Install Ubuntu 14.04 In Dual Boot Mode With Windows 8 Or 8.1
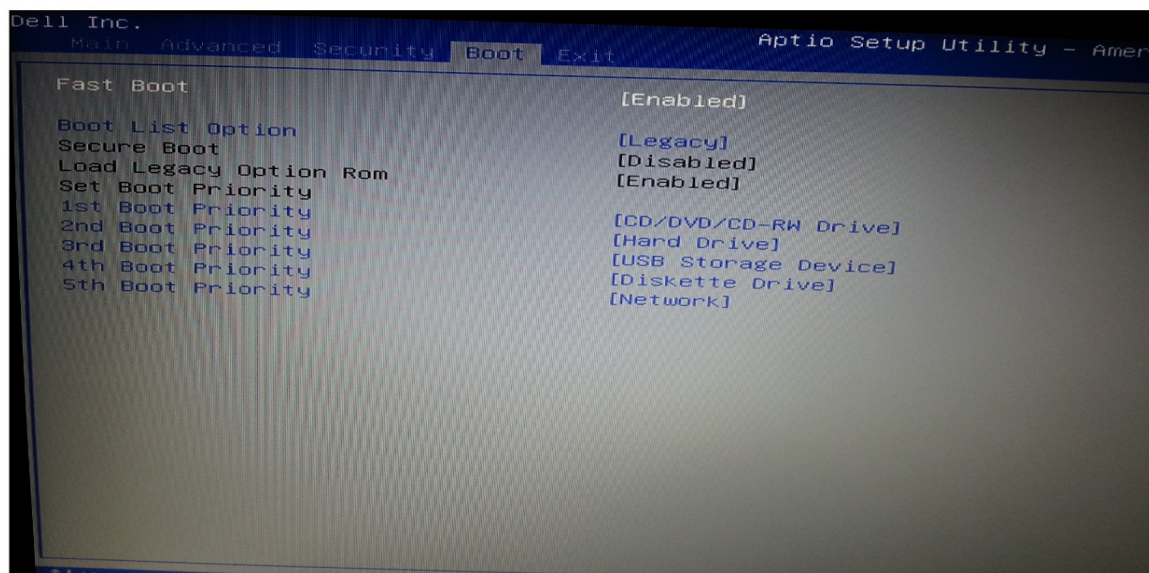
NOTE : -
- *Need to take your important files backup from Windows OS.*
- *Create separate partition for Ubuntu (we need to install Ubuntu in this new partition.*

Windows 8 introduced a new feature called "fast startup" for quick boot. While it is not mandatory, it would be better to have it disabled.

Go to **Control Panel** > **Hardware and Sound** > **Power Options** > **System Settings** > **Choose what the power buttons do** and <u>un-check</u> the **TURN ON FAST STARTUP**.

Once you have done with above steps restart your computer and goto your computer BIOS menu. Follow bellow steps.

