



Mawlana Bhashani Science and Technology University

Lab-Report

Report No: 01

Course code: ICT-3110

Course title: Operating Systems Lab

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Submitted by

Name: Sabikun Nahar Piya

ID: IT-18020

3rd year 1st semester

Session: 2017-2018

Dept. of ICT

MBSTU.

Submitted To

Nazrul Islam

Assistant Professor

Dept. of ICT

MBSTU.

Experiment No: 01

Experiment Name: How To Set Up Linux Ubuntu.(17.10)

Theory :

There are different types of Operating system. Some examples include versions of [Microsoft Windows](#) (like [Windows 10](#), [Windows 8](#), [Windows 7](#), [Windows Vista](#), and [Windows XP](#)), [Apple's macOS](#) (formerly OS X), [iOS](#), Chrome OS, BlackBerry Tablet OS, and flavors of the open source operating system Linux. Different type of Linux distribution and version is exist.

We use linux operating system because:

- Linux is Free an Open Source.
- Linux can run low Hardware machines too.
- Well supported.
- Lots of Flavors.
- Good security.

Experiment Setup: Here we will implement Linux Ubuntu 17.10 . We will do Dual-Boot Linux ubuntu 17.10 and Windows 10.

The install process is given below.

5 steps to Dual-Bootting:

- Download the Linux Mint operating system (in an iso file format) from Linux ubuntu website.
- Downloads Rufus (a program for creating boot-able USB flash drives).
- Use Rufus to create a boot-able USB flash drive and copy Linux Mint onto it.
- Restart your pc and load Linux Ubuntu from your USB flash drive.

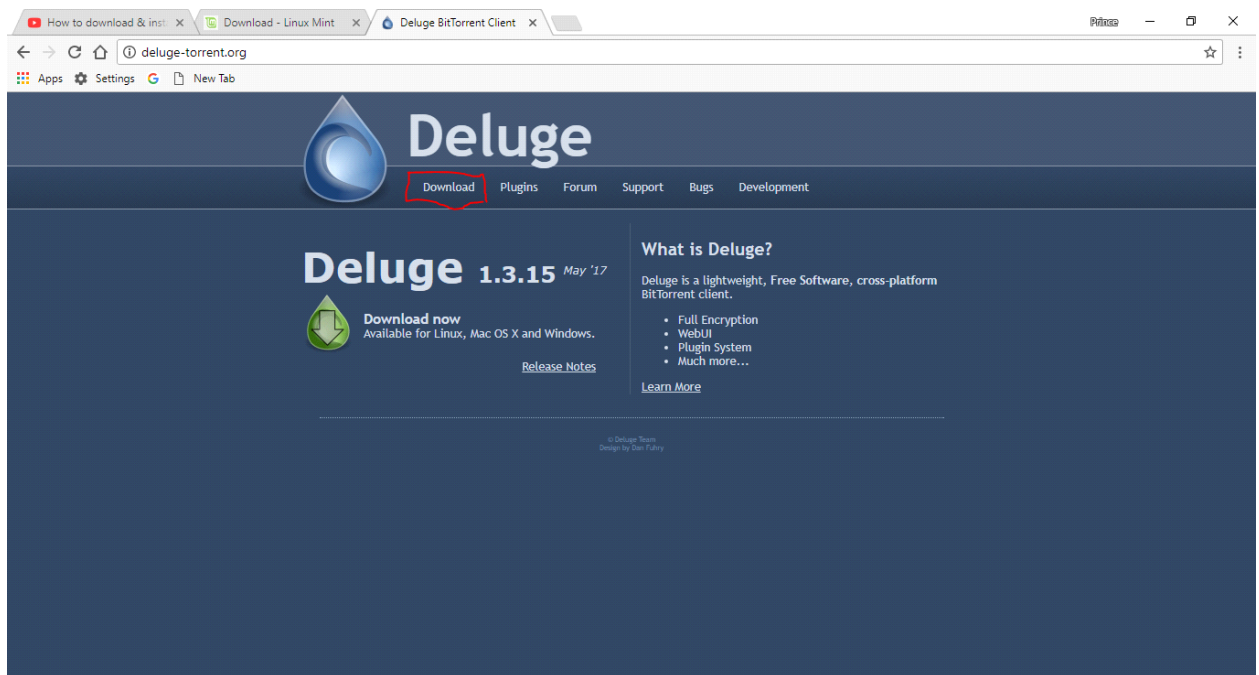
- Run the Mint installation wizard to install Linux Mint 18.2 along-side Windows 10 (64 bit).

Step 1:

Download Linux Ubuntu:

we will Download Linux ubuntu operating System in an iso file format from linux ubuntu website. <http://linuxubuntu.com/>

Before Downloading linux mint we will download Deluge. Deluge is an open source bittorrent application. We will download it so that during downloading Linux mint no error is occurred.



How to download & inst: X Download - Linux Mint X Download - Deluge X

dev.deluge-torrent.org/wiki/Download

Apps Settings G New Tab

Deluge

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Deluge Download

Latest Release: **1.3.15** (Release Notes)

Linux

- Ubuntu or Deluge Team PPA
- Debian
- Fedora
- OpenSUSE 1click
- Arch
- Gentoo

Microsoft Windows

- XP, Vista, **7 - 10**

Apple Mac OS X

- Deluge.app
- MacPorts

How to download & inst: X Download - Linux Mint X Download - /windows/ :: X

download.deluge-torrent.org/windows/?C=M;O=D

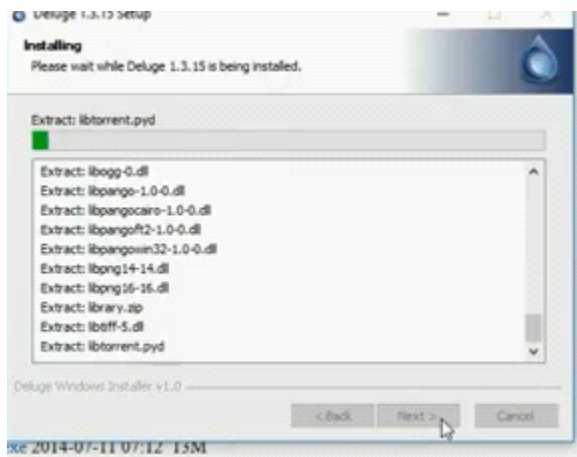
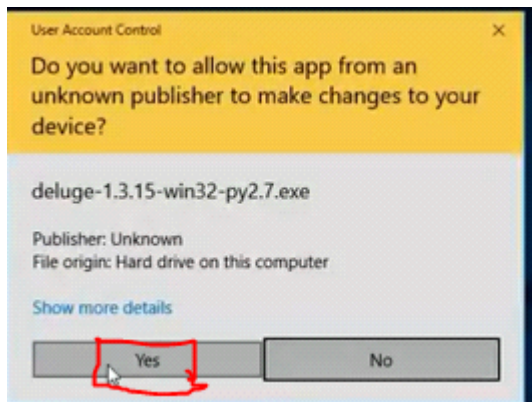
Apps Settings G New Tab

