Mawlana Bhashani Science And Technology University

Lab-Report

Report No : 01

Course Code : ICT-3110

Course Title : Operating System Lab

Date of Performance :

Date of Submission : 16/09/2020

Submitted By:

Name:Md Abdur Rahim

ID:IT-18024

3rd Year 1st Semester

Session : 2017-18

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)

Aim and Object:

There are different types of Operating system. Some examples include versions of <u>Microsoft Windows</u> (like <u>Windows 10</u>, <u>Windows 8</u>, <u>Windows 7</u>, <u>Windows Vista</u>, and <u>Windows XP</u>), <u>Apple's macOS</u> (formerly OS X), <u>iOS</u>, 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:

      i)   Linux is Free an Open Source.

      i)   Linux can run low Hardware machines too.

      ii)   Well supported.

      iii)   Lots of Flavors.

      iv)   Good security.

<u>Experiment Setup:</u> 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.
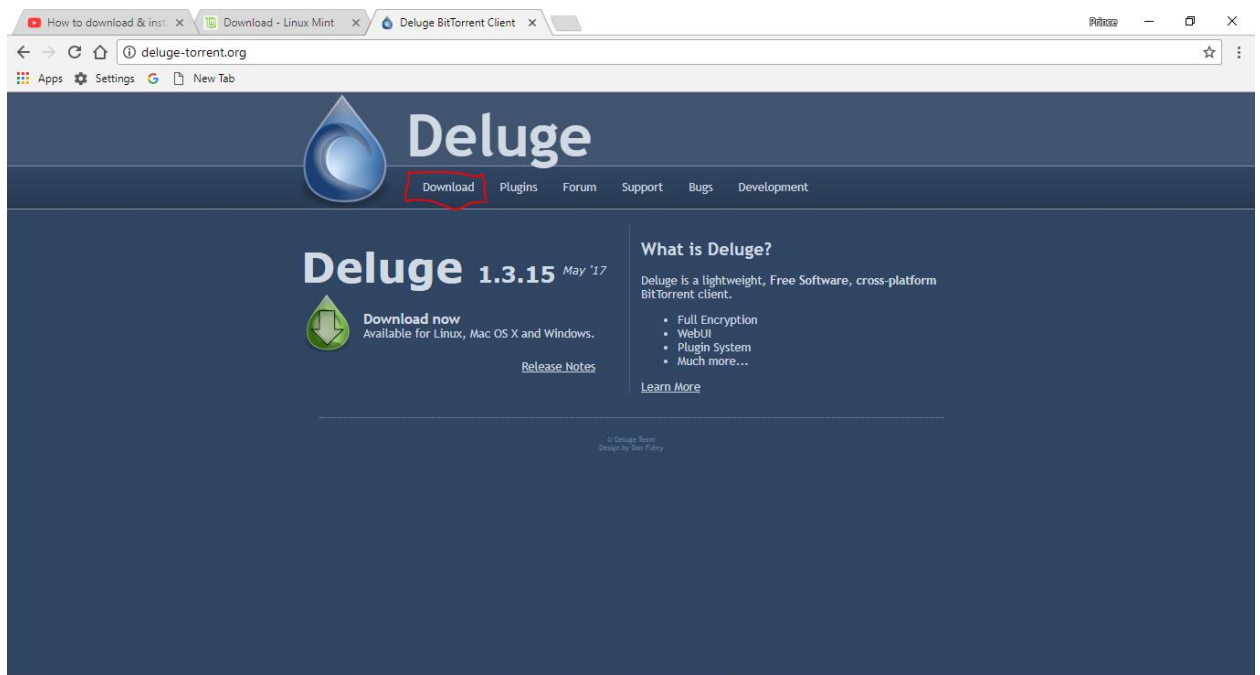
5 steps to Dual-Booting:

      1)   Download the Linux Mint operating system (in an iso file format) from Linux ubuntu website.

      1)   Downloads Rufus (a program for creating boot-able USB flash drives).

      2)   Use Rufus to create a boot-able USB flash drive and copy Linux Mint onto it.

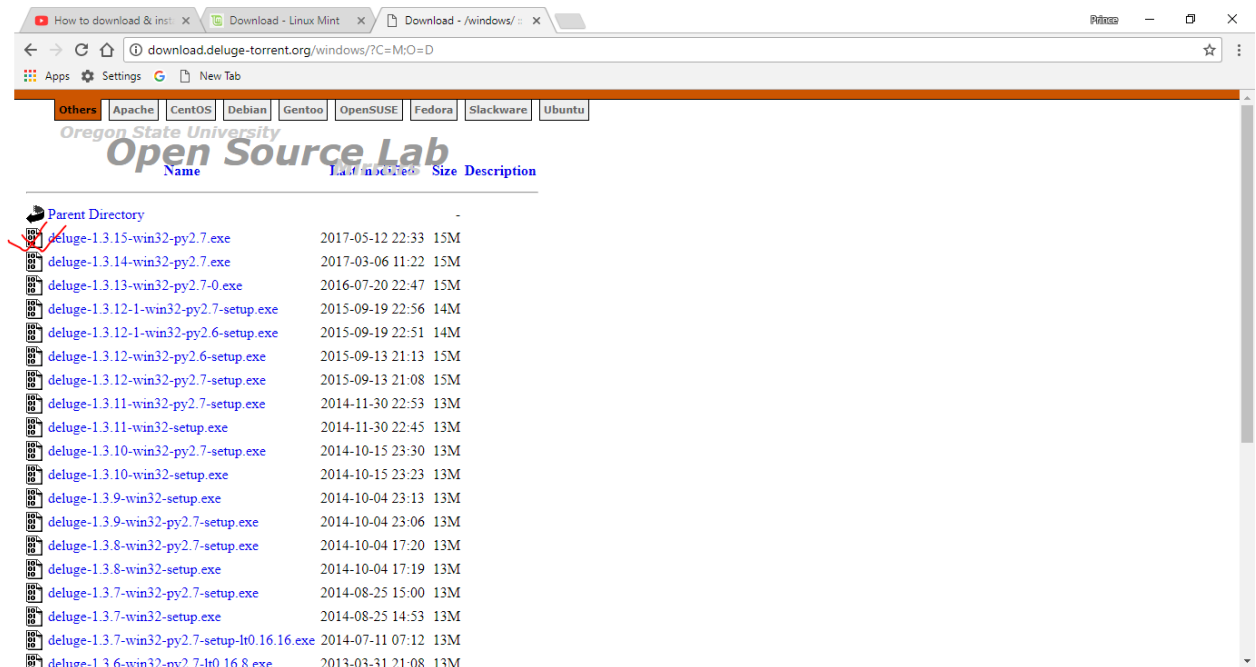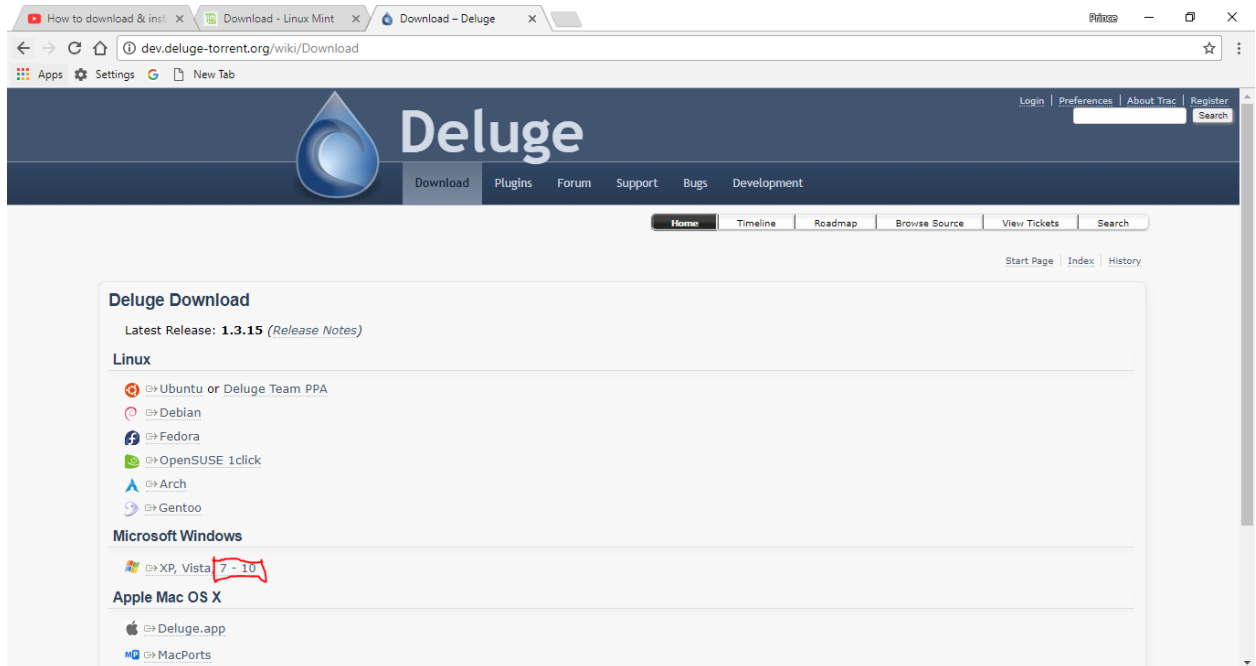   3)   Restart your pc and load Linux Ubuntu from your USB flash drive.