- Restart your computer, computers require you to hold down or press a key to entering a BIOS. The most common way to enter the BIOS is to press the DELETE key and in few models it will be either of F2,F10,F8 or F12.
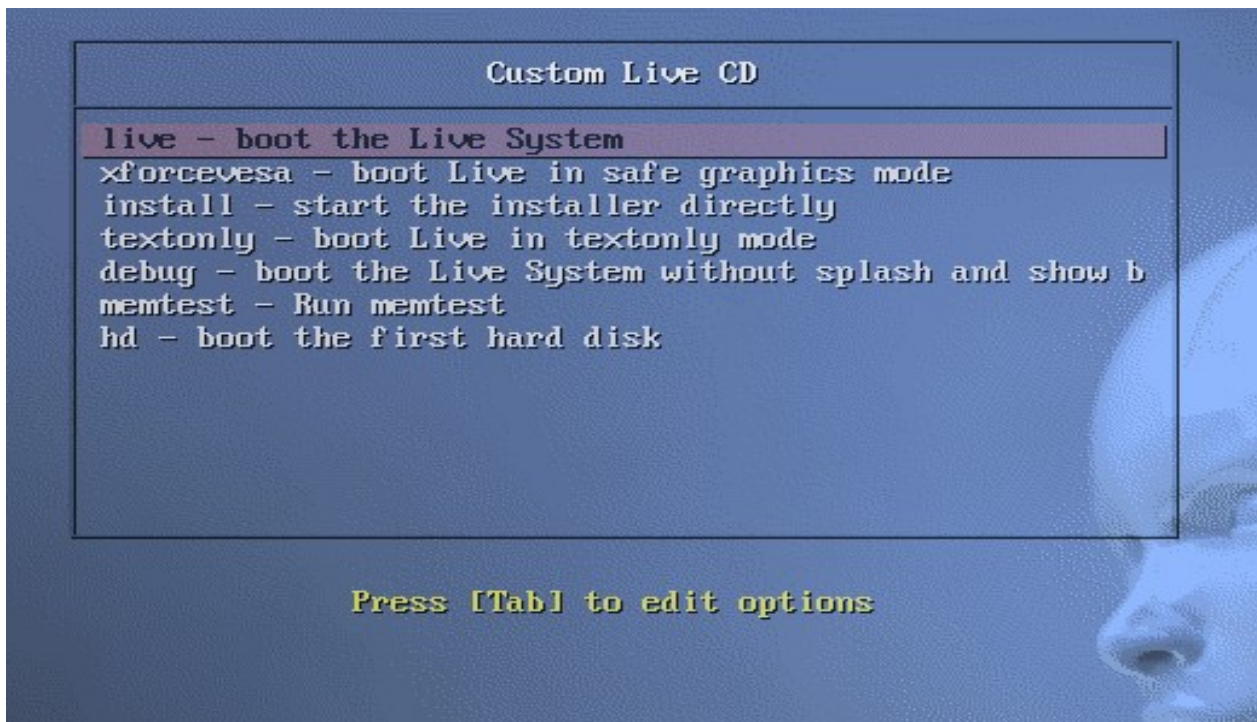

- **Disable secure boot in Windows 8 and 8.1**

This is the most important step. The new **secure boot** feature of Windows 8 or windows 8.1, originally intended for security feature like prevents dual booting of Windows with Linux. To dual boot Windows 8 with Linux, **we must disable SECURE BOOT** and **Enable LEGACY MODE.**

If you don't get this menu, you have to set up BIOS first boot device as DVD drive or USB device(Depand on your installation media), for this please follow below steps.

- In the above screen you have to select DVD or Ubuntu pen-drive (Depend on your installation media) as First boot devices then press F10 and save it.