Others Apache CentOS Debian Gentoo OpenSUSE Fedora Slackware Ubuntu

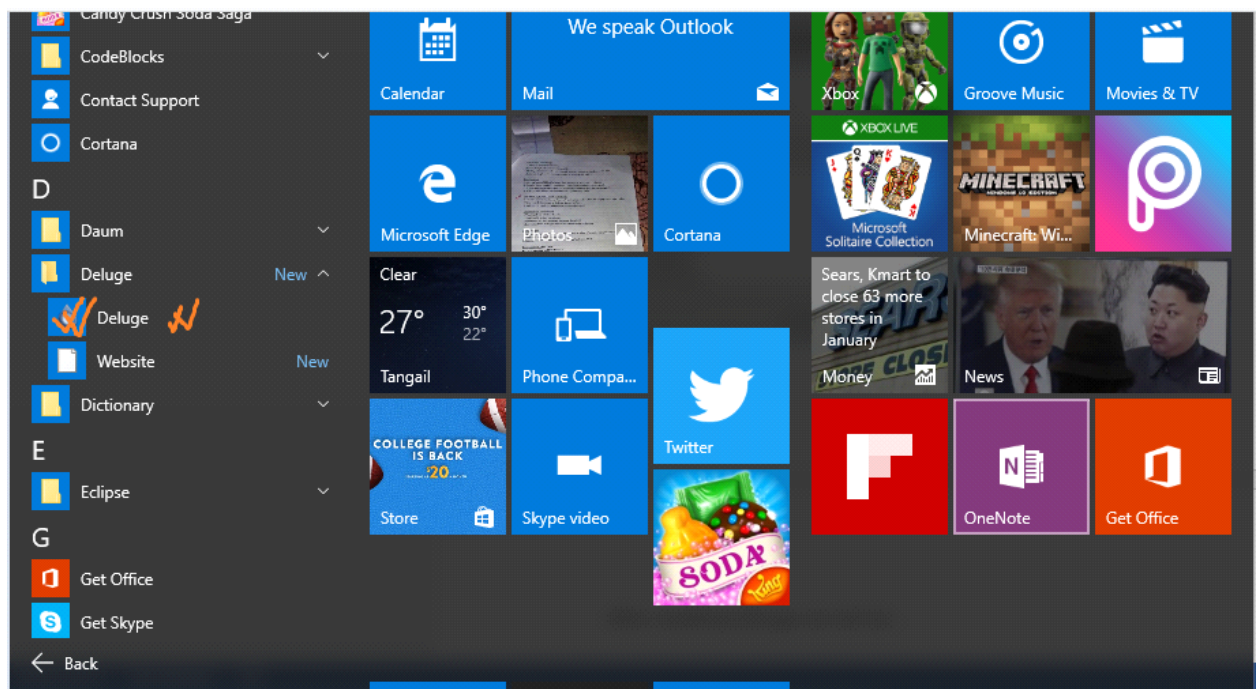
Oregon State University
Open Source Lab

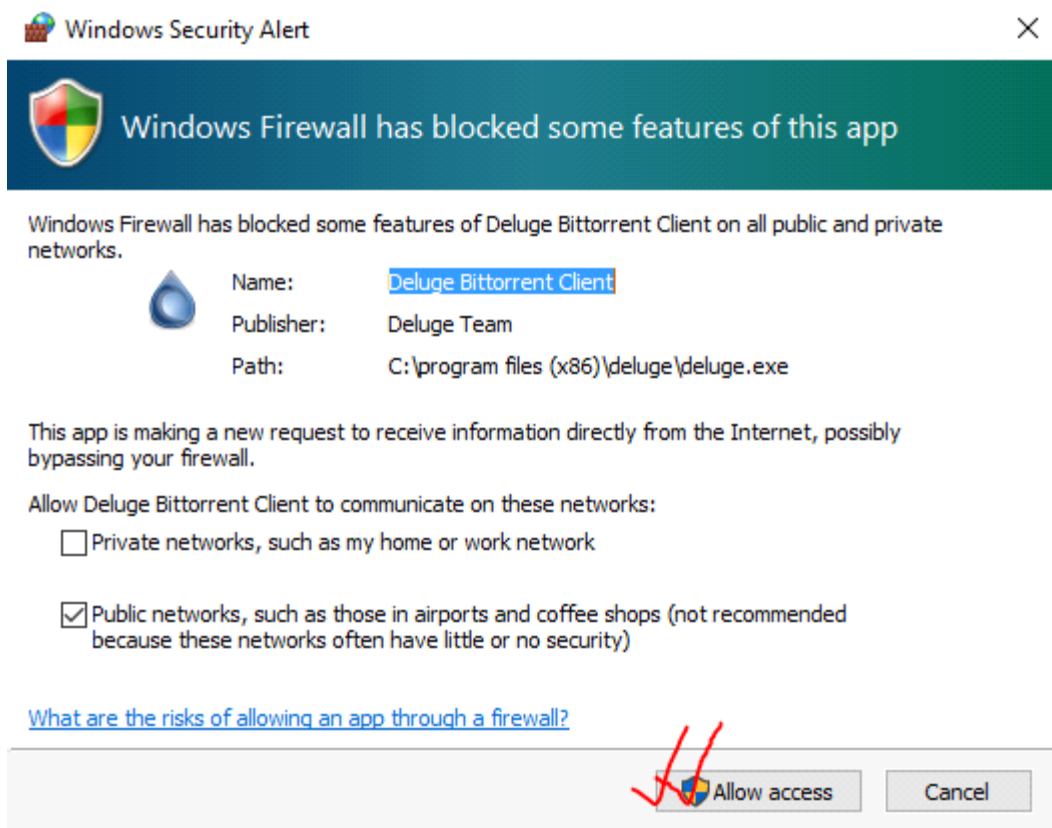
Name	Last modified	Size	Description
Parent Directory	-	-	-
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deluge-1.3.14-win32-py2.7.exe	2017-03-06 11:22	15M	
deluge-1.3.13-win32-py2.7-0.exe	2016-07-20 22:47	15M	
deluge-1.3.12-1-win32-py2.7-setup.exe	2015-09-19 22:56	14M	
deluge-1.3.12-1-win32-py2.6-setup.exe	2015-09-19 22:51	14M	
deluge-1.3.12-win32-py2.6-setup.exe	2015-09-13 21:13	15M	
deluge-1.3.12-win32-py2.7-setup.exe	2015-09-13 21:08	15M	
deluge-1.3.11-win32-py2.7-setup.exe	2014-11-30 22:53	13M	
deluge-1.3.11-win32-setup.exe	2014-11-30 22:45	13M	
deluge-1.3.10-win32-py2.7-setup.exe	2014-10-15 23:30	13M	
deluge-1.3.10-win32-setup.exe	2014-10-15 23:23	13M	
deluge-1.3.9-win32-setup.exe	2014-10-04 23:13	13M	
deluge-1.3.9-win32-py2.7-setup.exe	2014-10-04 23:06	13M	
deluge-1.3.8-win32-py2.7-setup.exe	2014-10-04 17:20	13M	
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deluge-1.3.7-win32-py2.7-setup.exe	2014-08-25 15:00	13M	
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deluge-1.3.7-win32-py2.7-setup-ltr0.16.16.exe	2014-07-11 07:12	13M	
deluge-1.3.6-win32-py2.7-ltr0.16.8.exe	2013-03-31 21:08	13M	

Download and the try for running.

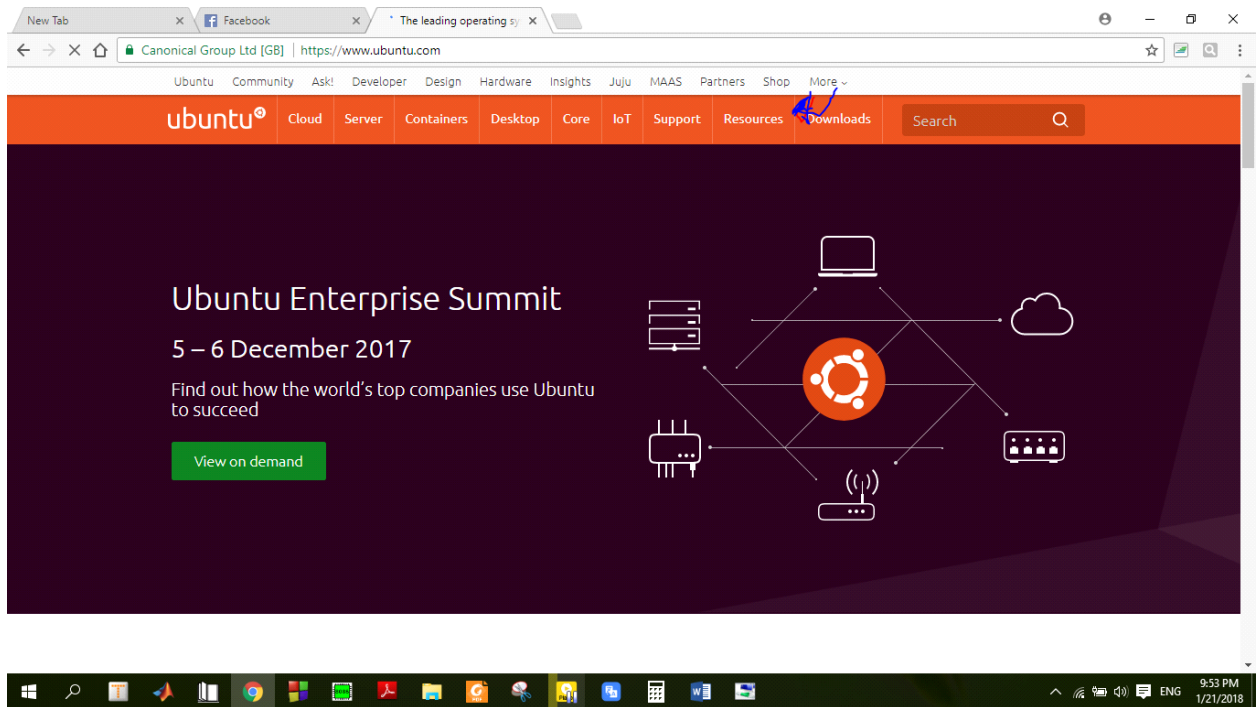


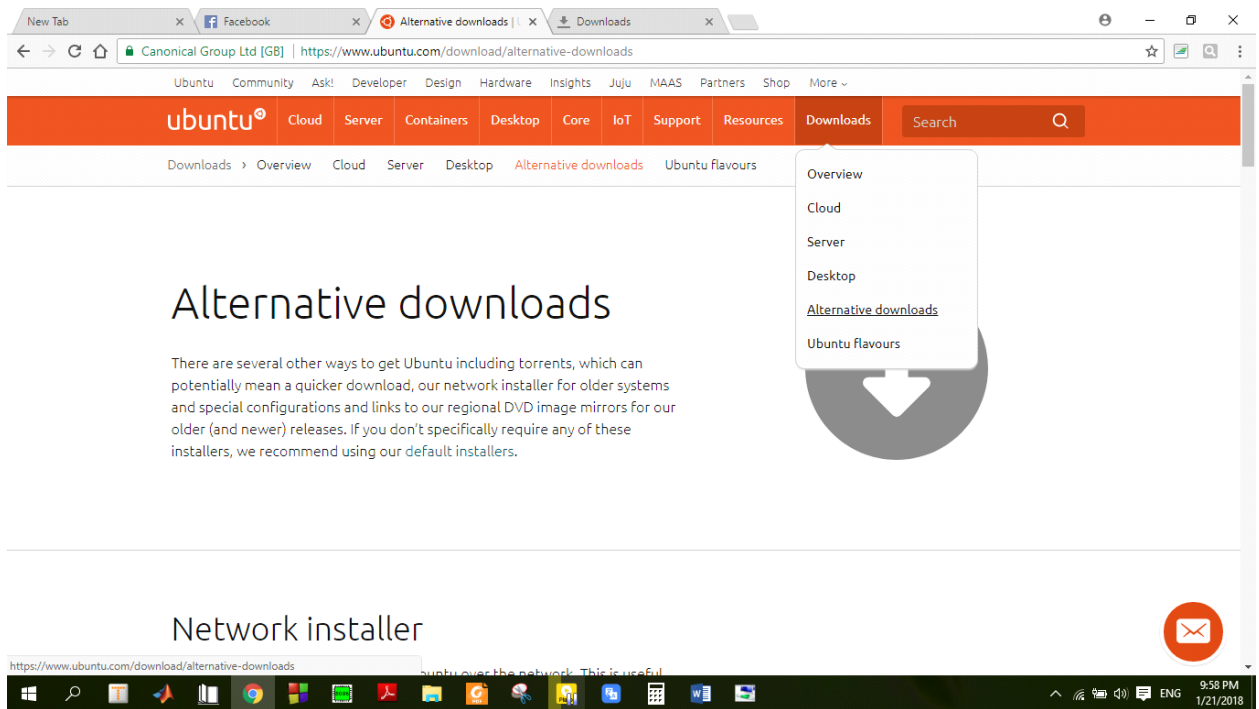
After installing Deluge we will do...



