**********Draft**********

Arduino IDE
1,18.19
RPi4B 8Gb
Raspbery Pi 32 Bit OS
Nano RP2040 Connect
09/30/22

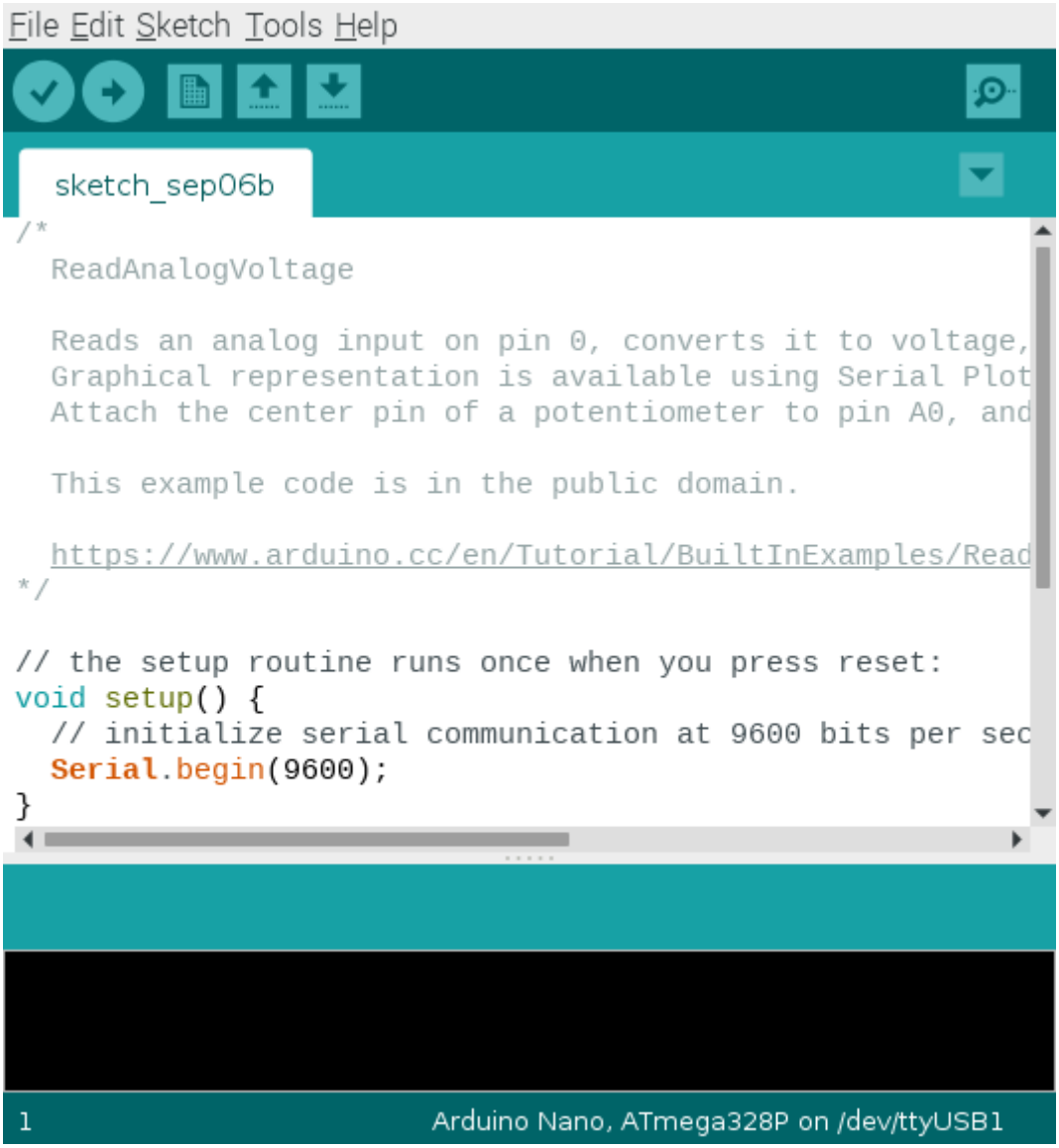
**********Draft**********

arduino-1.8.19-linuxarm.tar.xz

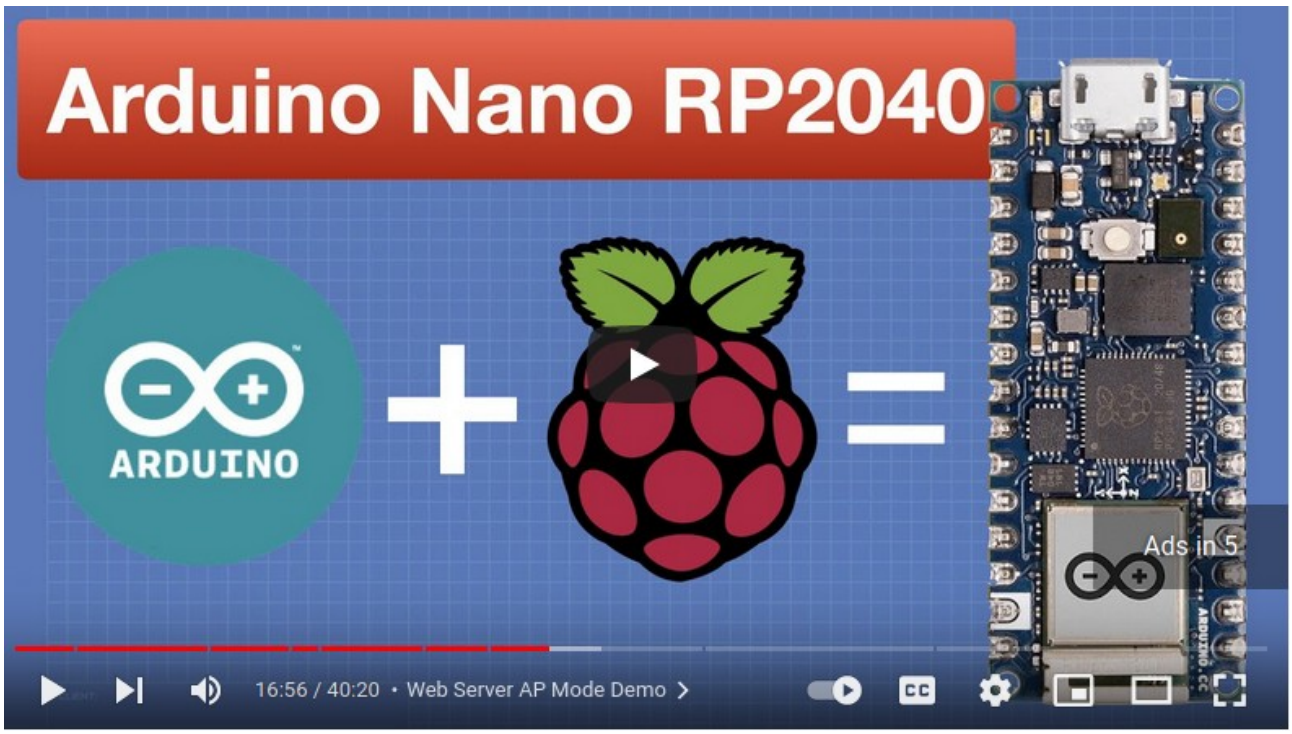
arduino-linux-setup.sh

Board “Arduino Nano RP2040 Connect”
Arduino Mbed OS Nano Boards
Arduino Nano RP2040 Connect

sudo su
root@pi4-27:/home/devel# cd Downloads/arduino-1.8.19
root@pi4-27:/home/devel/Downloads/arduino-1.8.19# ./arduino
Picked up JAVA_TOOL_OPTIONS:

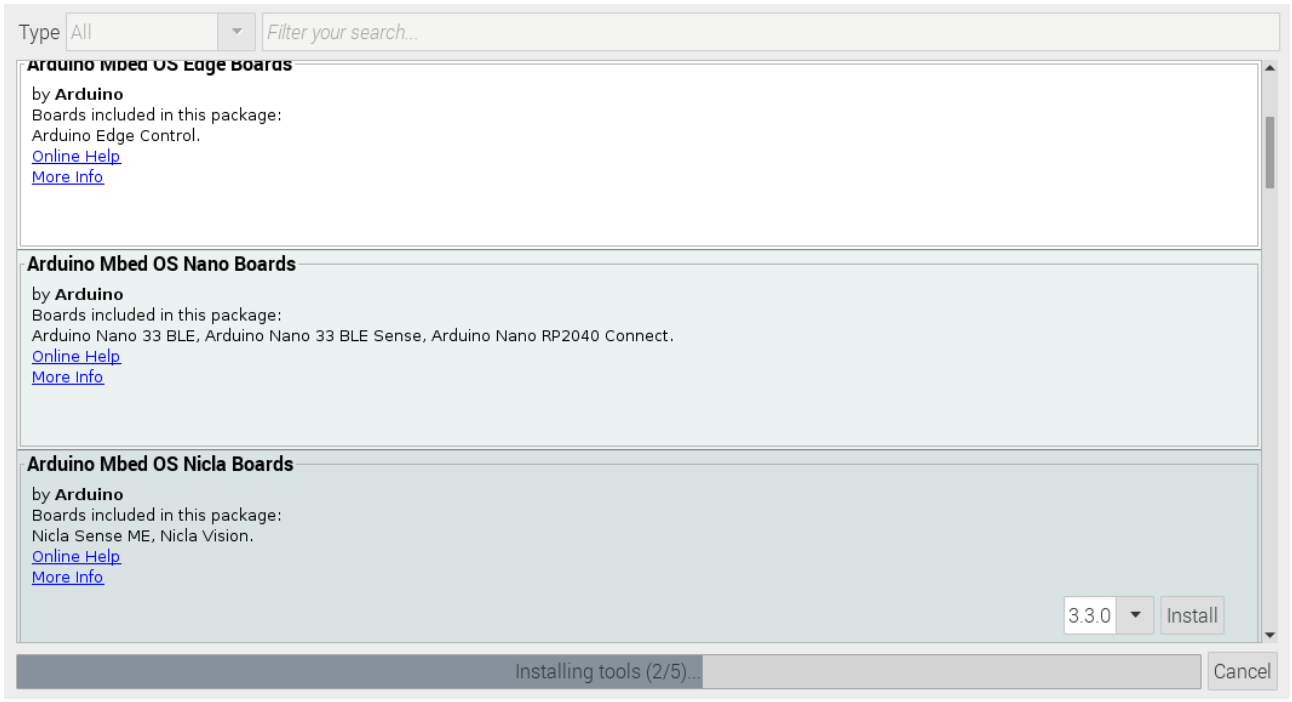


https://www.youtube.com/watch?v=z8s3nl_C5sg

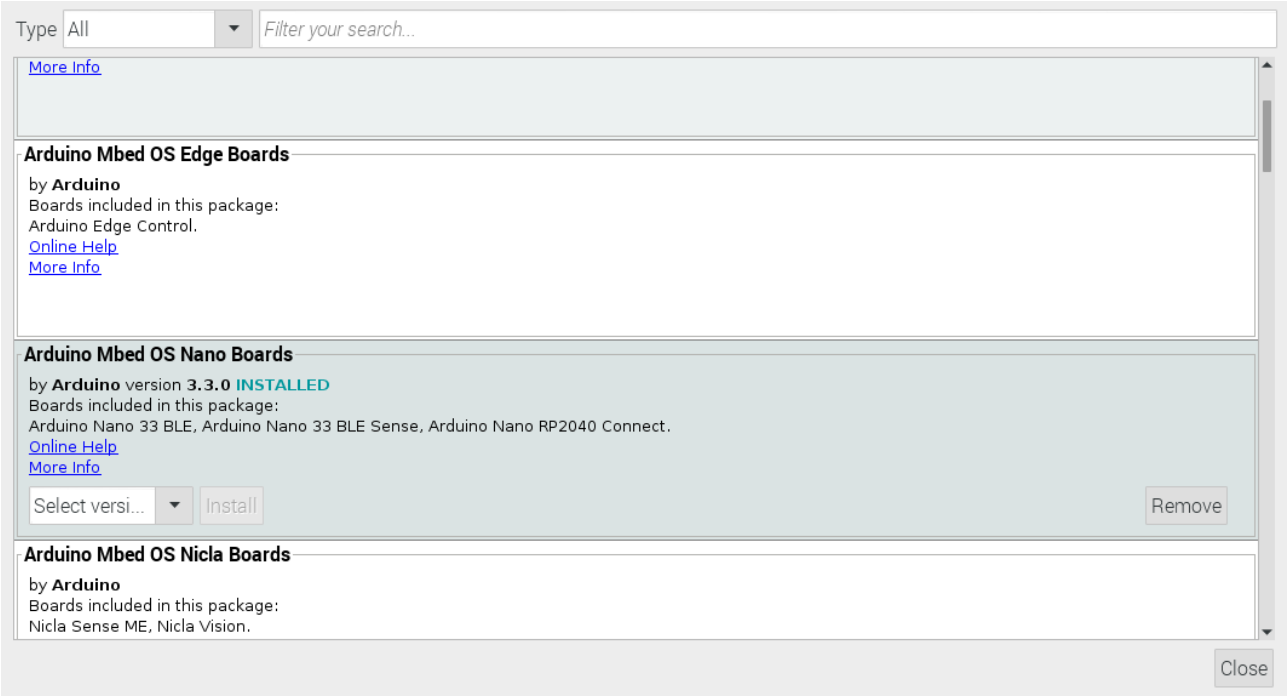


He indicated that when uploading getting and error.
This script might be a fix
/root/.arduino15/packages/arduino/hardware/mbed_nano/3.3.0/post_install.sh