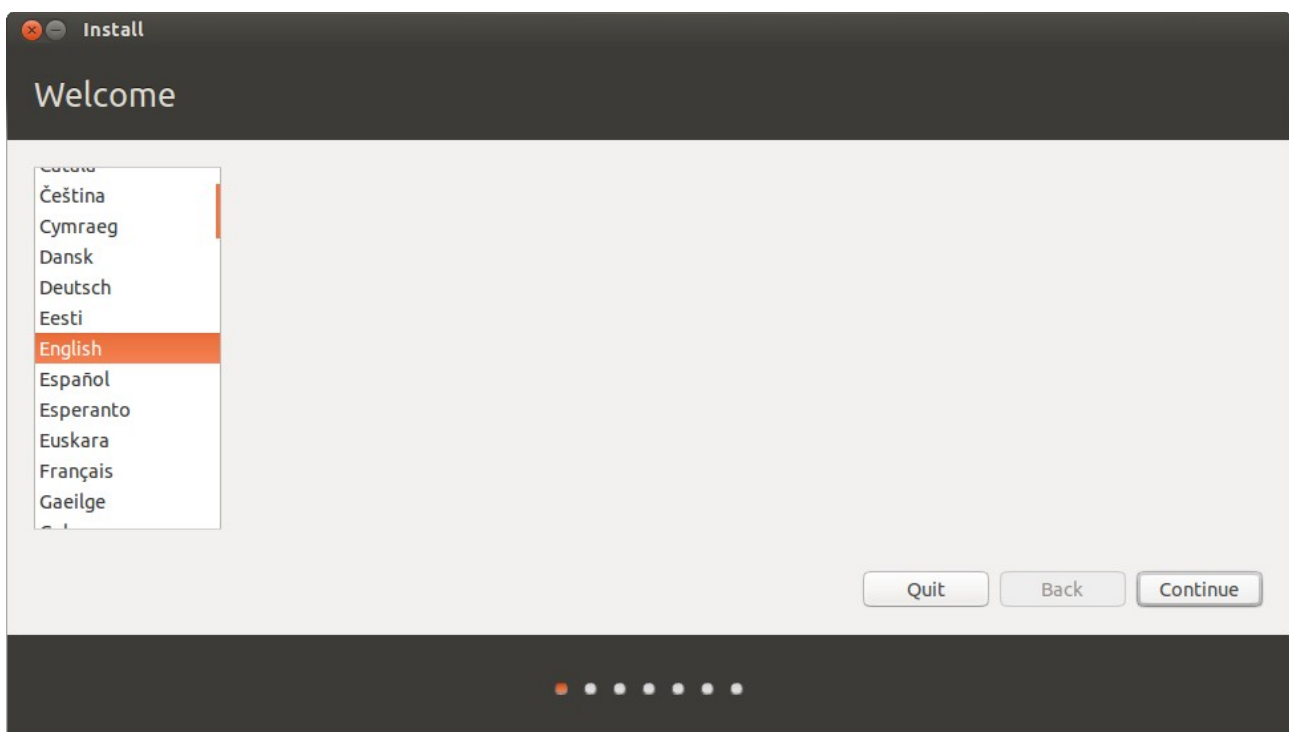Now, computer will restart and it will start from below screen

Note: Select Install-Start the installer directly. (In the above screen mouse will not work)