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 bittorent application. We will dowload it so that during downloading Linux mint no error is occured.
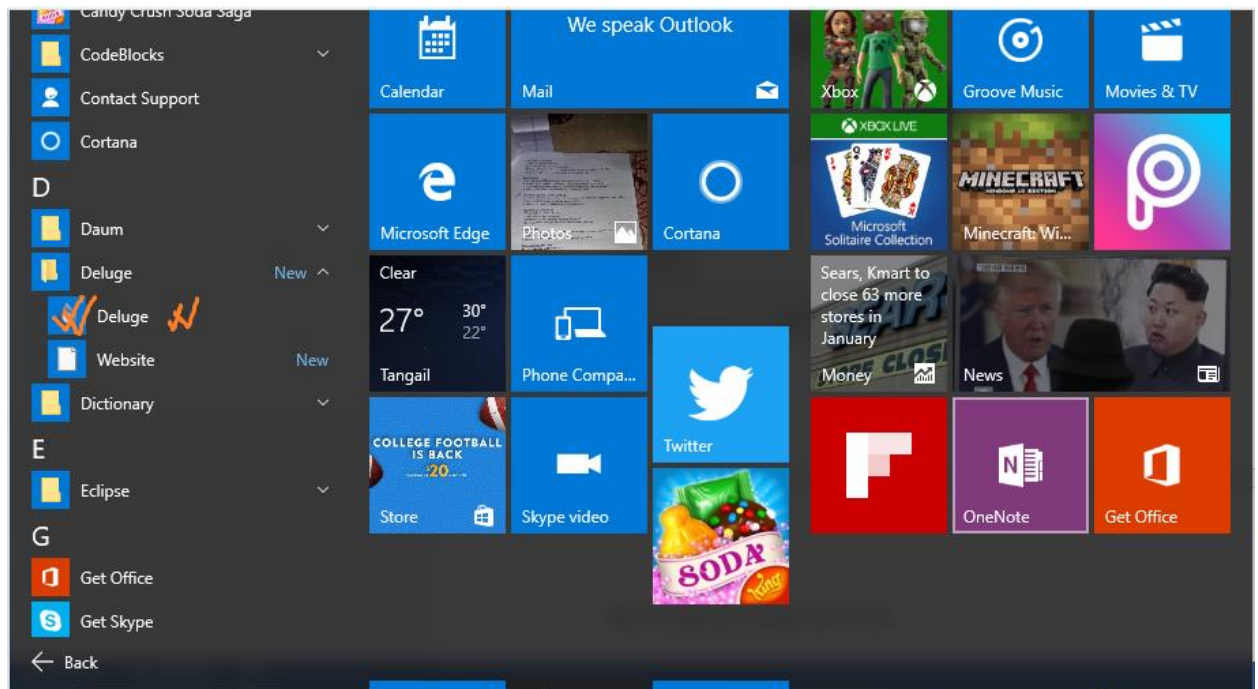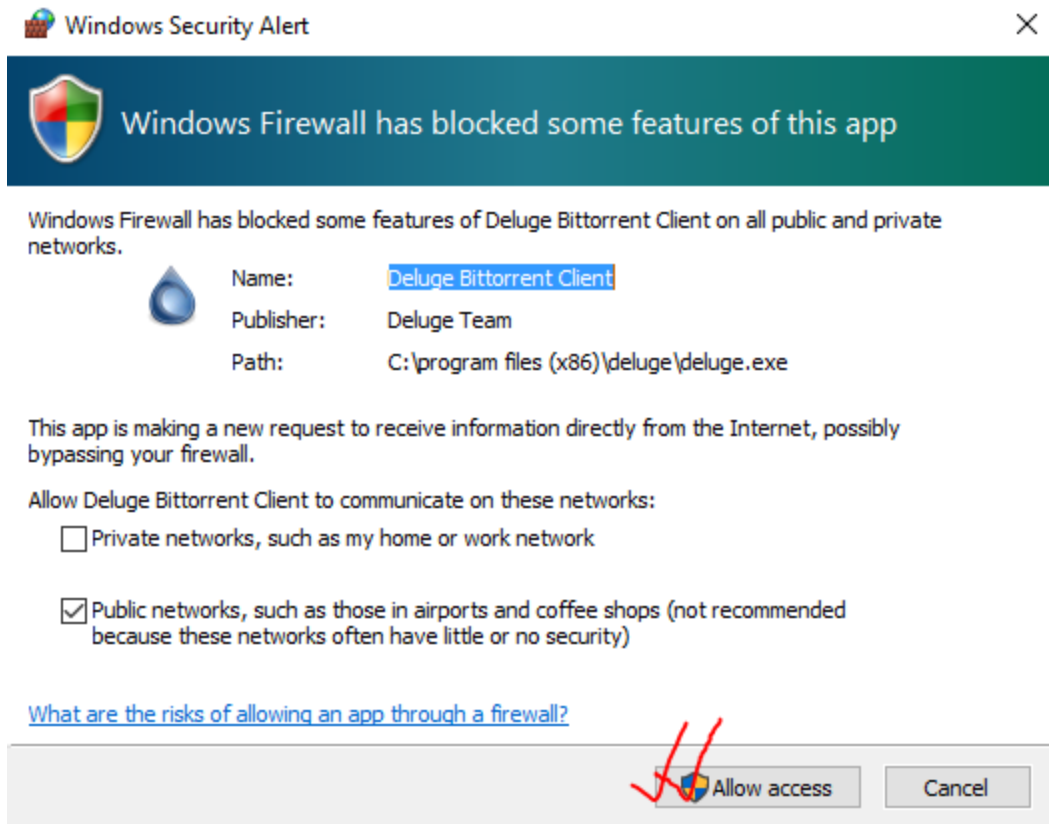
How to download & inst... Download - Linux Mint Download – Deluge

dev.deluge-torrent.org/wiki/Download

Apps Settings G New Tab

Deluge

Download Plugins Forum Support Bugs Development

Home | Timeline | Roadmap | Browse Source | View Tickets | Search

Start Page | Index | History

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... Download - Linux Mint Download - /windows/ ::