Describes install the
Nano RP2040 Connect
Arduino Mbed OSNano Boards

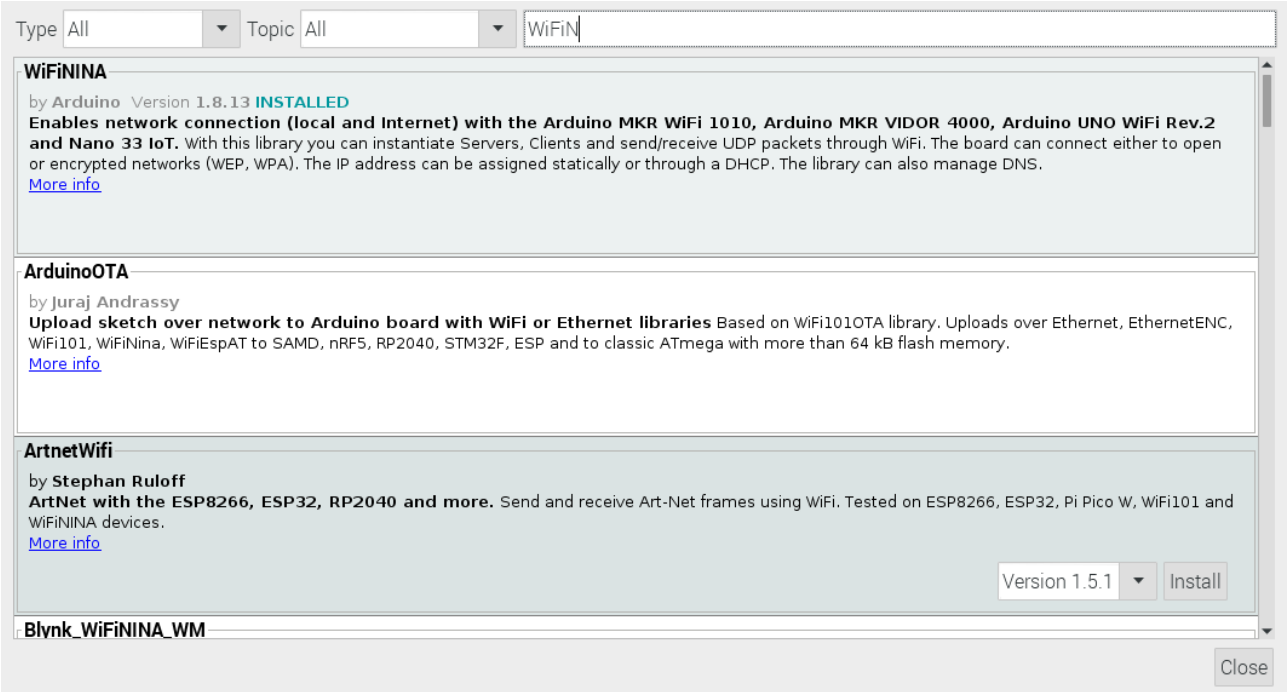