- **Welcome screen :**
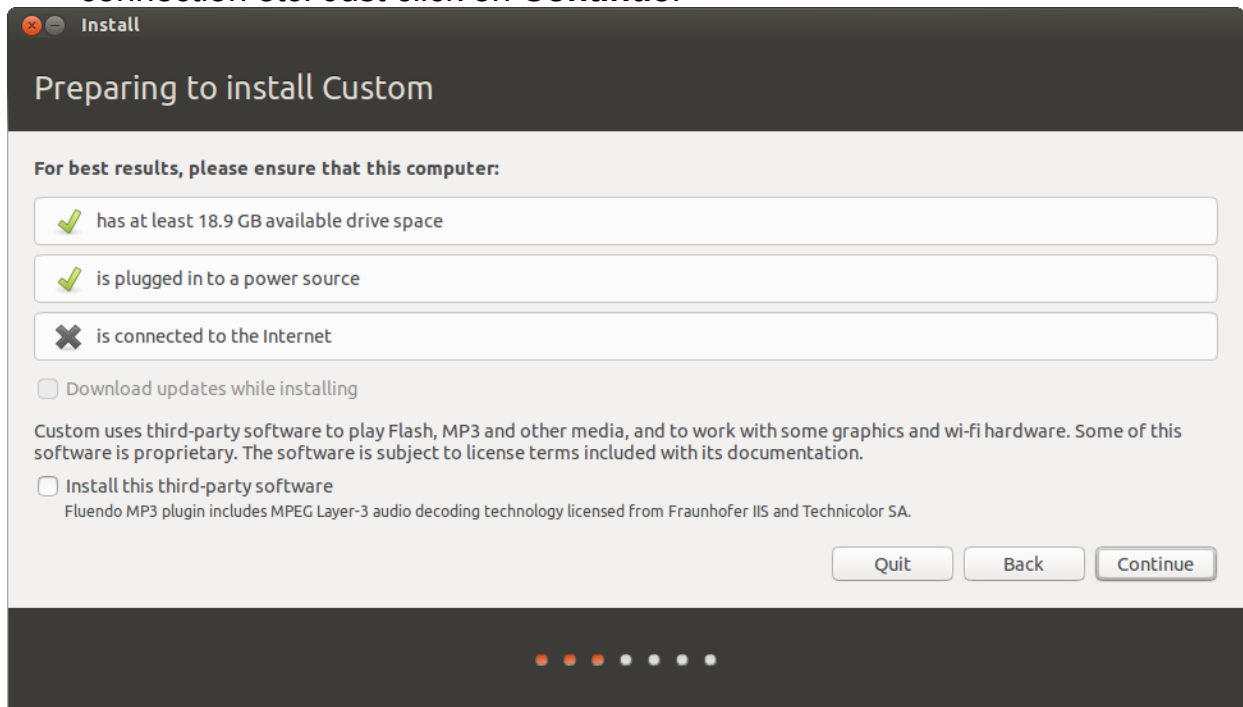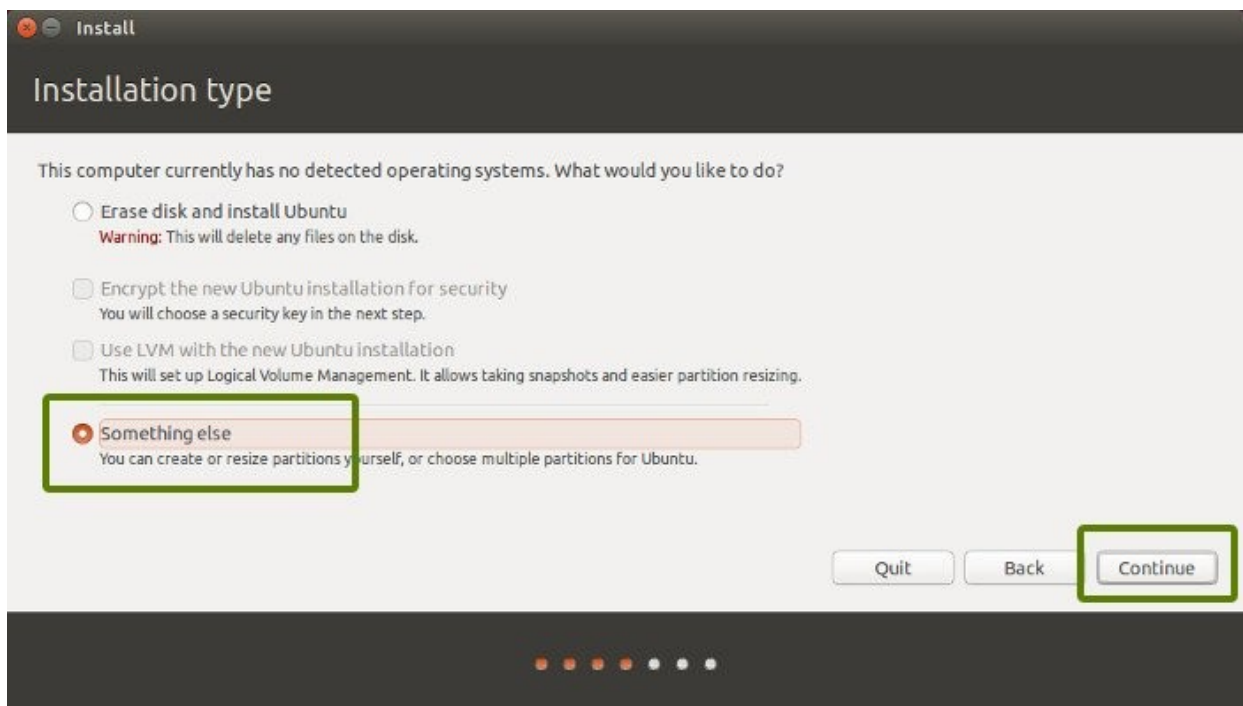
Choose language (English).

Click on Continue ....

