

ESE 4009: EMBT PROJECT

Lambton College in Toronto

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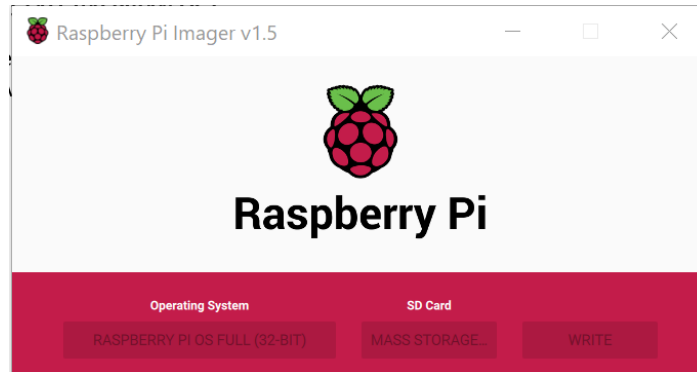
Task-1

--> Installing Raspbian OS.

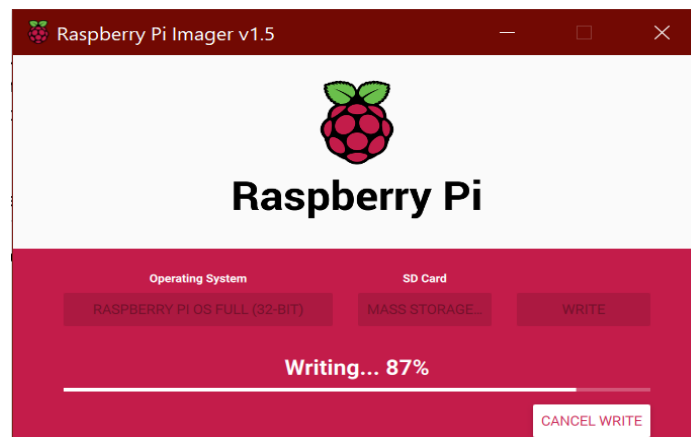
--> Installing OpenCV in Raspberry pi

HOW TO INSTALL RASPBIAN OS?

- Visit the following link: <https://www.raspberrypi.org/software/> and download Raspberry Pi Imager v1.5.
- Run the imager and you see something like this:



- here you just have to select the OS you'd like to install and the location of the Micro-SD card and then click on 'WRITE'.
- The writing process might take 10-20 mins depending on the OS you have selected, the write speed of the card and your internet download speed.



- once the installation is done simply put your Micro-SD card in the card slot of the raspberry pi, plug in the HDMI cable and the power cable.
- Wait and follow the installation process.
- **Done.**

HOW TO INSTALL OPEN-CV ON RASPBERRY PI OS?

<https://www.pyimagesearch.com/2017/09/04/raspbian-stretch-install-opencv-3-python-on-your-raspberry-pi/>

Note: this link contains a step-by-step guide for the installation.