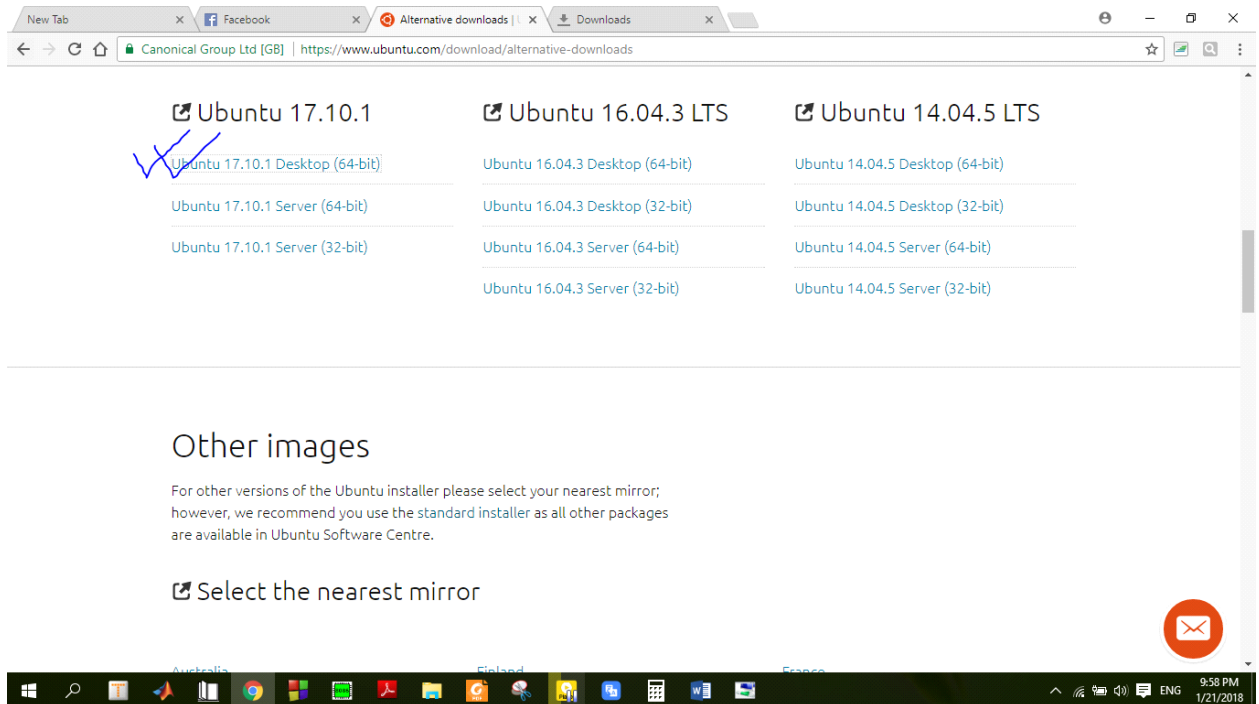


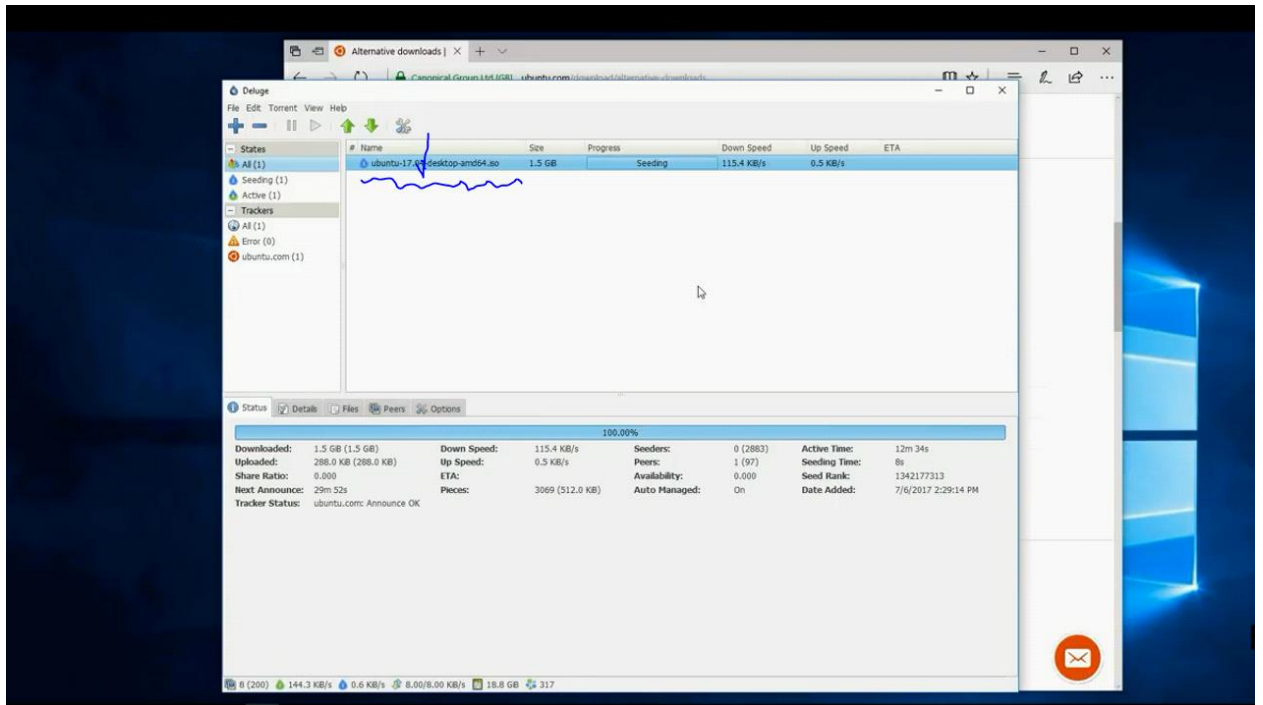
Then we download linux mint





Then we will open it through deluge

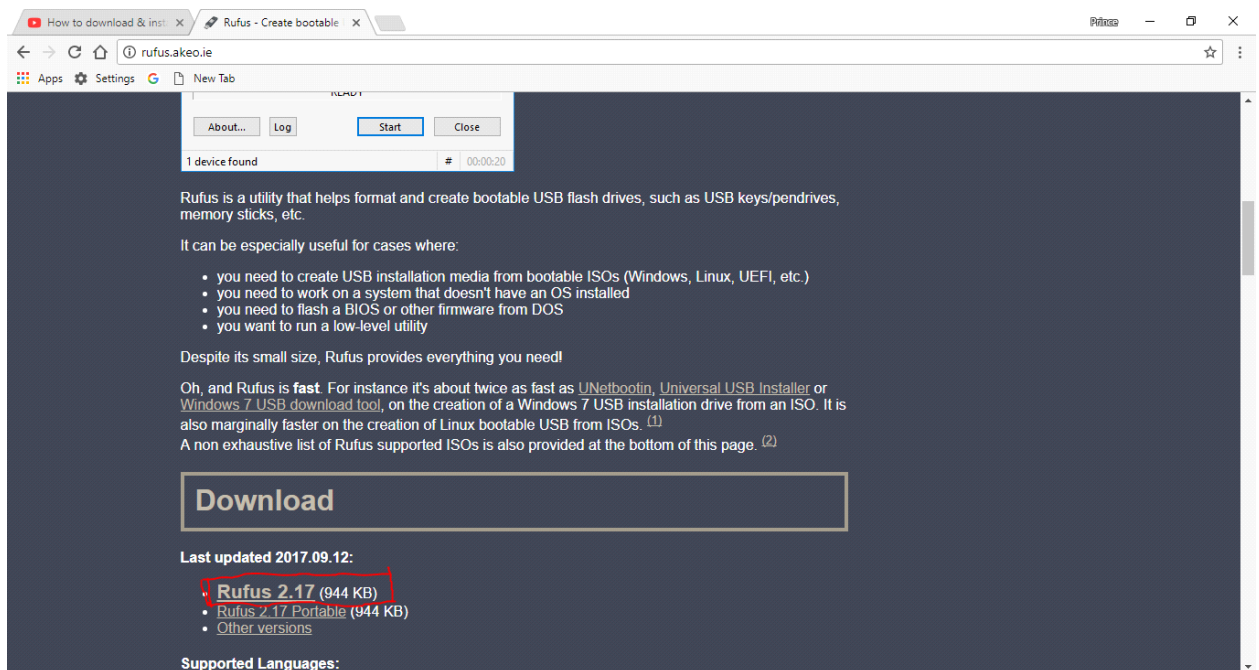
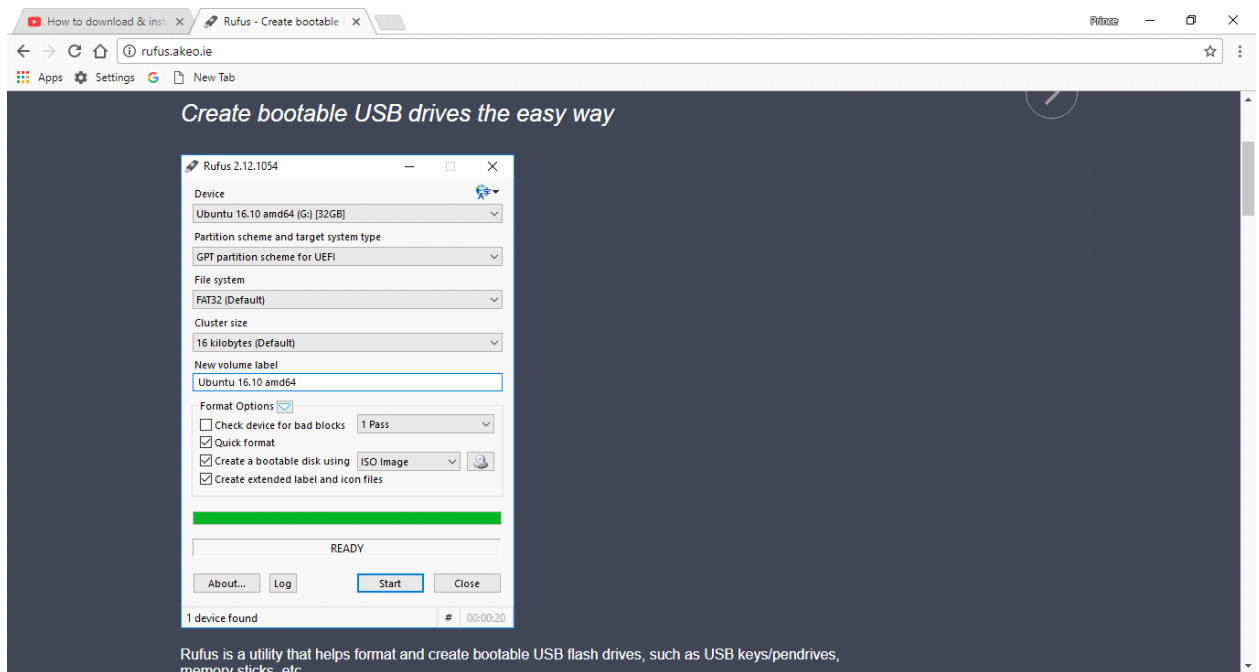