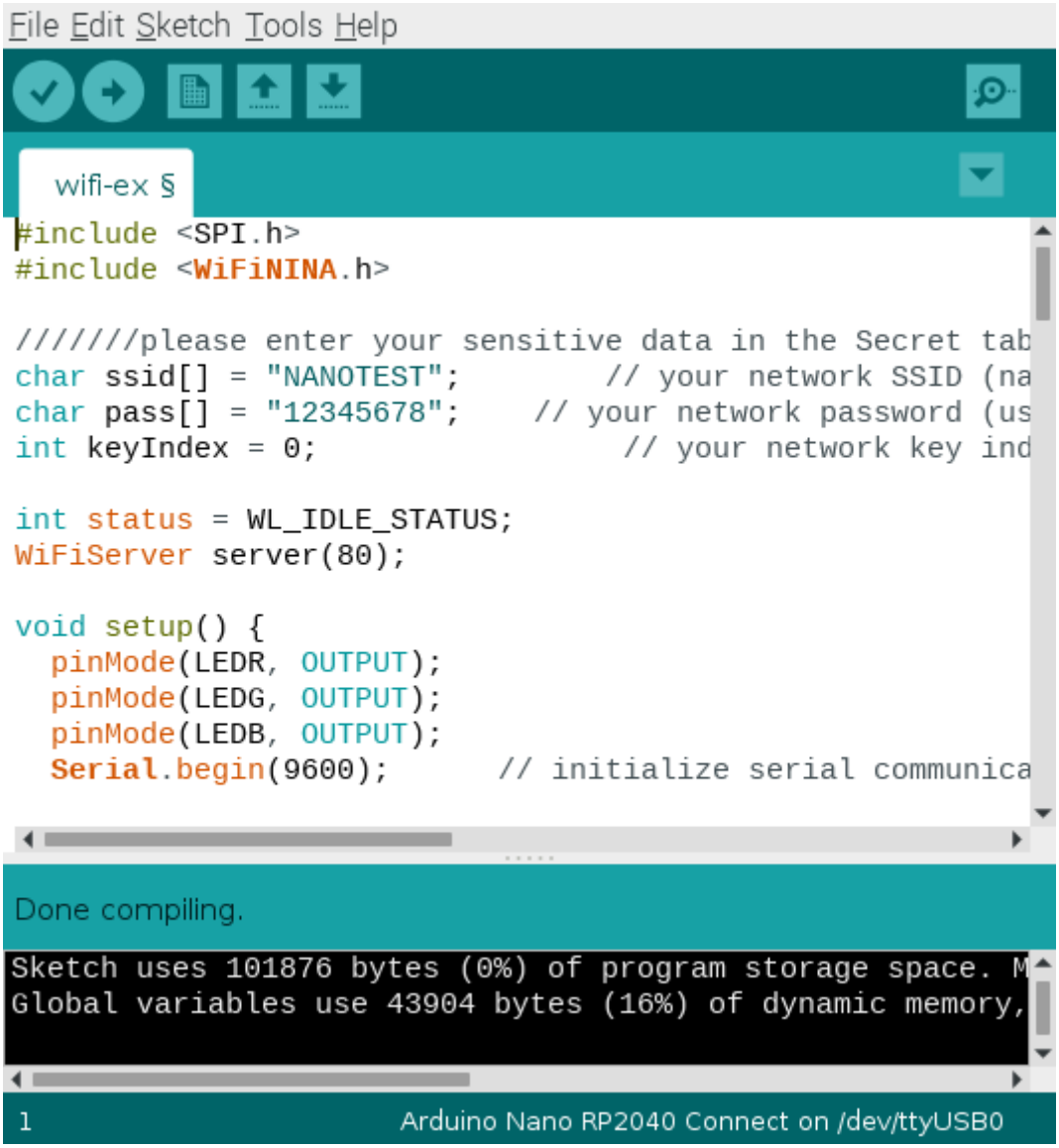
This can be removed if needed.