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		-	
deluge-1.3.15-win32-py2.7.exe	2017-05-12 22:33	15M	
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	
deluge-1.3.8-win32-setup.exe	2014-10-04 17:19	13M	
deluge-1.3.7-win32-py2.7-setup.exe	2014-08-25 15:00	13M	
deluge-1.3.7-win32-setup.exe	2014-08-25 14:53	13M	
deluge-1.3.7-win32-py2.7-setup-lt0.16.16.exe	2014-07-11 07:12	13M	
deluge-1.3.6-win32-py2.7-lt0.16.8.exe	2013-03-31 21:08	13M	

Download and the try for running.
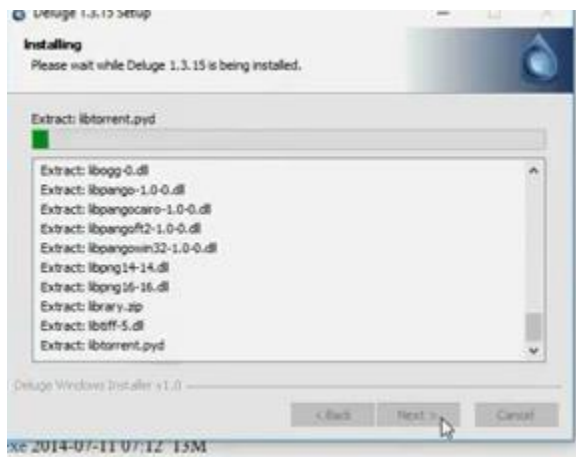
After installing Deluge we will do…