If you are installing in the Laptop will get Wifi connection information.

just click on **continue.**

- It will then do some checks on available space, power and internet connection etc. Just click on **Continue**.
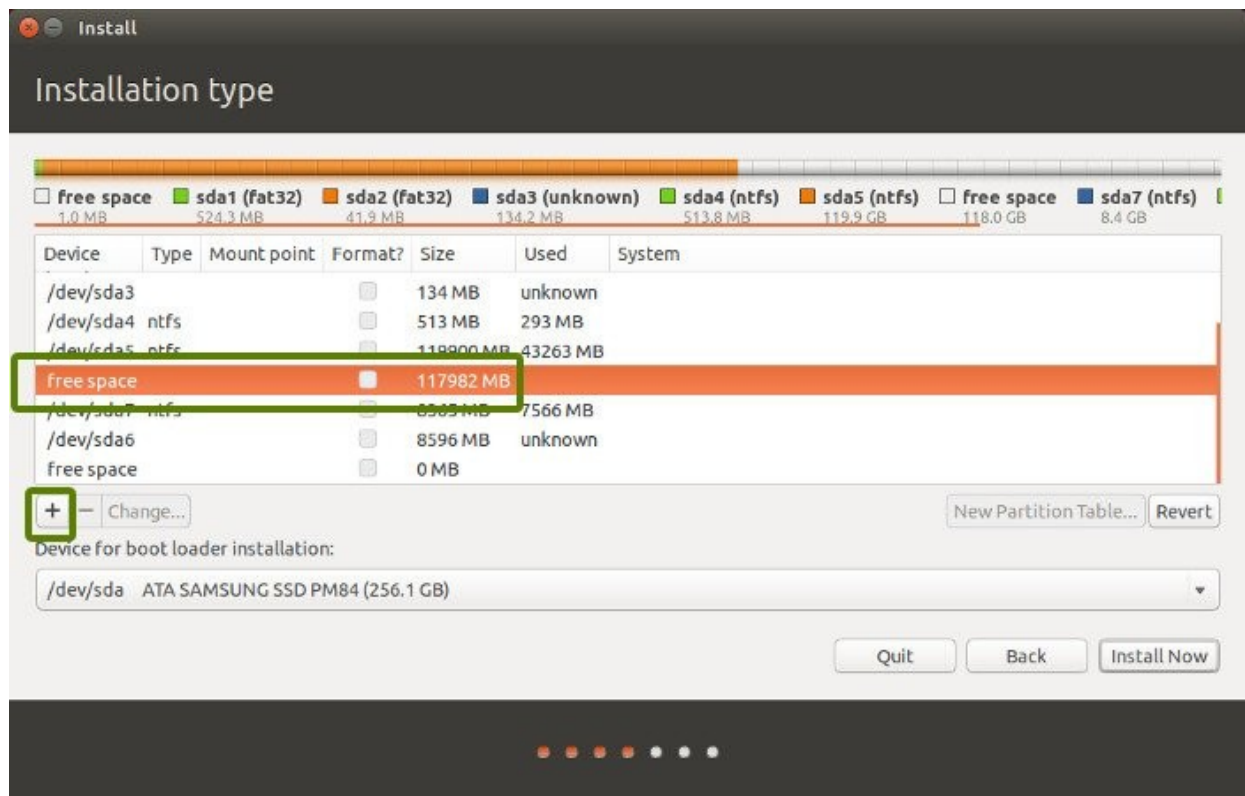

- The main screen which you should pay attention to is **Installation Type**. Choose **Something else** here:
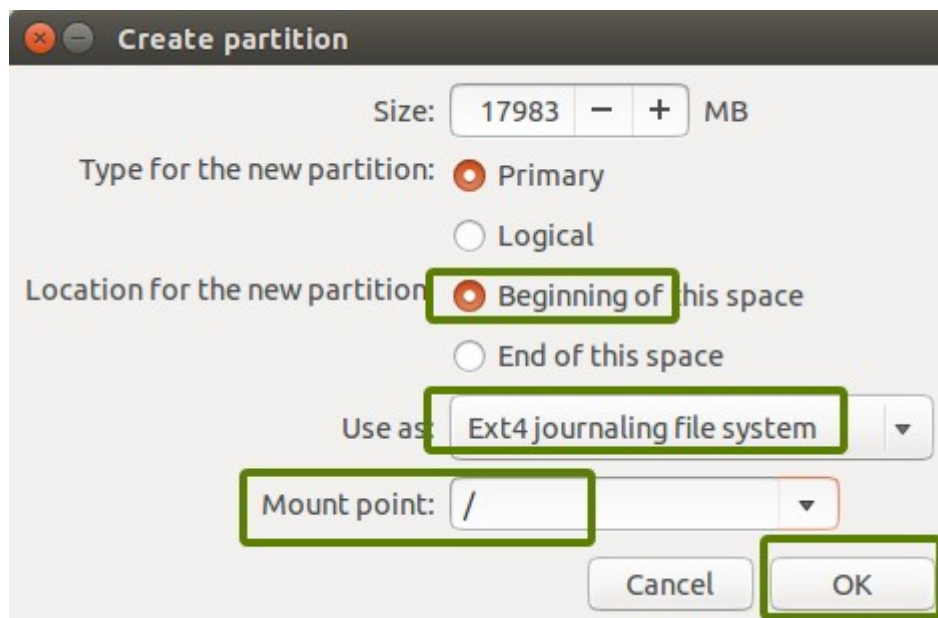