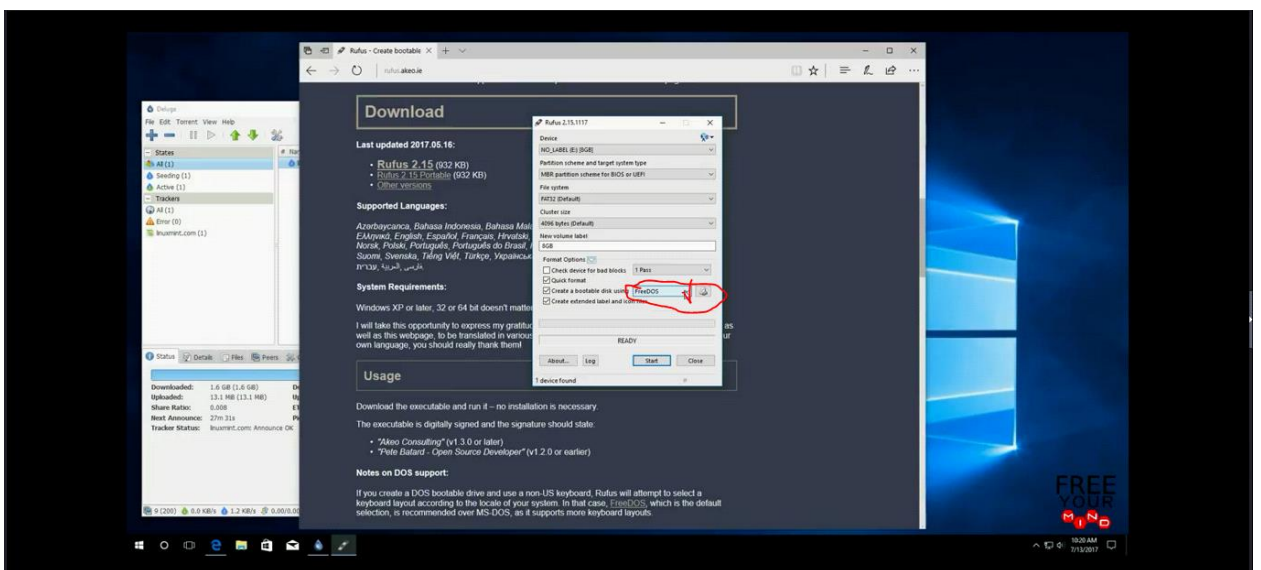
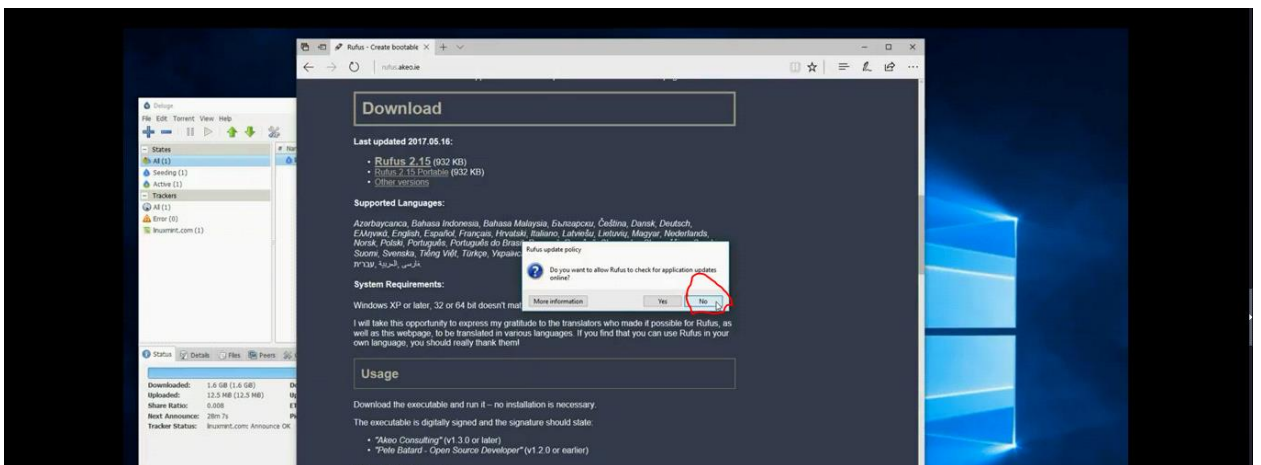
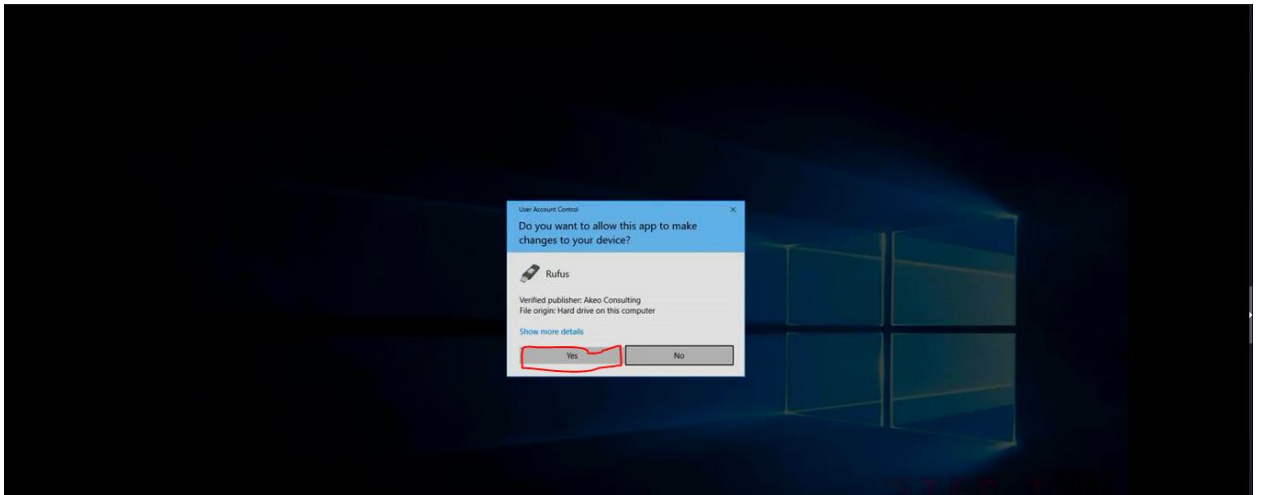
STEP 02 && 03:

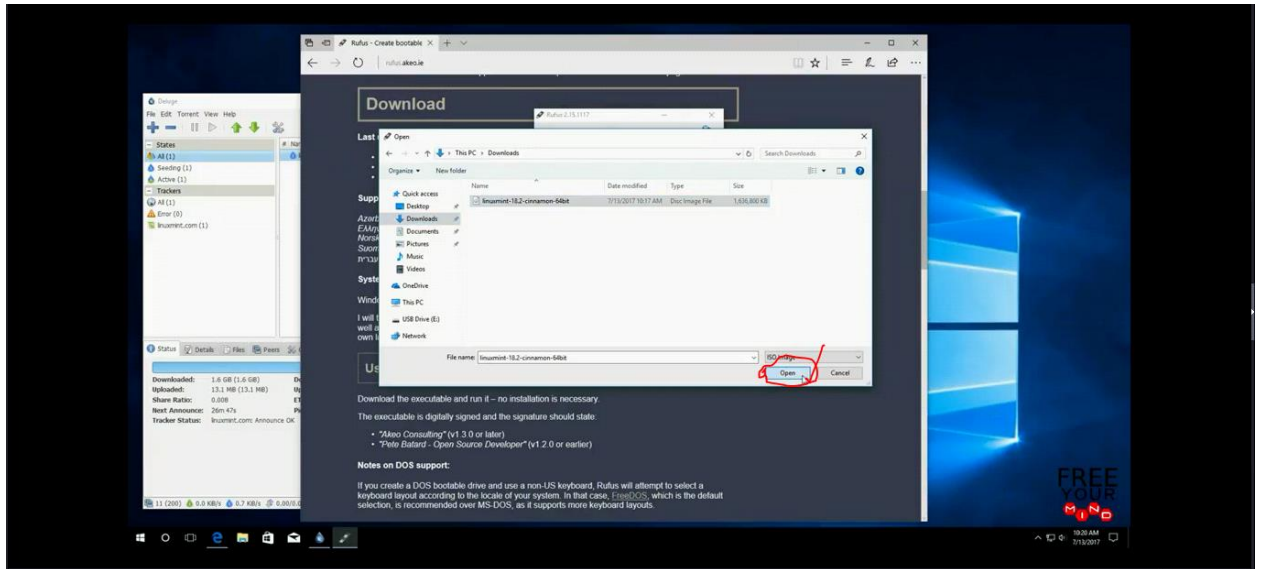
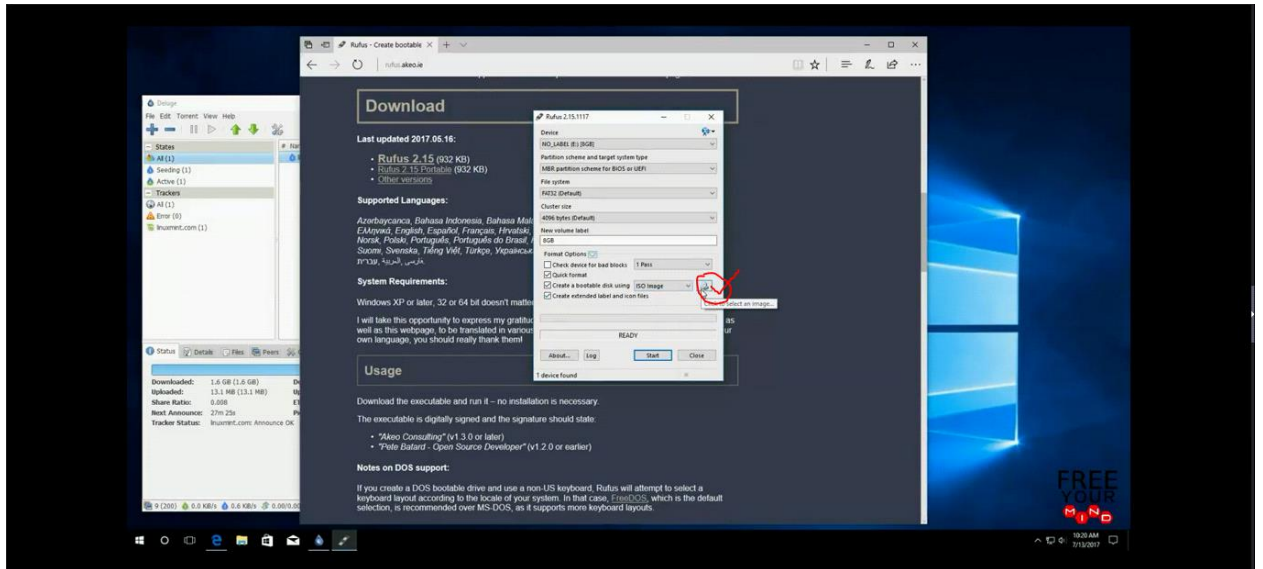
We will install Rufus.

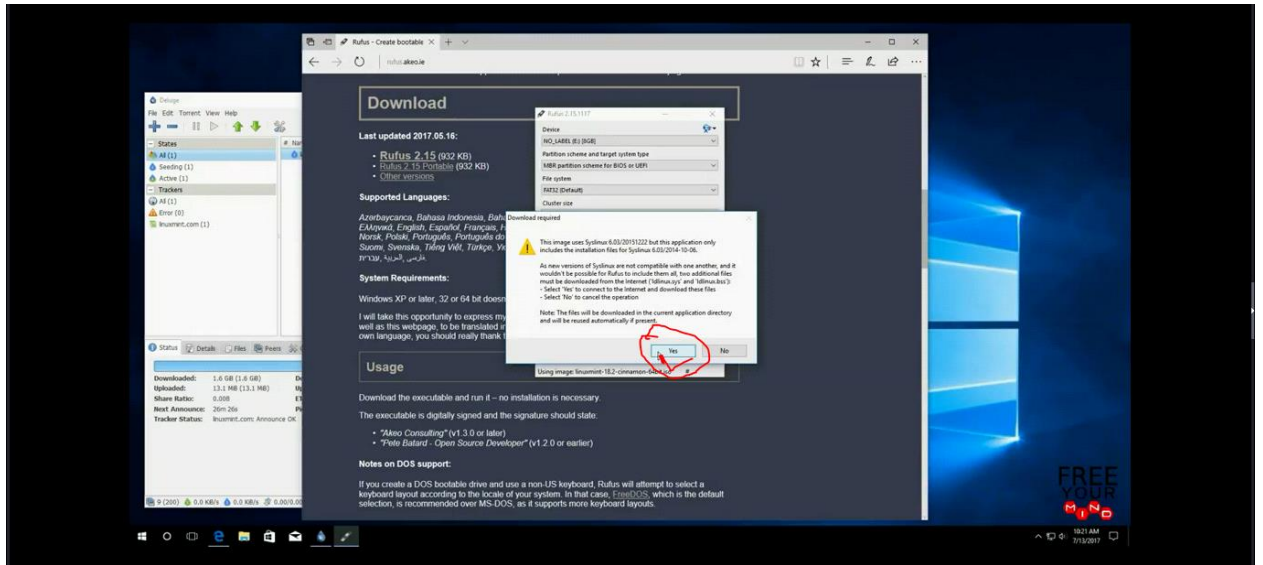
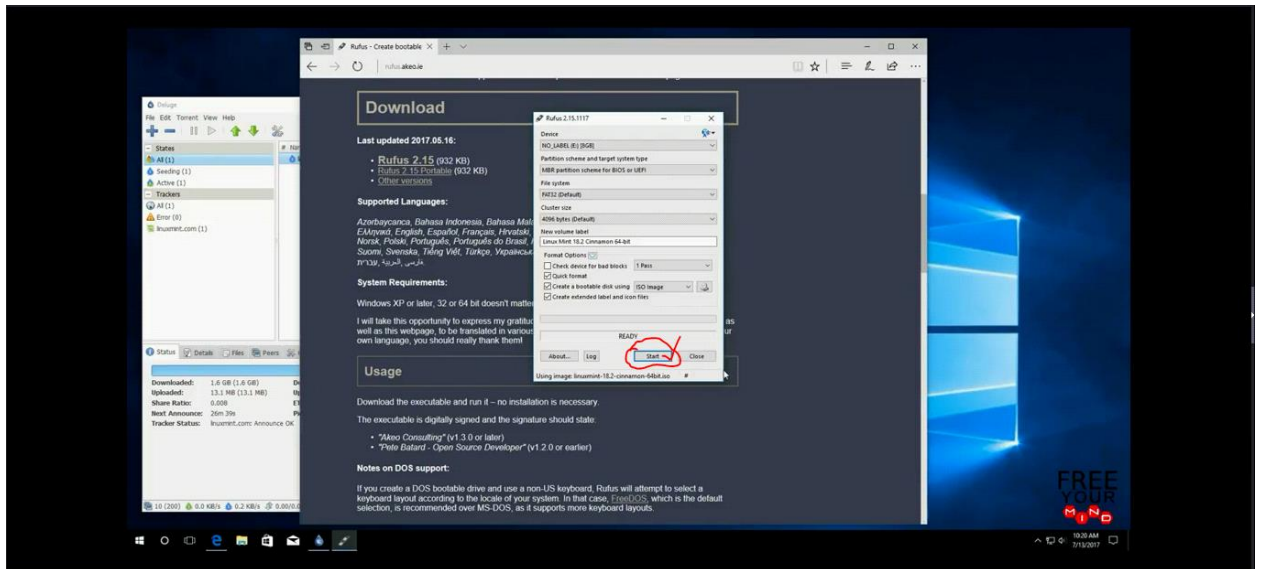
Before installing Rufus connect a USB flash drive with pc.