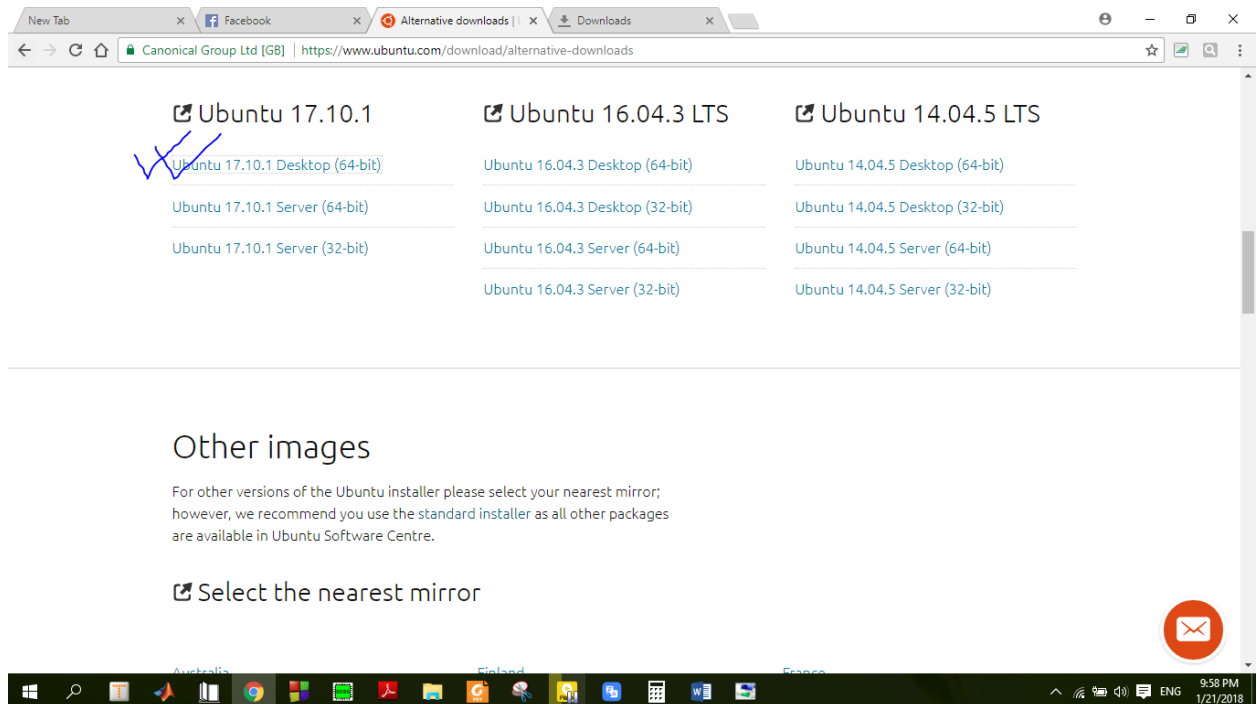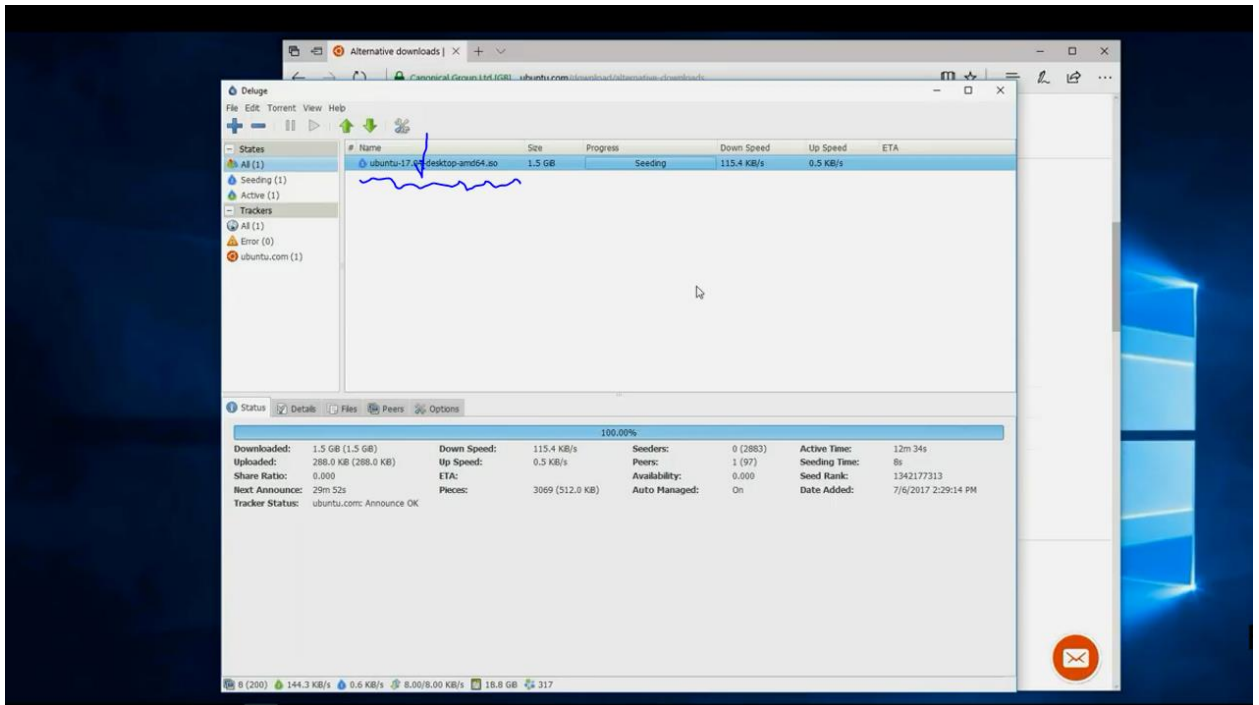Then we download linux mint
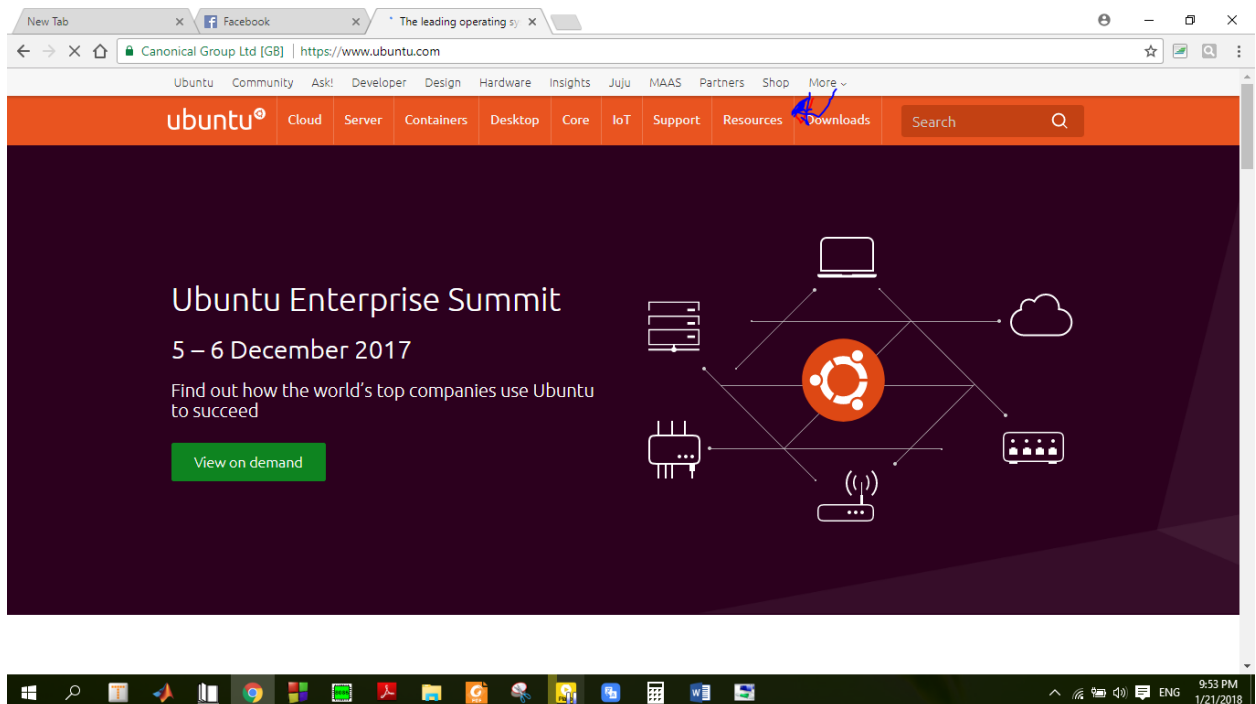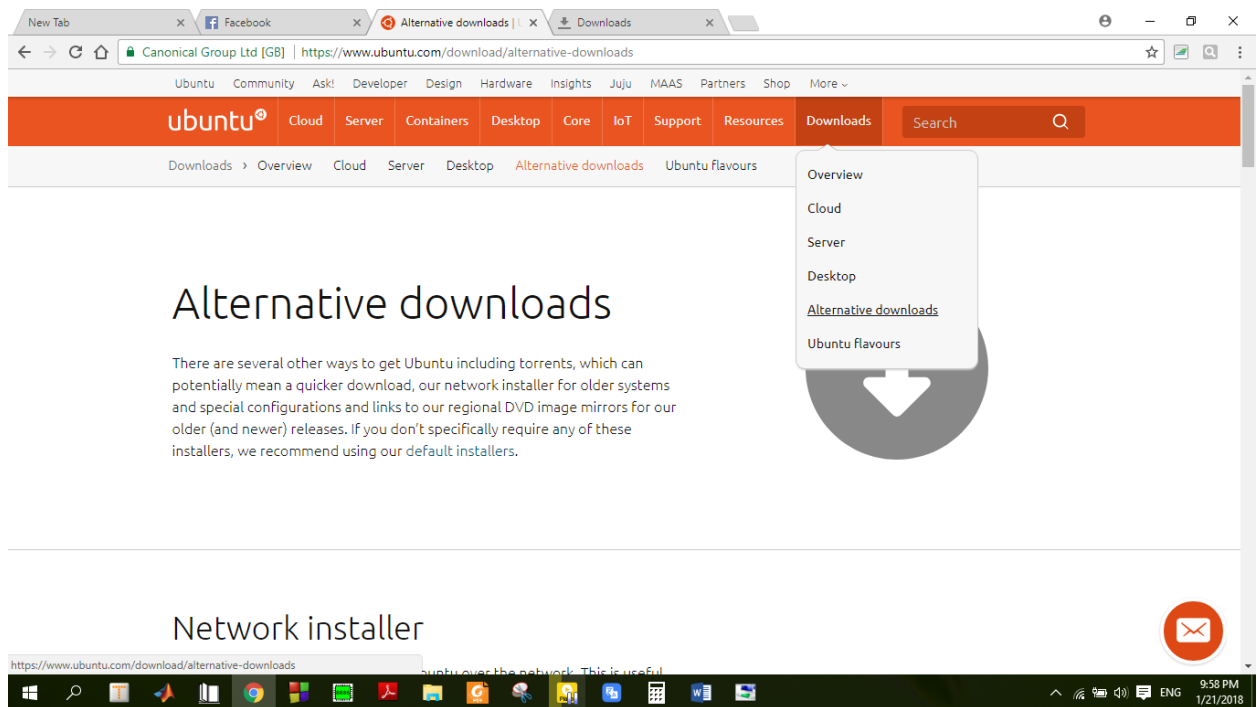
Then we will open it through deluge

STEP 02 && 03:

We will install Rufus.
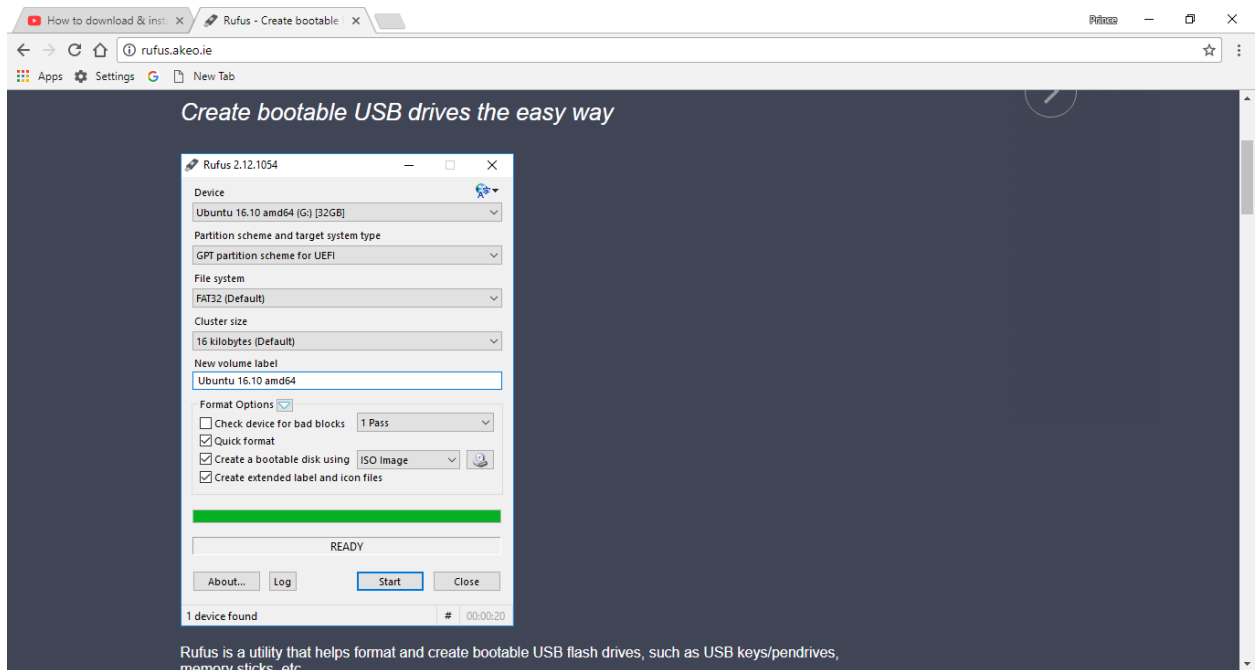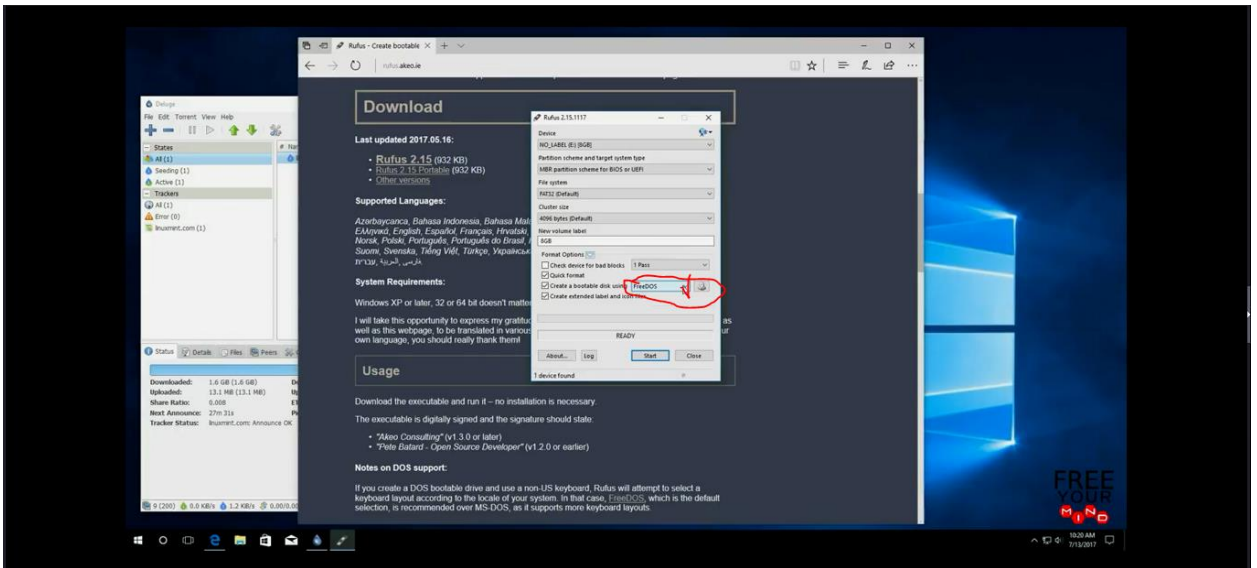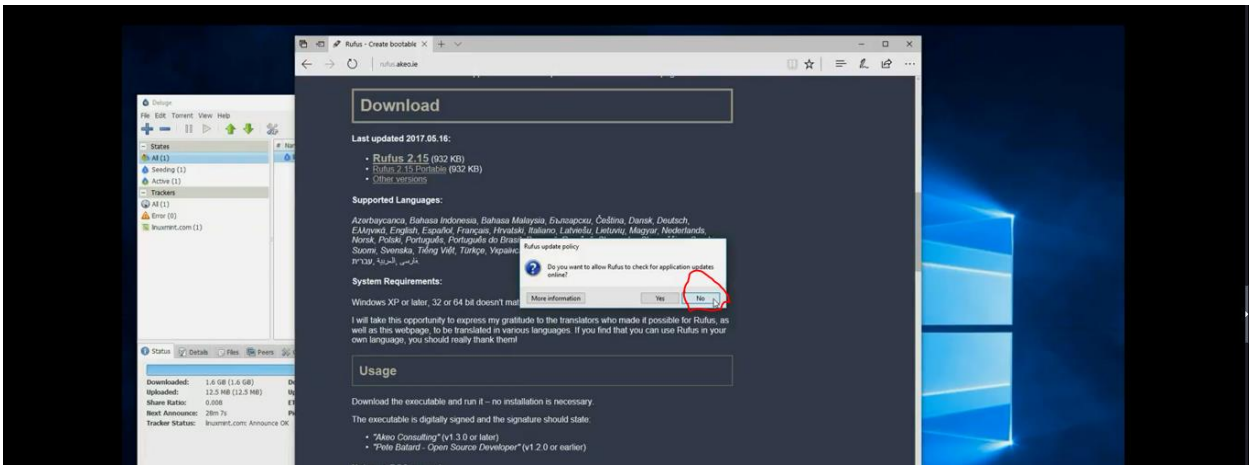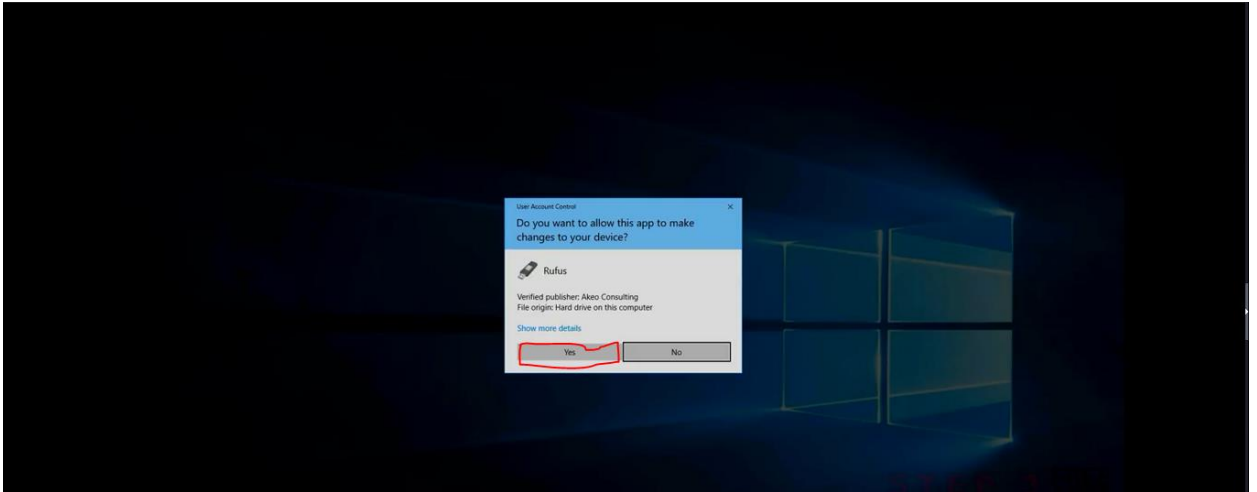