- Remember we had created some free new partition for ubuntu installtion in windows right?
   We shall use that partition now to create Root, Swap and Home. Select the
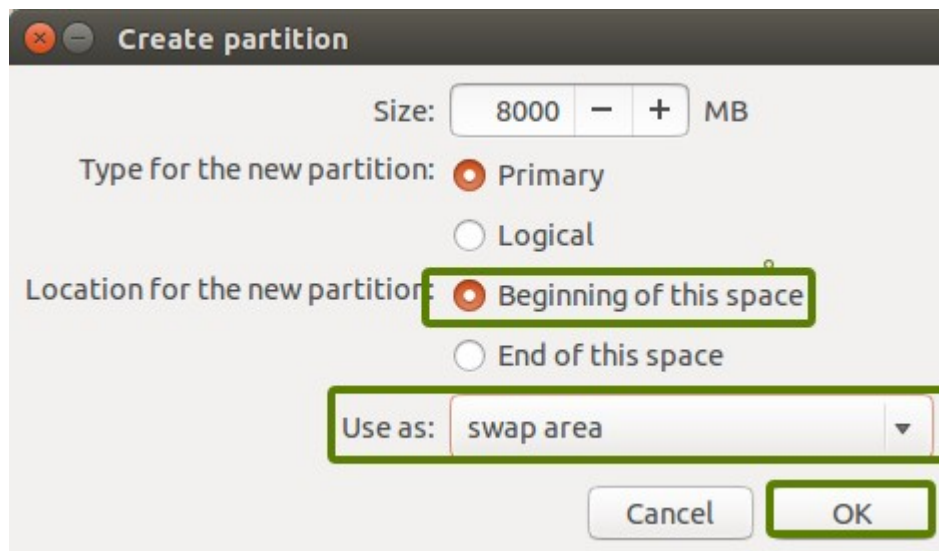
free space and click on the + sign

- It will provide you with option to create Linux partition. We are creating the Root partition. Any thing between 40-50GB is sufficient for it. Choose the size, select Ext 4 as file type and / (means root) as the mount point.