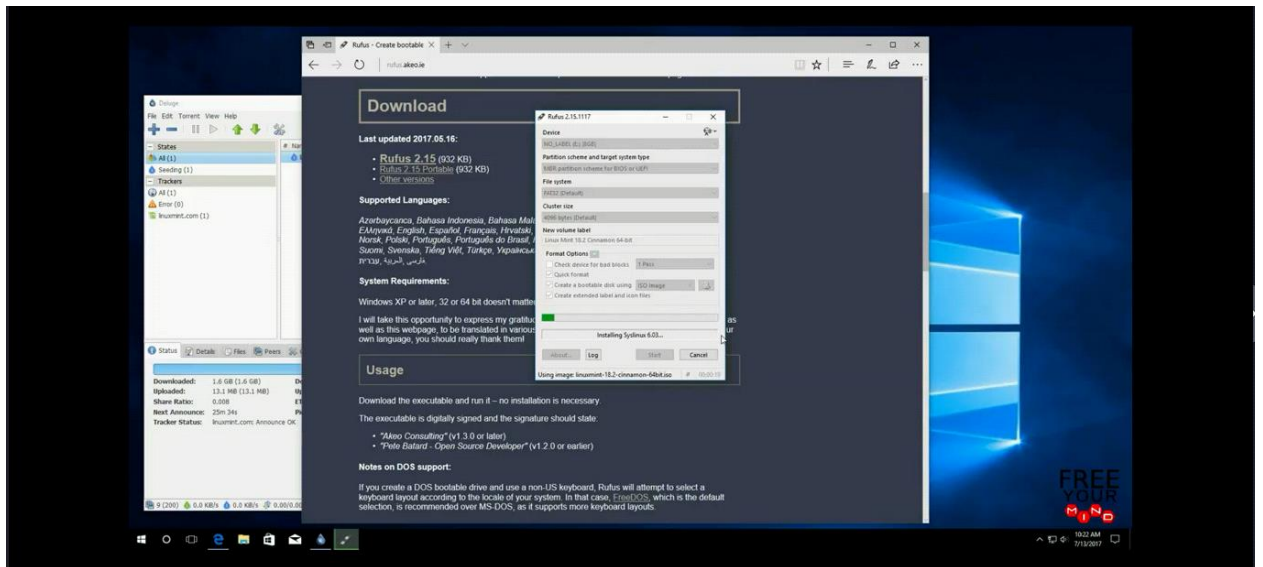
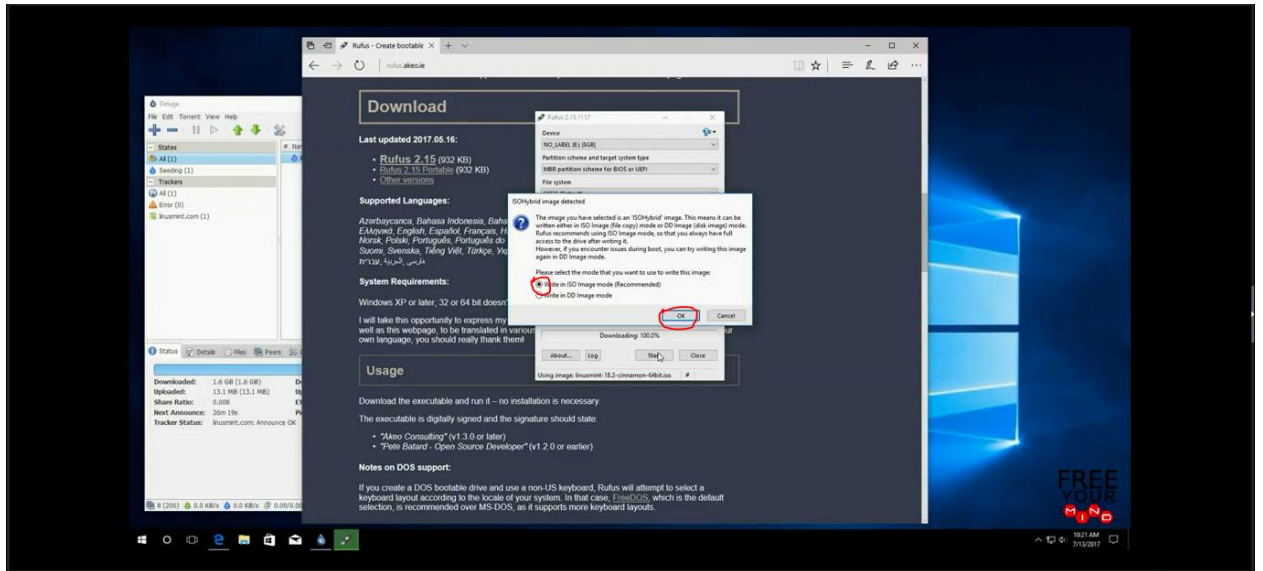


After Download the Rufus then we Run it. Then







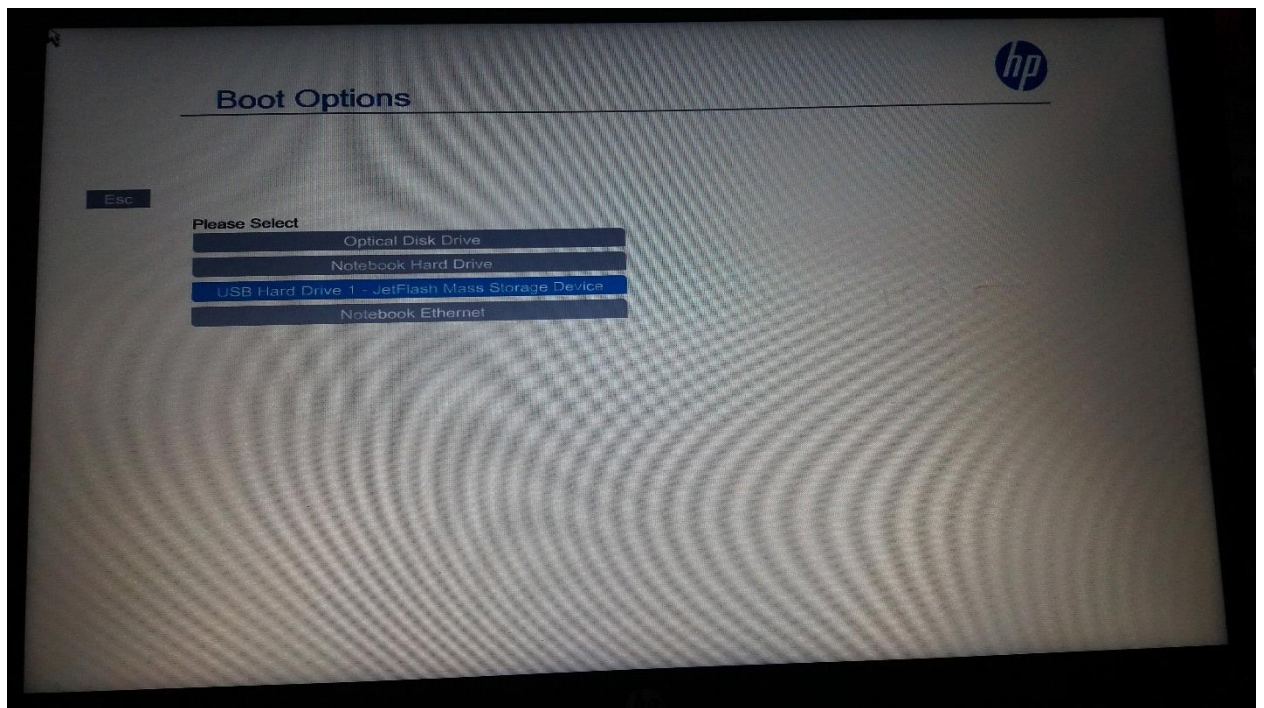


Step 2 and 3 has finished.

Now we can Restart the pc.

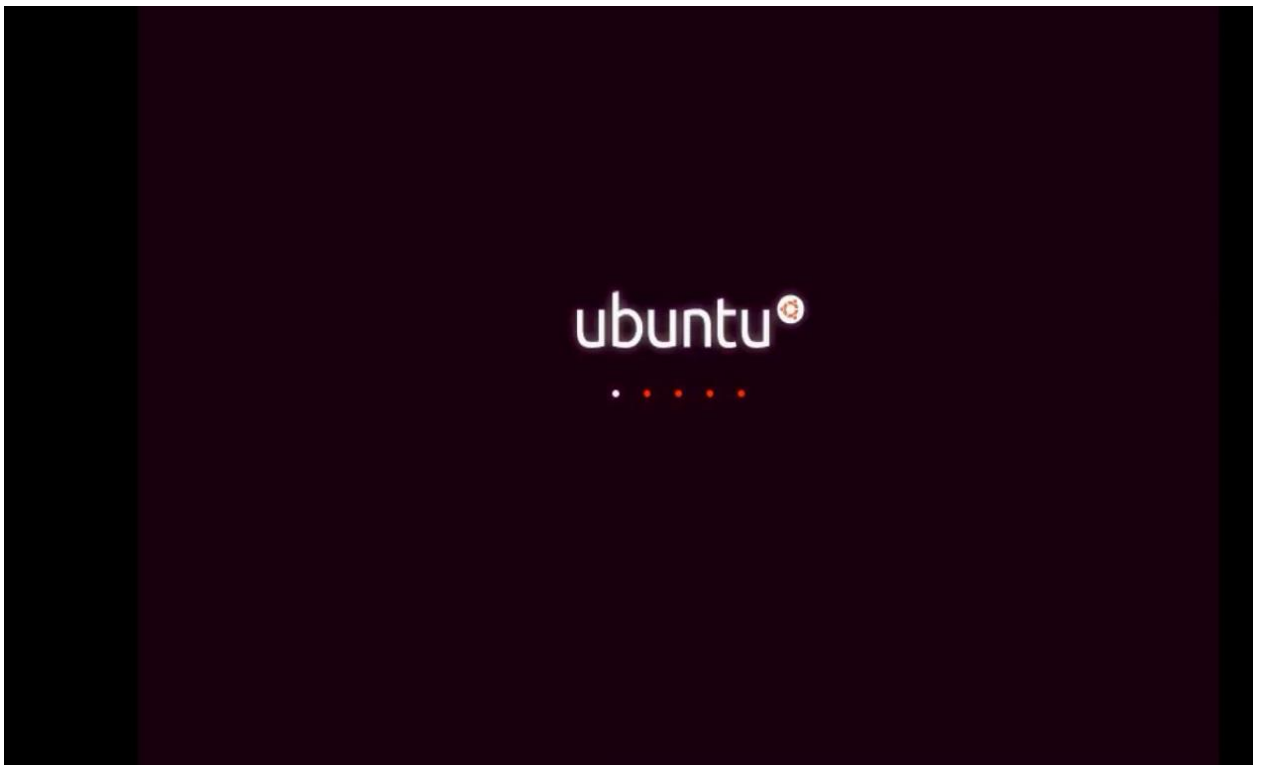
Step 04:

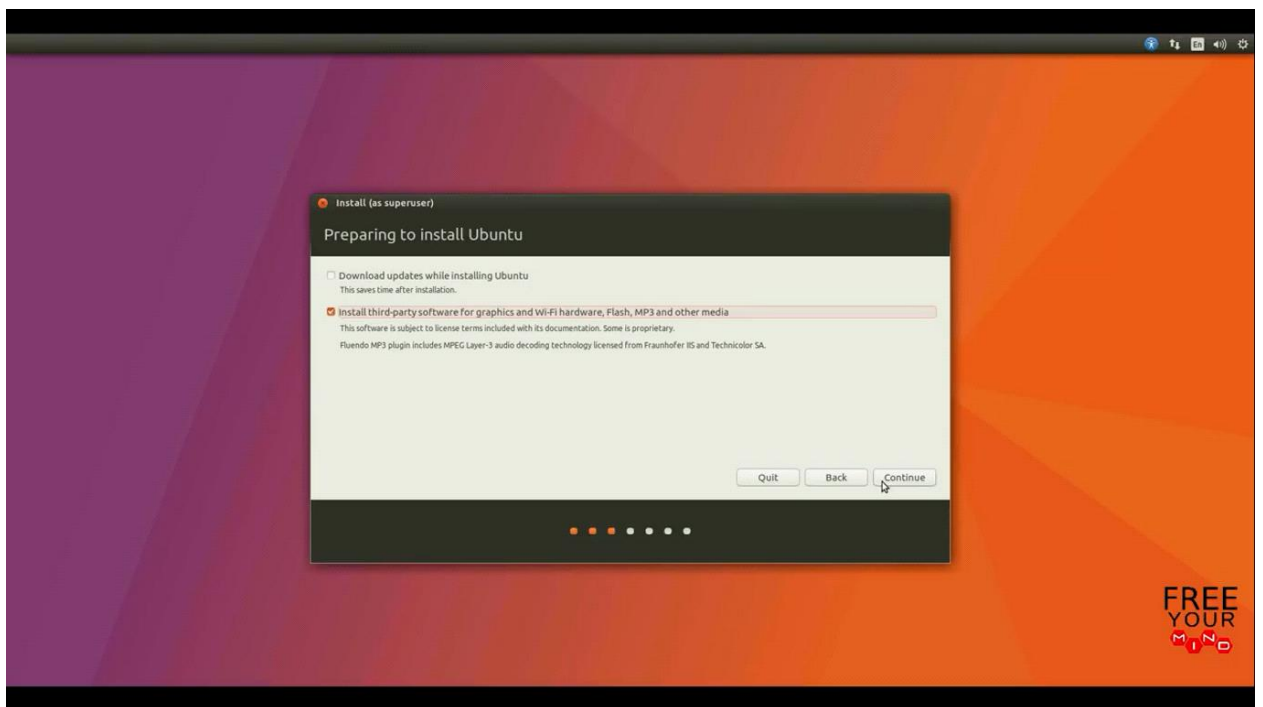
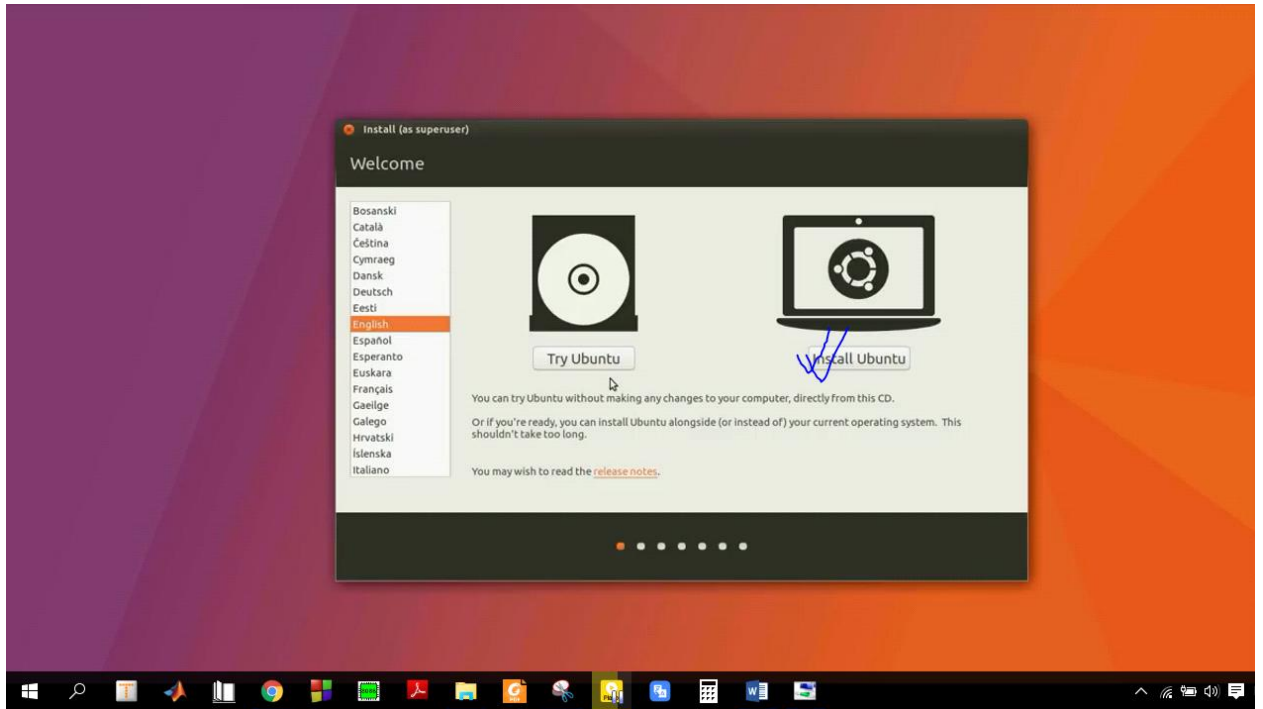
Boot Linux-Mint From USB .

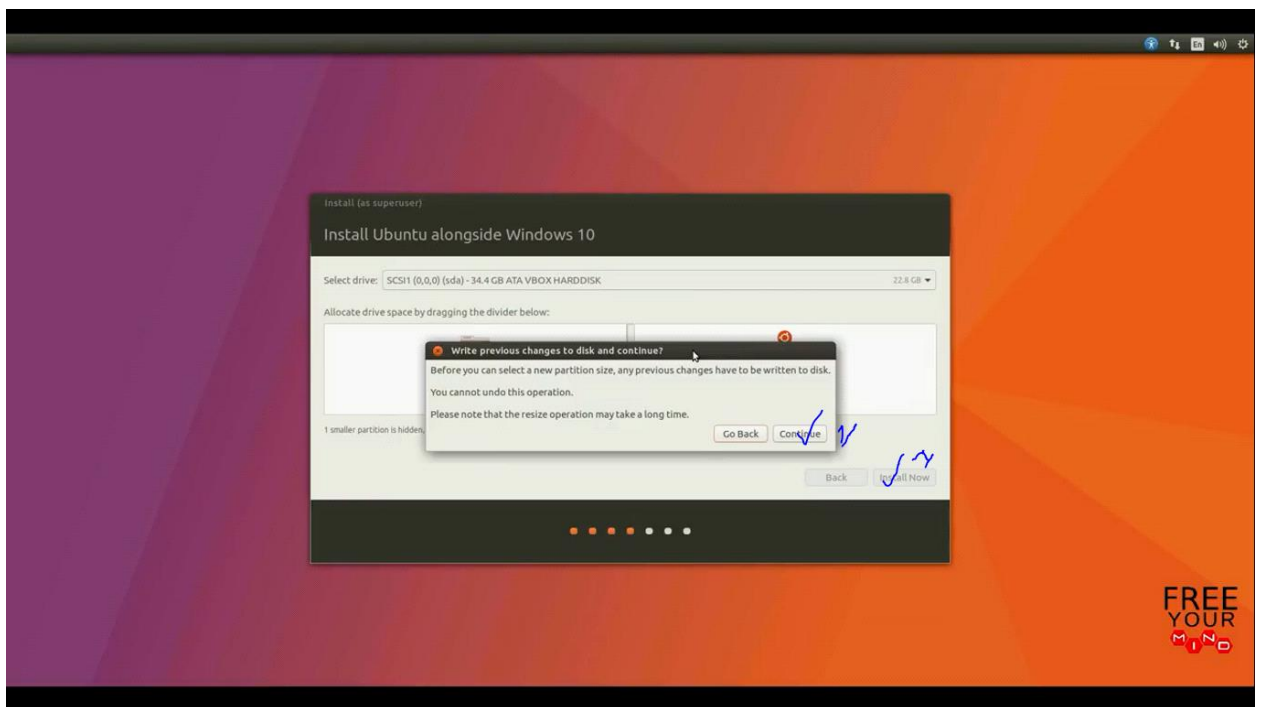
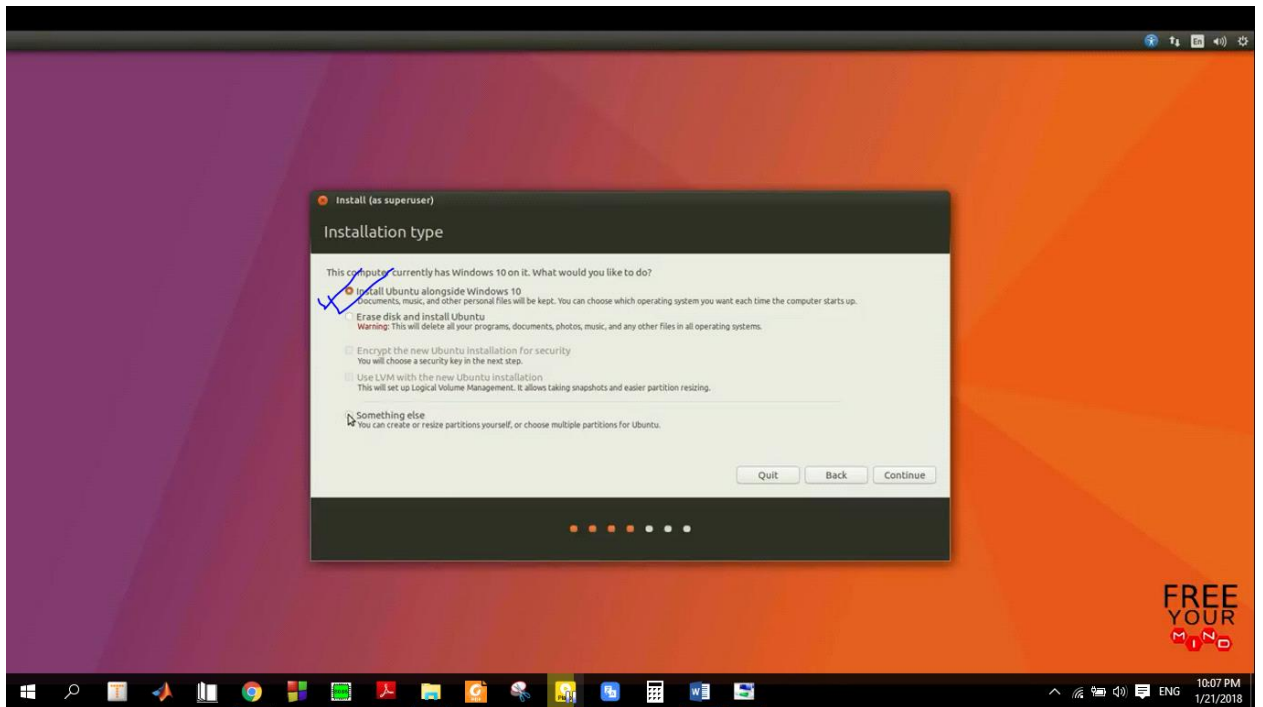