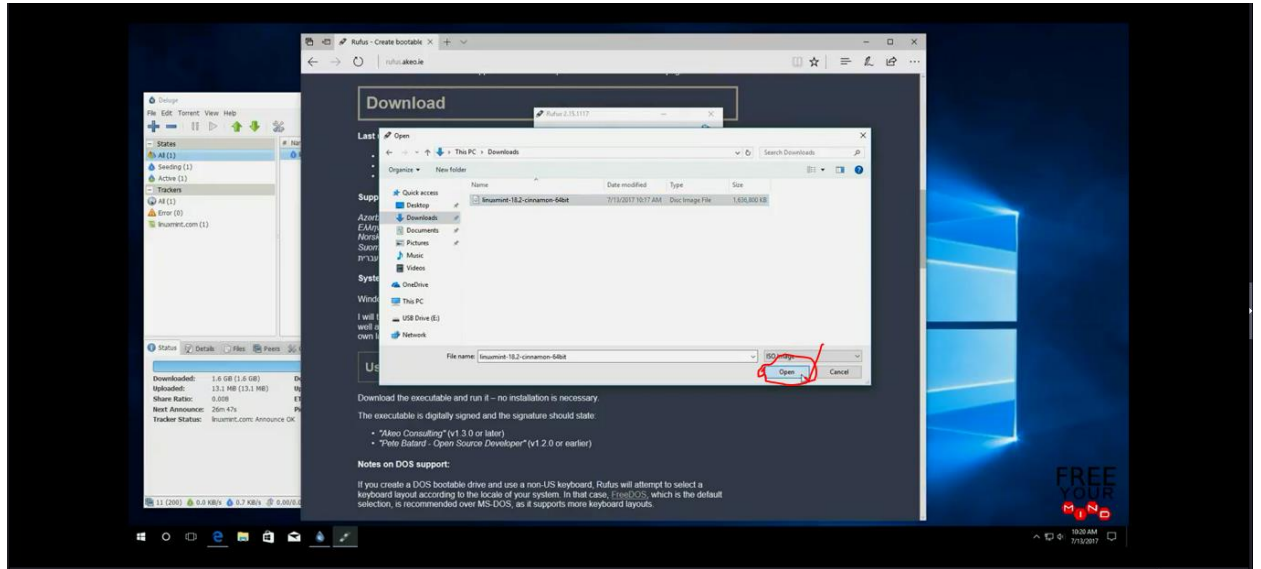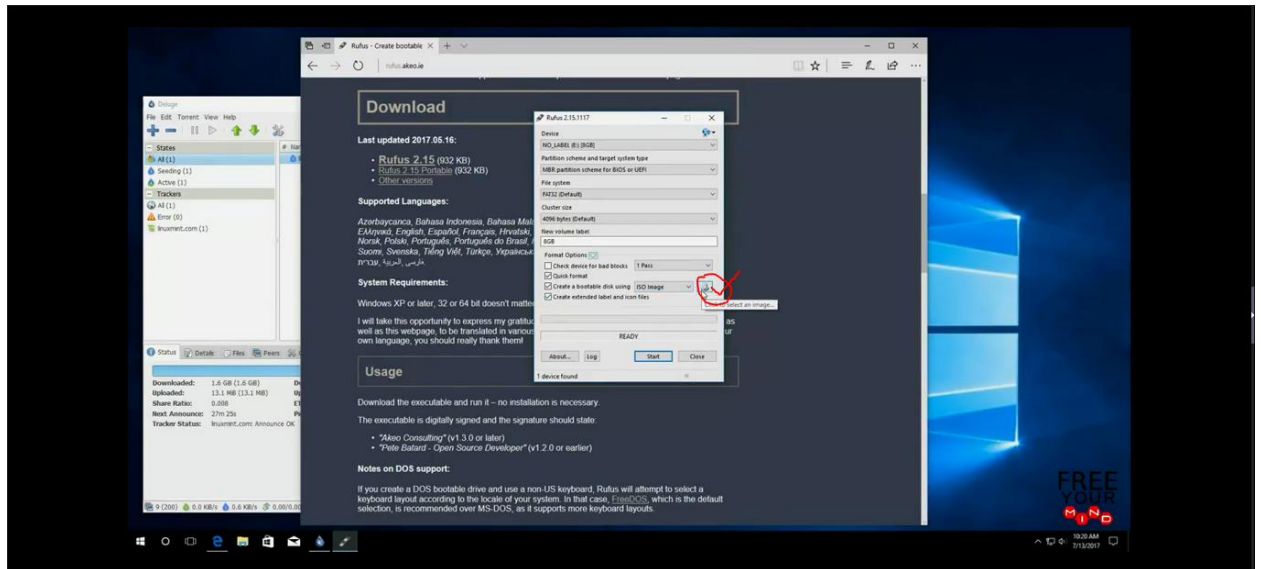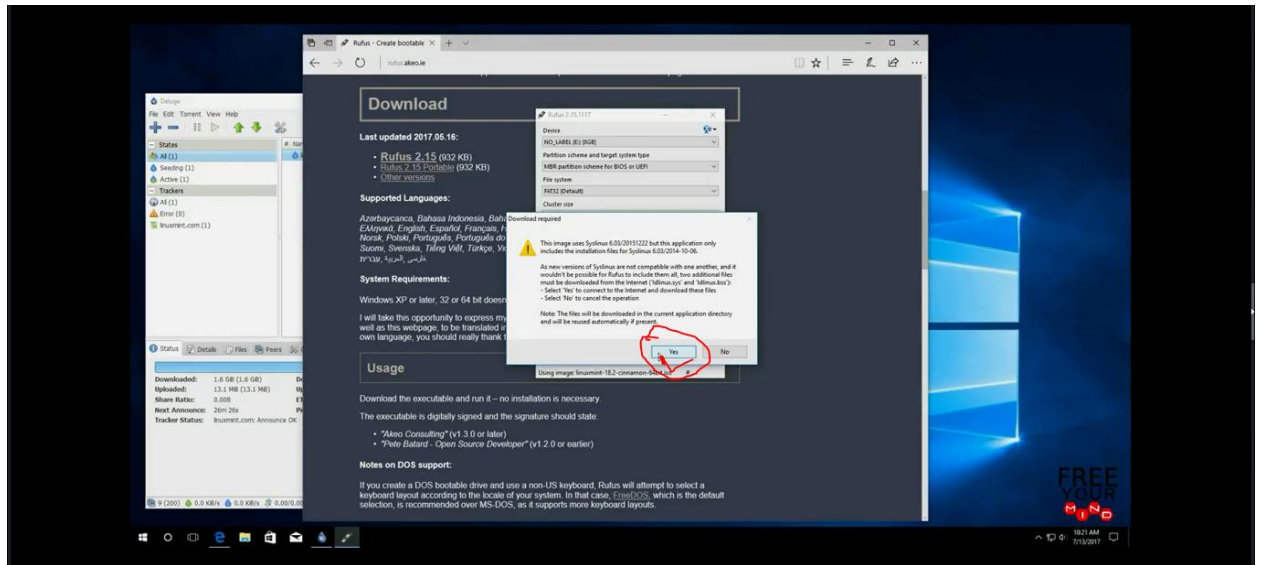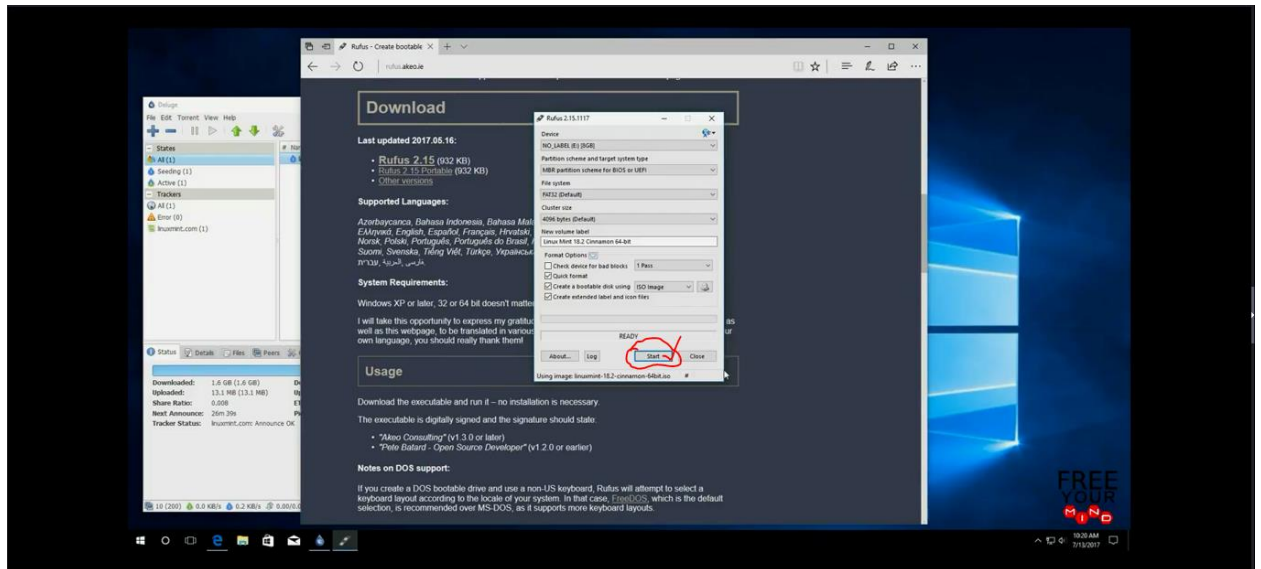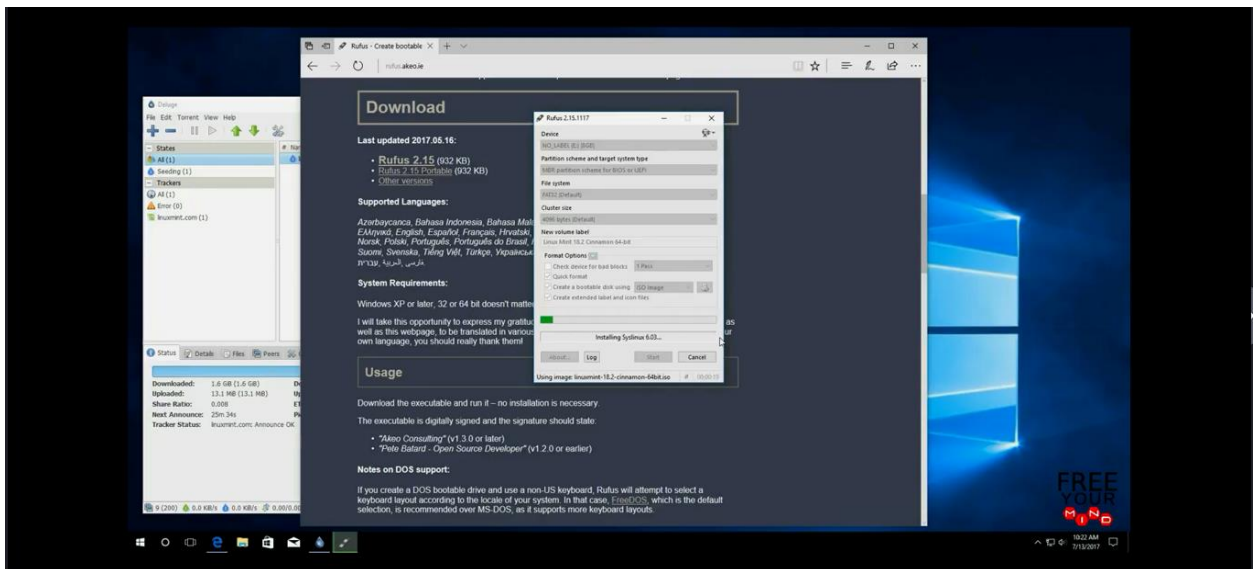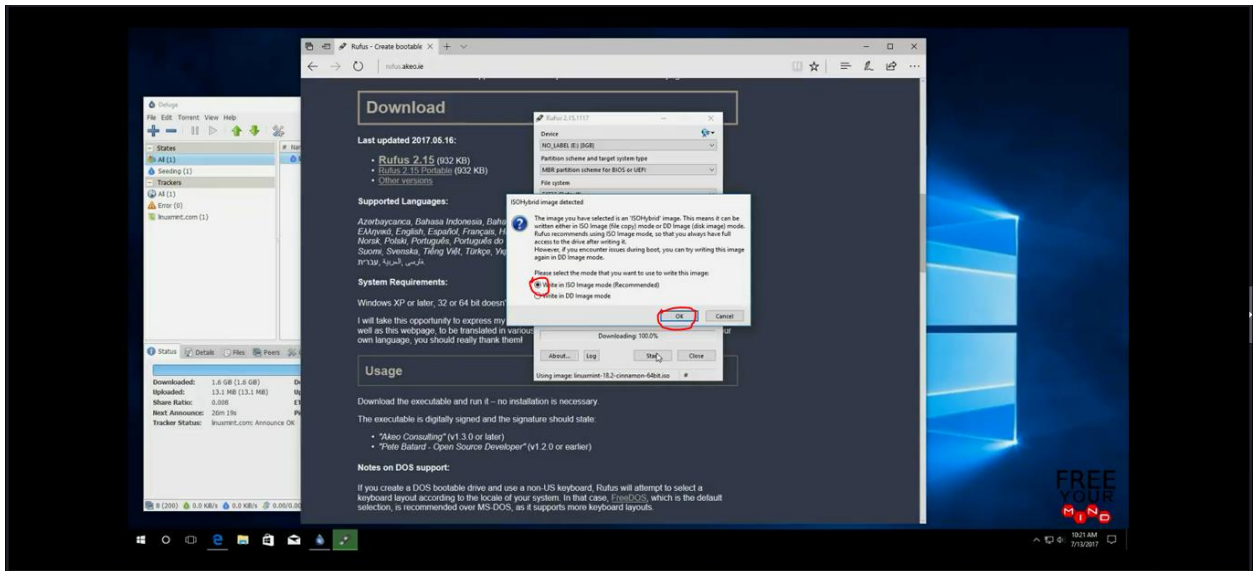