- Clicking on OK in previous step will bring you to the partition screen. Next we will create swap. Like previously, click on the + sign again. This time use the file type as Swap area. Suggestible swap size is double of RAM.
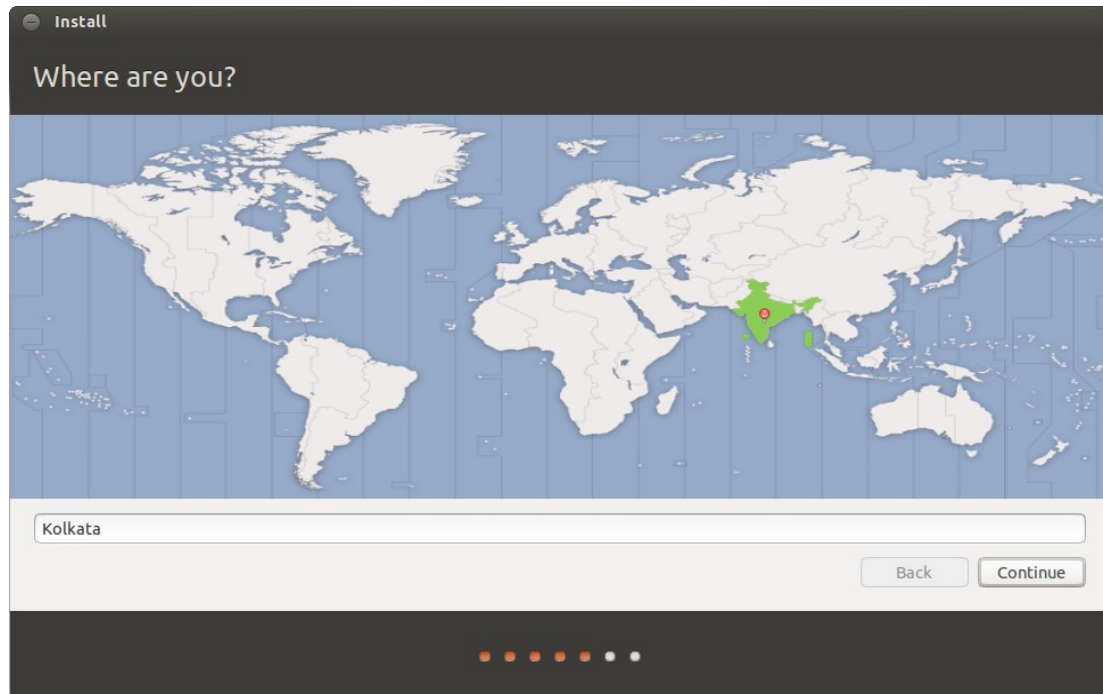
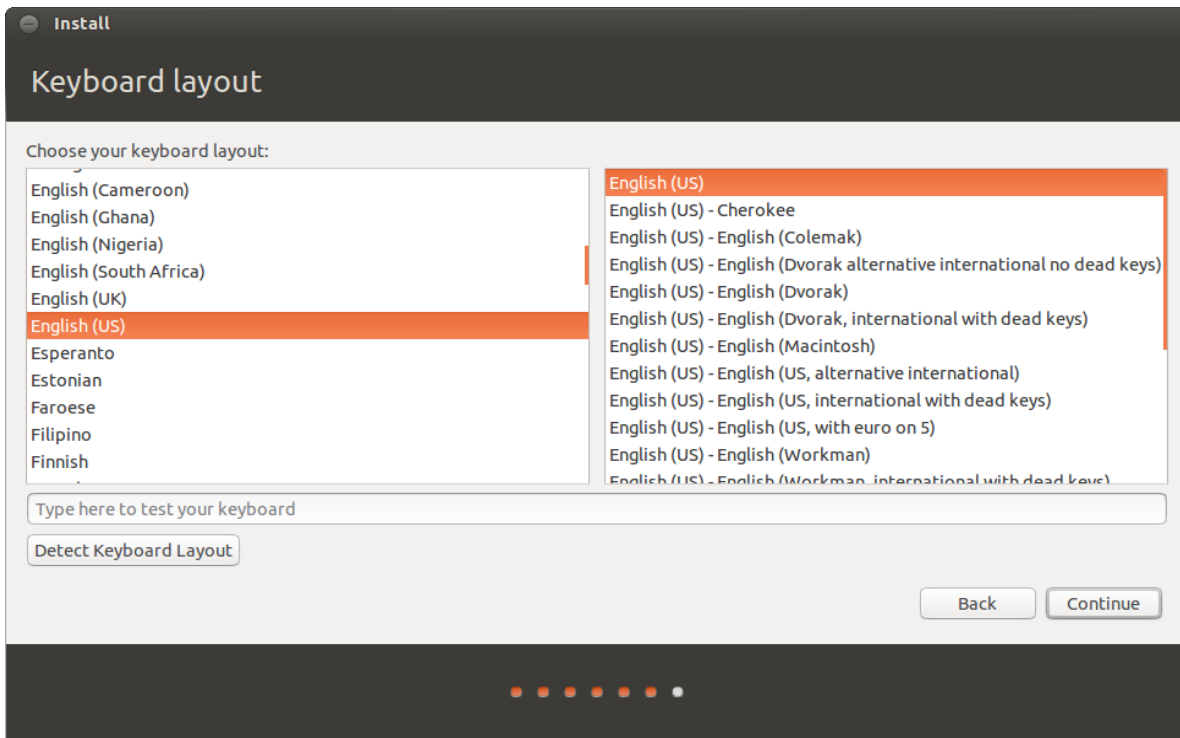- Once you are ready with Root, Swap, click on **Install Now**:

  Well, you have almost won the battle. You can smell victory now. Next you will be asked to set user-name password etc. Basically, you just need to click next now**.**

- Choose Time zone and press **Continue** (In the mean time setup will continue in the background, to set for Indian Standard Time click on India).
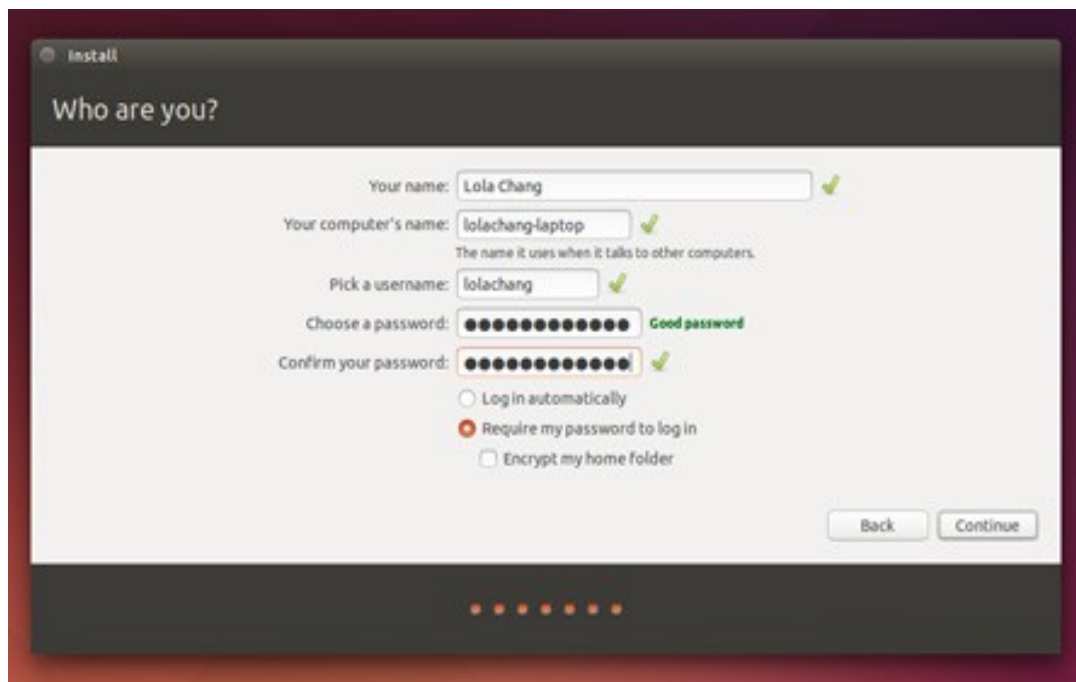

Click on Continue…

- Now choose keyboard layout, leave as it is and press **Continue**.

Click on Continue…

- Type name, computer name, username (for login) and password. By default it will take "Ubuntu" as username and "Ubuntu" as password.

Click on Continue…

- It will proceed with the rest of the installation.
- Press **Restart now** and remove installation media(CD/DVD/USB) while rebooting.
- Press Enter key to finish the process.

How to select Ubuntu when power on the computer

1. *Switch on the computer and quickly press boot keys(These keys will depend on `laptop company)*
   bellow are example keys based on laptop companies :-
- *Dell : f12, Delete*
- *HP : f9, esc or delete*
- *Lenovo and acer : f10 f12 or delete keys.*

Once you enter to the BOOT menu, like above screen Select any one of the listed below
- *Note book Hard drive*
  or
- *Ubuntu*
  or
- *Internal Hard drive*

then click ENTER