# RetinaNet Object Recognition v1 SettingUp Guide

1. Raspberry Pi OS 32-bit (Legacy) – Buster version
2. git clone https://github.com/marekruttner/AiToySoftware.git
3. Sudo raspi-config -> interface option -> camera -> Enable [OK]
4. Sudo raspi-config -> advance -> expand file system -> Enable [OK]
5. Install tensroflow 2.2.0
   1. <https://qengineering.eu/install-tensorflow-2.2.0-on-raspberry-pi-4.html>
6. Install opencv2
   1. <https://singleboardbytes.com/647/install-opencv-raspberry-pi-4.html>
   2. pip3 install opencv-python
7. Install requirements.txt
8. sudo apt install pyhon-qtpy
9. sudo nano /etc/xdg/qt5ct/qt5ct.conf
   1. line 5 – style=gtk3
10. copy icon.desktop to Desktop
11. run script