ROS Installation on Ubuntu

1. Download Ubuntu 16.04.2 LTS from
   http://www.ubuntu.com/download/desktop

2. Download and install win32diskimage
   https://sourceforge.net/projects/win32diskimager/
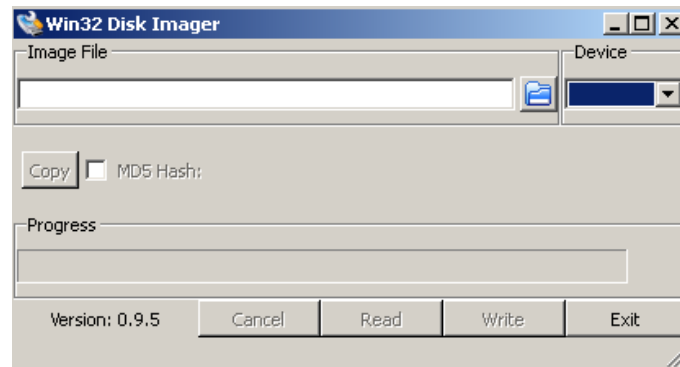

    Image File: Ubuntu file you saved in step 1
    Device: Will automatically appear when you plug in a USB drive.
    Click **write** and wait for it to finish.

3. Plug in USB drive to your computer and restart
4. Go to BIOS and change boot priority to boot from USB. Save and Exit.
5. Follow the onscreen prompts for installation

Watch this video if the above does not work. https://www.youtube.com/watch?v=i_4Kh5kE3xA

6. ROS Kinetic Installation
   http://wiki.ros.org/kinetic/Installation/Ubuntu
   Open terminal and copy paste the following commands one by one.

```
sudo apt-key adv --keyserver hkp://ha.pool.sks-keyservers.net:80 --recv-key 0xB01FA116

sudo apt-get update

sudo apt-get install ros-kinetic-desktop-full

sudo rosdep init

rosdep update

echo "source /opt/ros/kinetic/setup.bash" >> ~/.bashrc

source ~/.bashrc

udo apt-get install python-rosinstall
```

    After the installation is complete run "**roscore**" command to see if everything is working fine.
    Also run "**gazebo**" to see if your computer can handle this easily.