Befor installing Rufus connect a USB flash drive with pc.
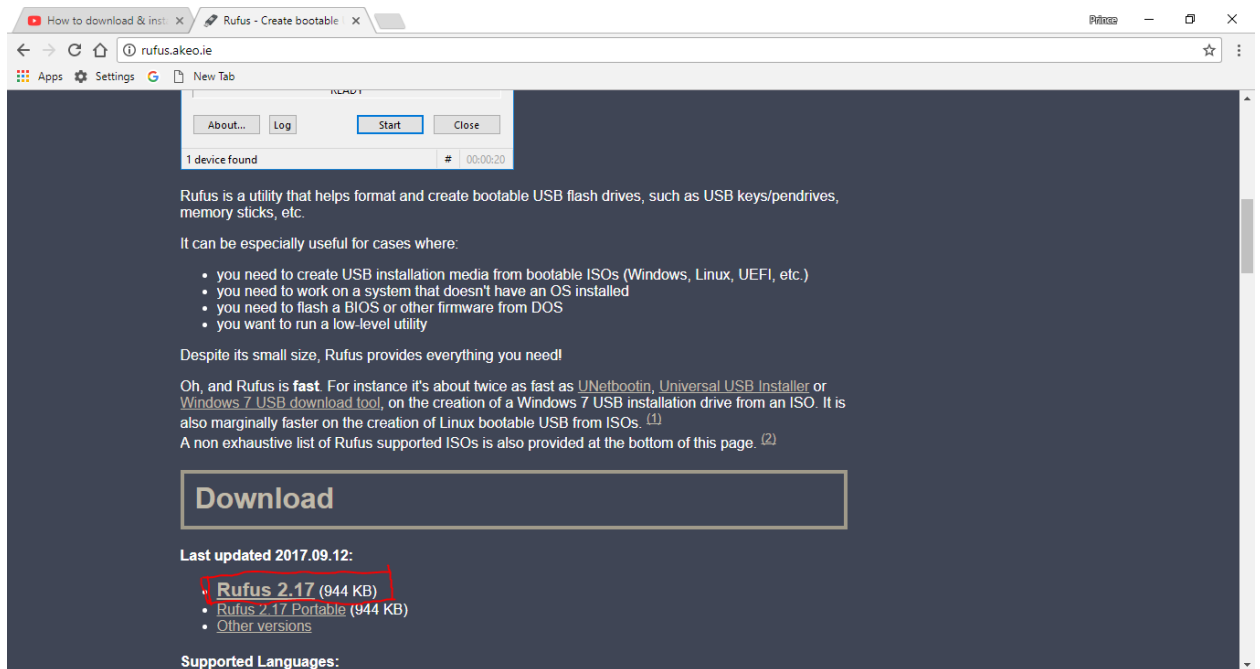
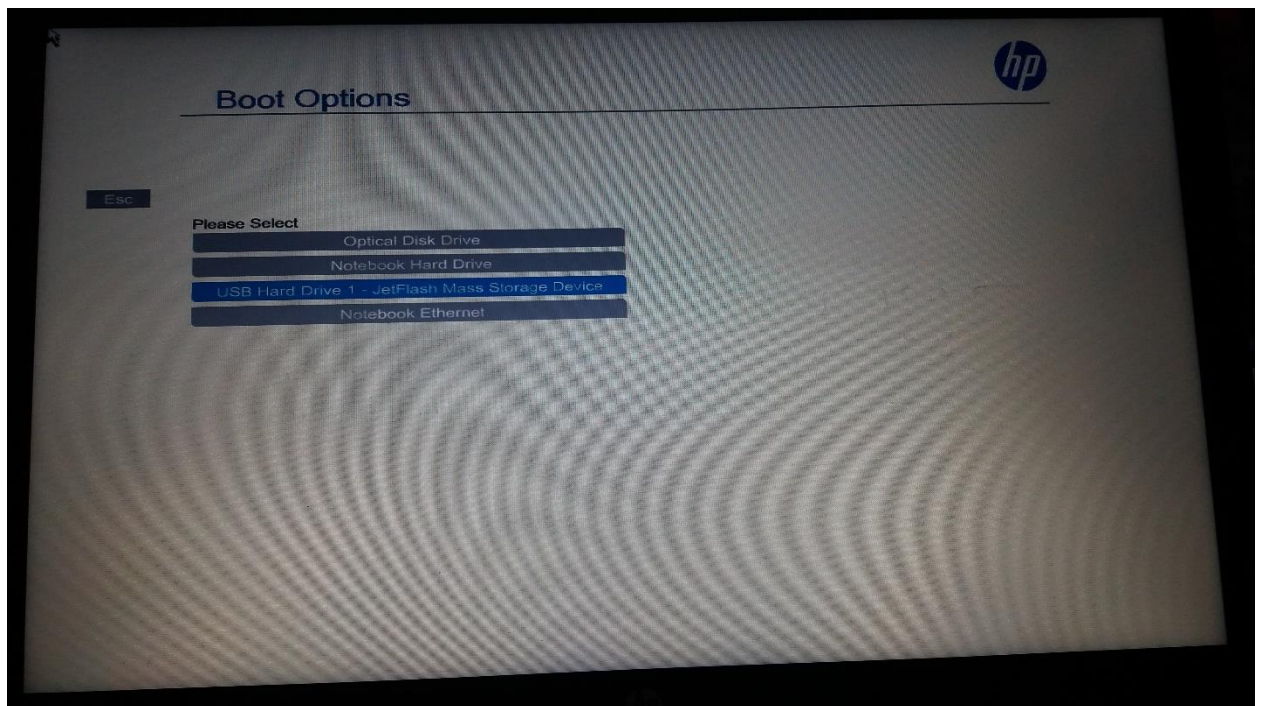After Download the Rufus then we Run it. Then

