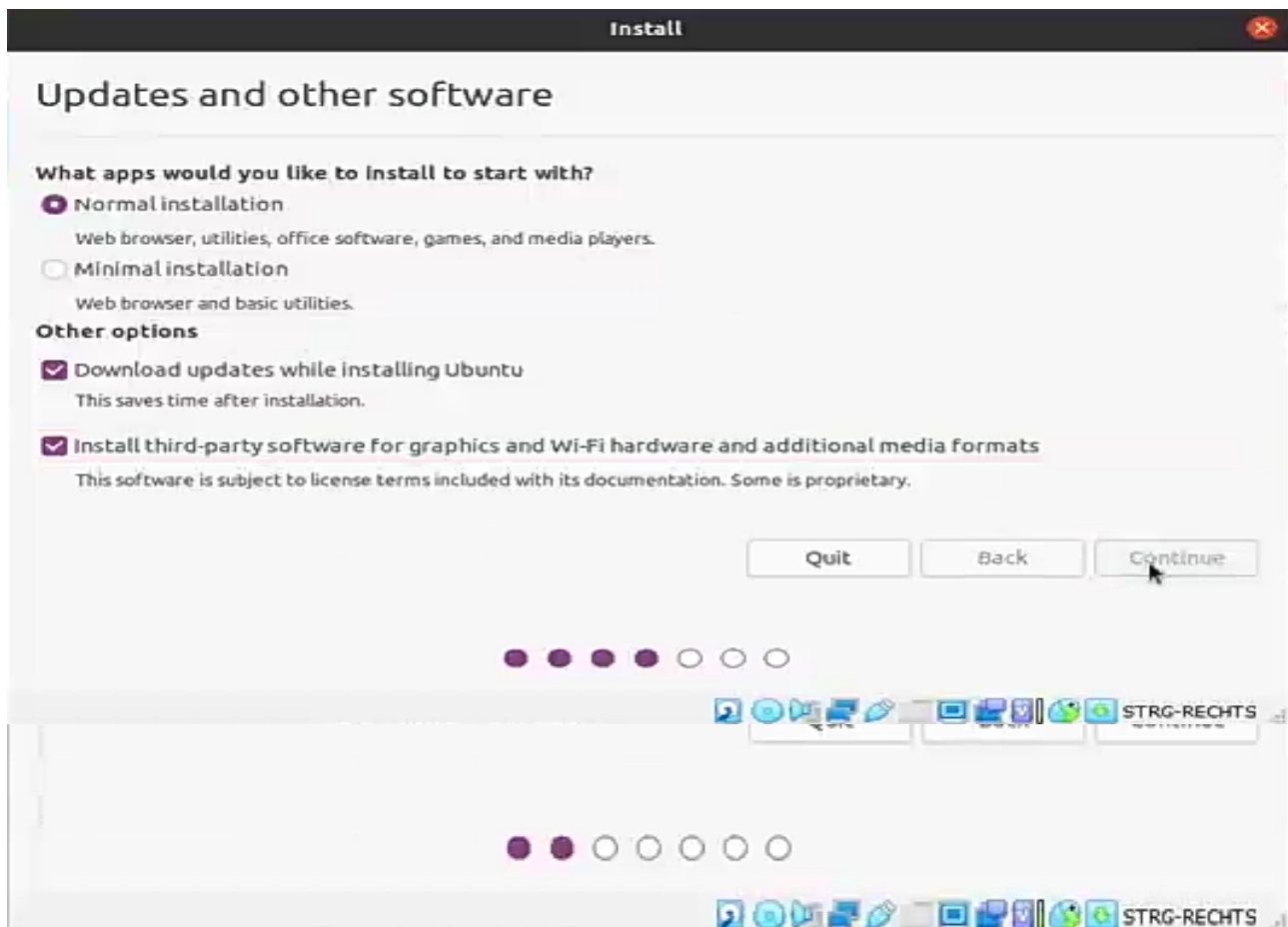
Then it start installing on the virtual box