Xx

WiFiNINA

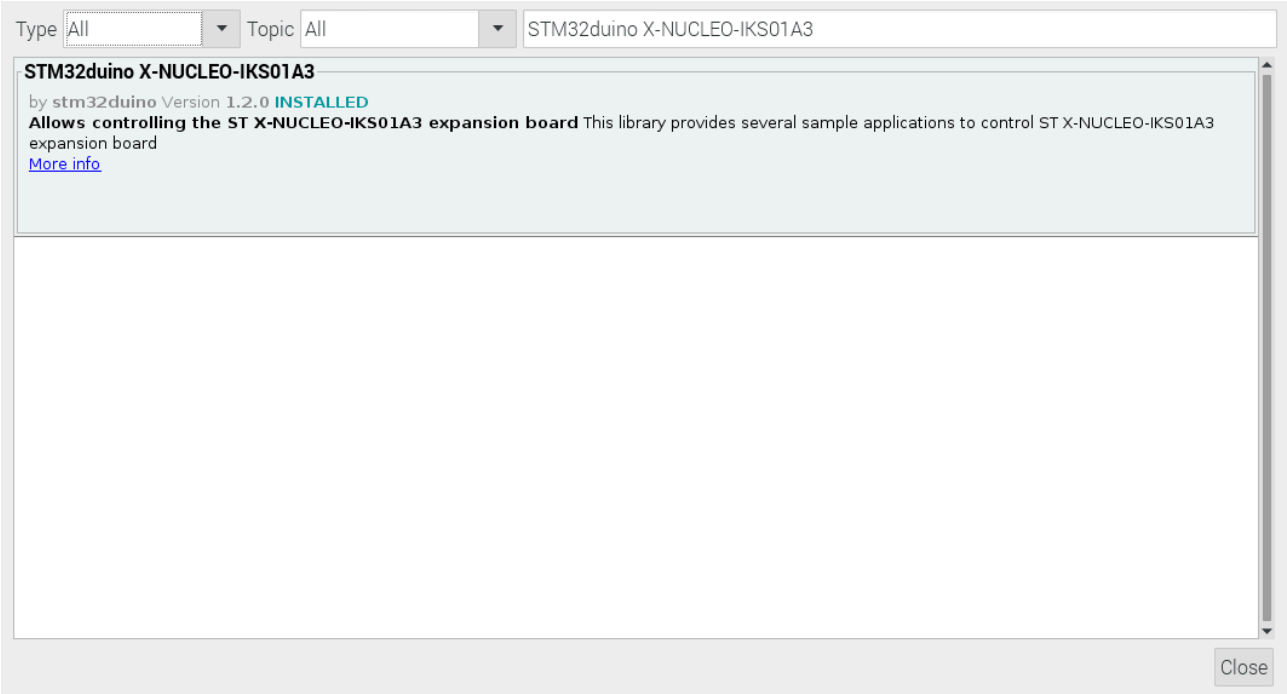




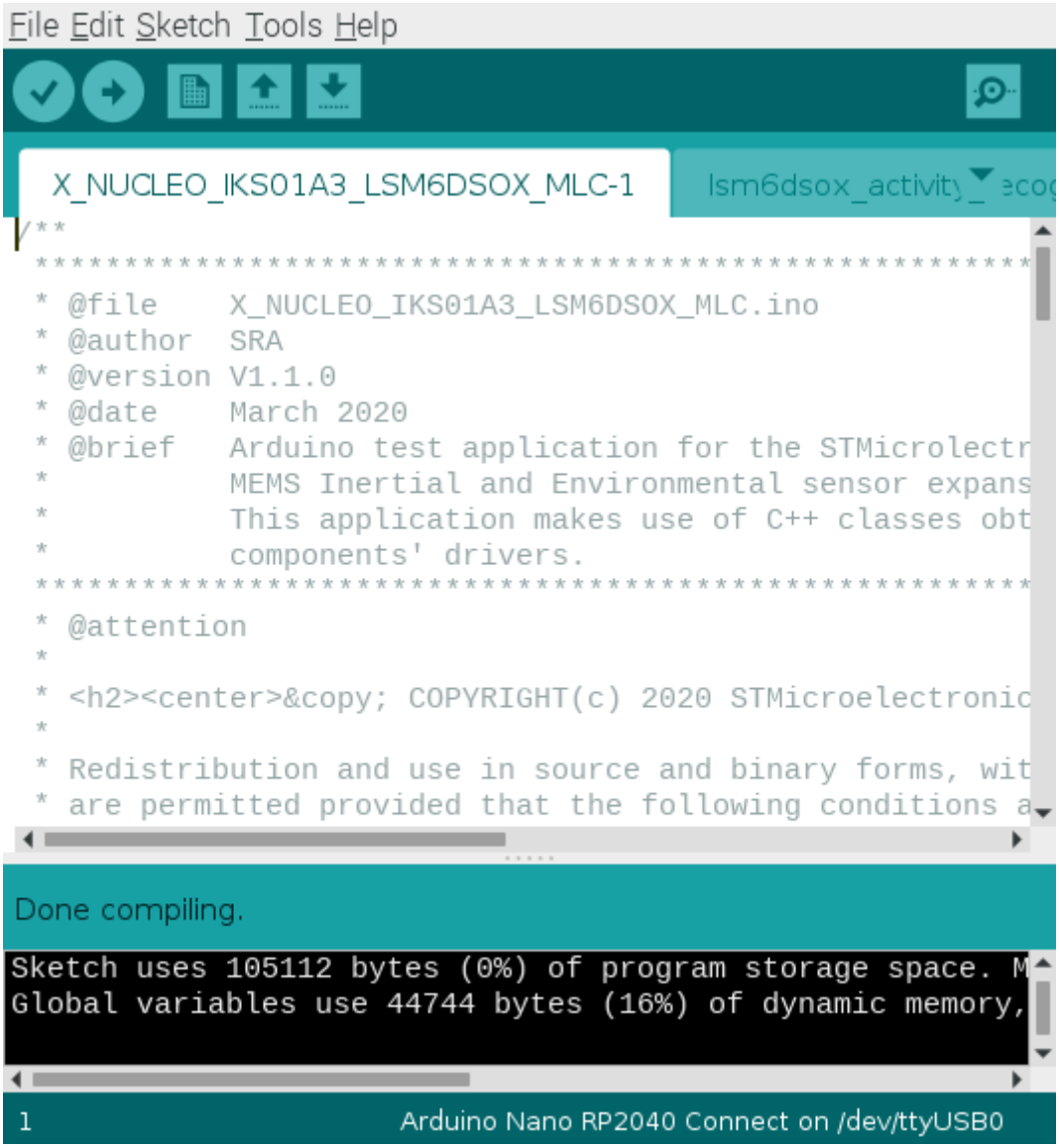
xxx

https://docs.arduino.cc/tutorials/nano-rp2040-connect/rp2040-imu-basics

Arduino_LSM6DSOX STM32duino X-NUCLEO-IKS01A3



In line 47 added #define INT_1 INT_IMU per the video
//#define INT_1 A5


File Edit Sketch Tools Help
X_NUCLEO_IKS01A3_LSM6DSOX_MLC-1
lsm6dsox_activity
/**
* @file X_NUCLEO_IKS01A3_LSM6DSOX_MLC.ino
* @author SRA
* @version V1.1.0
* @date March 2020
* @brief Arduino test application for the STMicrolectr
* MEMS Inertial and Environmental sensor expans
* This application makes use of C++ classes obt
* components' drivers.
* @attention
* <h2> © COPYRIGHT(c) 2020 STMicroelectronic
* Redistribution and use in source and binary forms, wit
* are permitted provided that the following conditions a
Done compiling.
Sketch uses 105112 bytes (0%) of program storage space. M
Global variables use 44744 bytes (16%) of dynamic memory,
1
Arduino Nano RP2040 Connect on /dev/ttyUSB0