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

Install (as superuser)

Preparing to install Ubuntu

☐ Download updates while installing Ubuntu
This saves time after installation.

☑ Install third-party software for graphics and Wi-Fi hardware, Flash, MP3 and other media
This software is subject to license terms included with its documentation. Some is proprietary.

Fluendo MP3 plugin includes MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Technicolor SA.

Quit   Back   Continue

FREE YOUR MIND

Install (as superuser)

Installation type

This computer currently has Windows 10 on it. What would you like to do?

◉ Install Ubuntu alongside Windows 10
Documents, music, and other personal files will be kept. You can choose which operating system you want each time the computer starts up.

○ 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   Continue

FREE YOUR MIND

Install (as superuser)

Install Ubuntu alongside Windows 10

Select drive: SCSI1 (0,0,0) (sda) - 34.4 GB ATA VBOX HARDDISK   22.8 GB ▾

Allocate drive space by dragging the divider below:

Write previous changes to disk and continue?

Before you can select a new partition size, any previous changes have to be written to disk.

You cannot undo this operation.

Please note that the resize operation may take a long time.

Go Back   Continue

1 smaller partition is hidden.

Back   Install Now

Install (as superuser)

Keyboard layout

Choose your keyboard layout:

English (Ghana)	English (US)
English (Nigeria)	English (US) - Cherokee
English (South Africa)	English (US) - English (Colemak)
English (UK)	English (US) - English (Dvorak alternative international no dead keys)
English (US)	English (US) - English (Dvorak)
Esperanto	English (US) - English (Dvorak, international with dead keys)
Estonian	English (US) - English (Macintosh)
Faroese	English (US) - English (Programmer Dvorak)
Filipino	English (US) - English (US, alternative international)

Type here to test your keyboard

Detect Keyboard Layout

Back   Continue

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