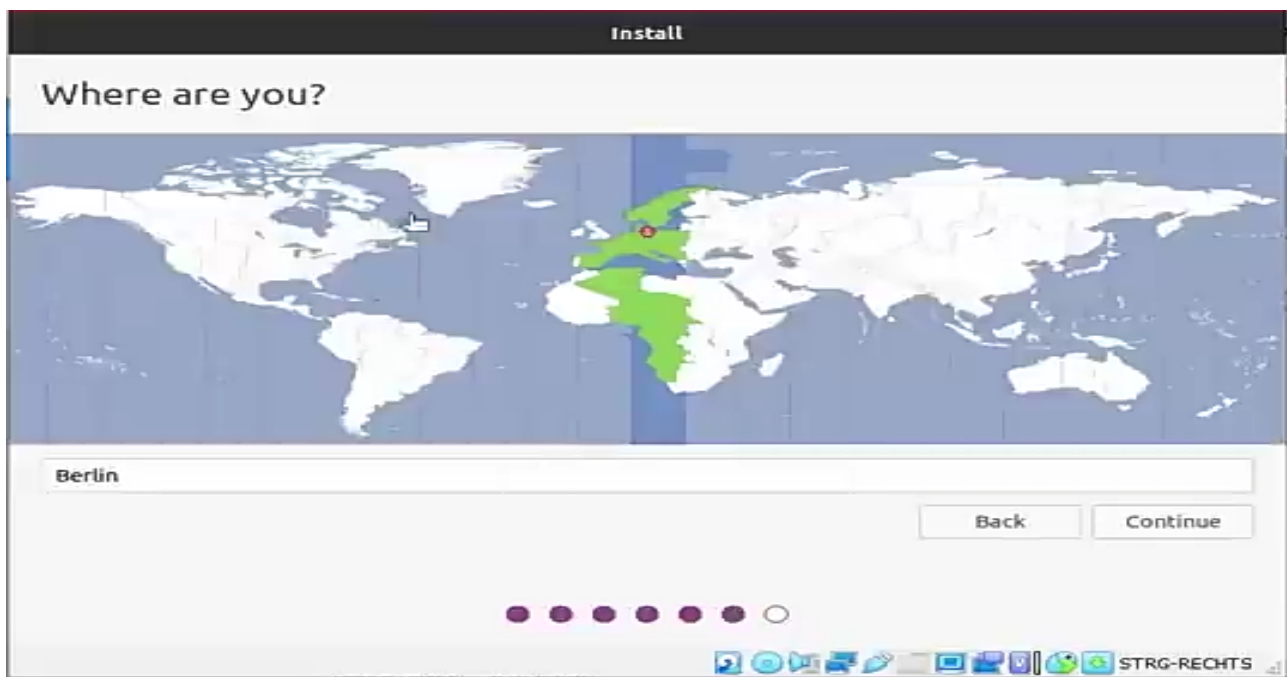
Select the language and click on install Ubuntu button

Chose the Keyboard layout we want.

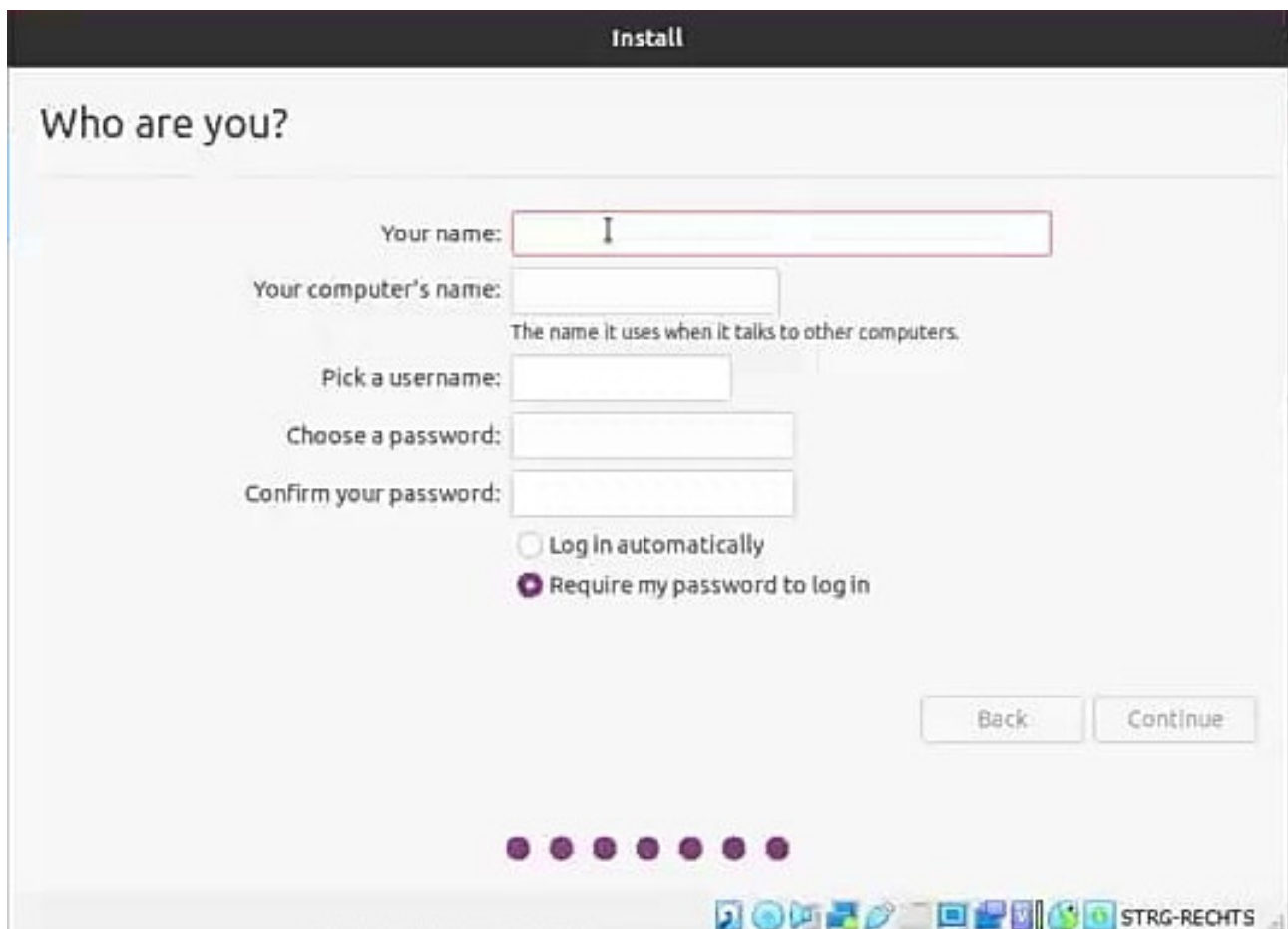
Select Normal installation and select install-third party software and Download updates while installing. Then click continue