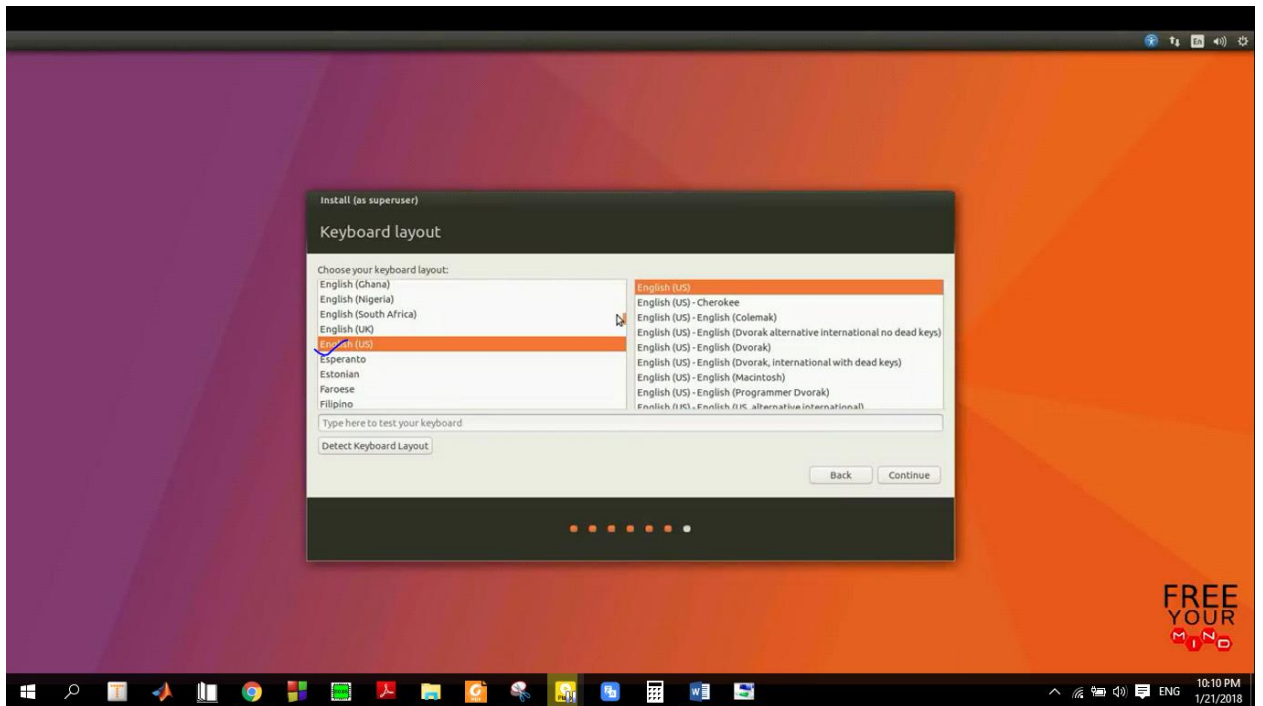
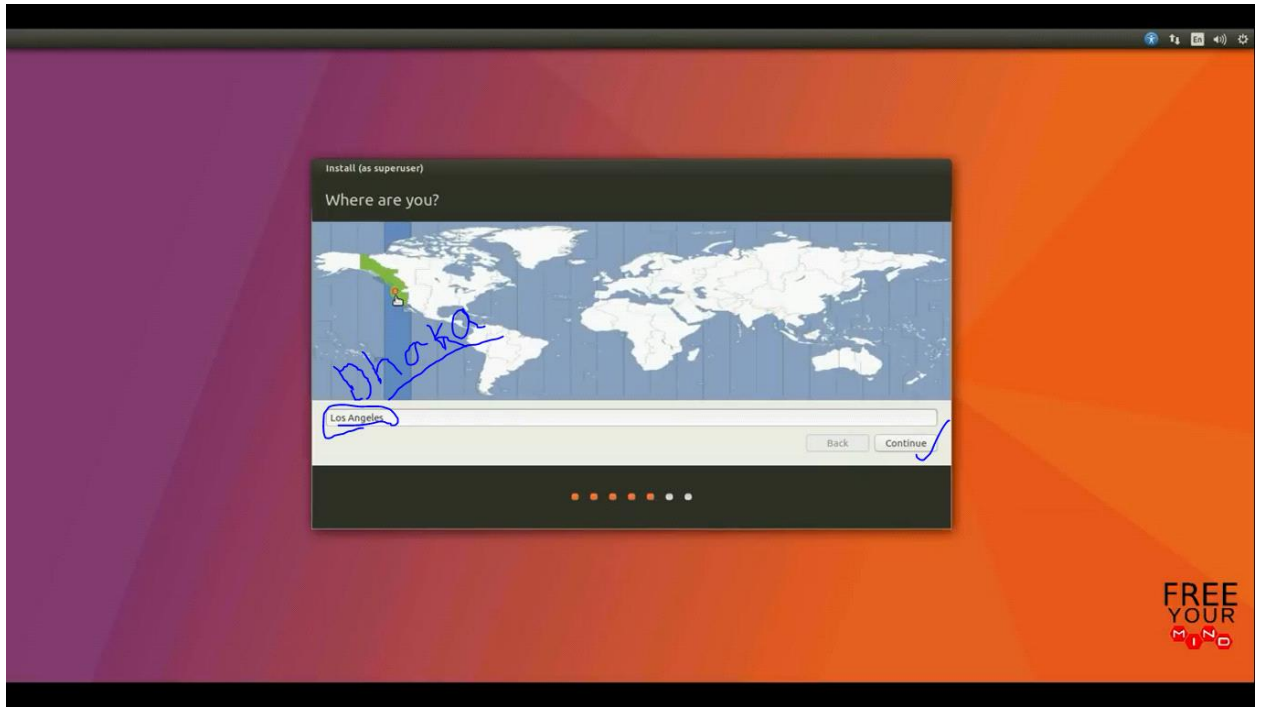
Now press enter button.

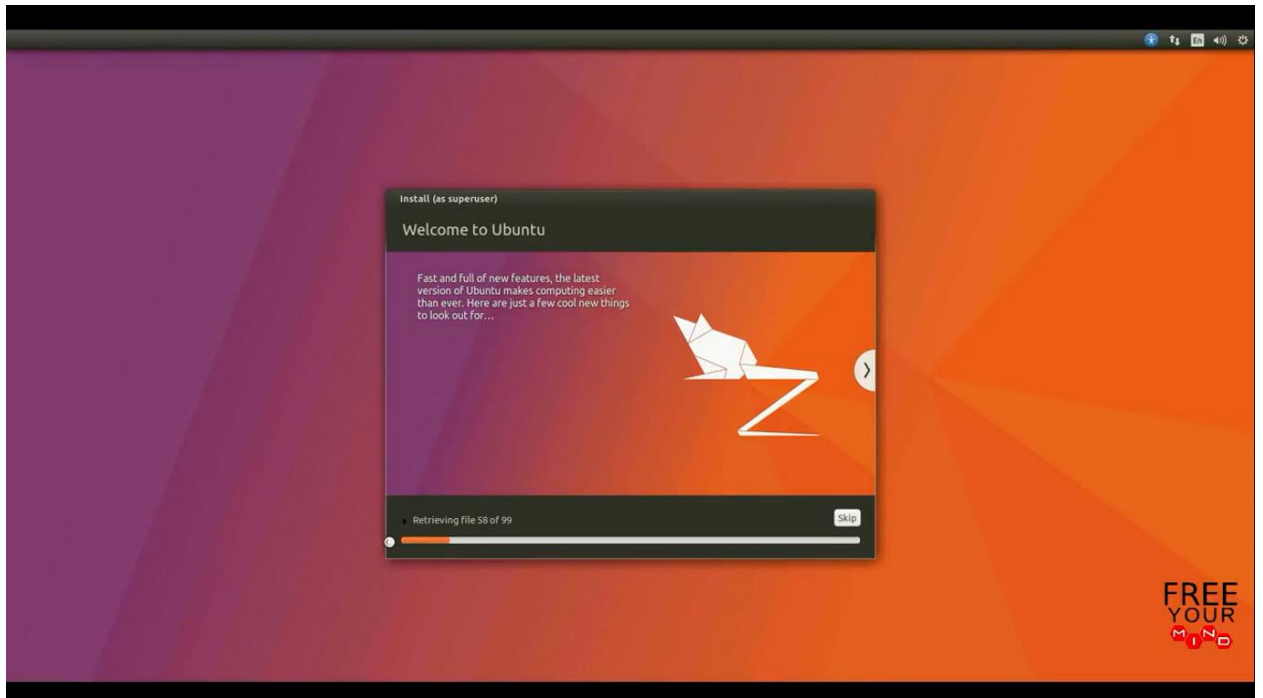
Step 05: Install Linux-ubuntu











Conclusion: Finally i install the linux from the help of online video and different blog . Actually it is Linux-mint 18.2 'Sonya' cinnamon.