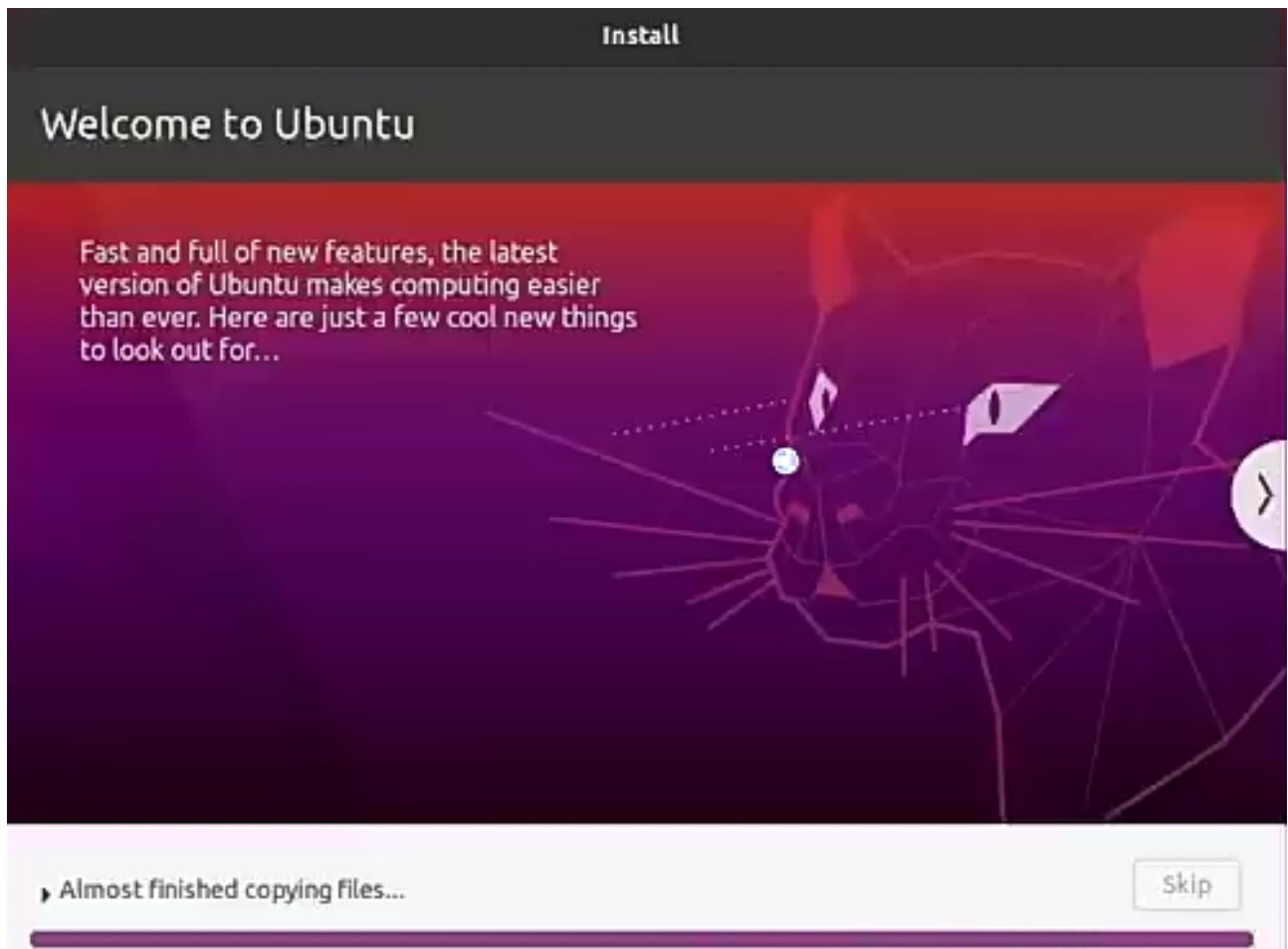
Then select Erase and install Ubuntu then click Install Now button



After that we want to chose the location



Finally we must Create Our username and Password For security



After completing installation we can access Ubuntu via virtual box.