09/11/2019

**Task:**

* Install Python
* Write a script to read serial port
* Test WIFI example
* Bring ADLX357 firmware from Analog Devices into project

**Reflection:**

Installed Anaconda as python

pip install pyserial

pip install drawnow

**Issues:**

* + Deliverables are delayed need to expend extra time to catch up gap from last two weeks
  + Could not install SDK in Windows OS

**Solution:**

* Installed SDK in Ubuntu Virtual Machine using a oracle VirtualBox and flash board using makeFiles.

References:

<https://docs.espressif.com/projects/esp8266-rtos-sdk/en/latest/get-started/index.html#get-started-get-esp-idf>

<https://docs.espressif.com/projects/esp8266-rtos-sdk/en/latest/get-started/eclipse-setup-windows.html#eclipse-windows-setup>

<https://github.com/espressif/ESP8266_RTOS_SDK/tree/release/v3.2>

# <https://www.youtube.com/watch?v=T-oSjMCmNYk> - AMMAURO #3 - ESP8266 IoT 2017, native C SDK Getting Started for Windows, Mac & Linux

<https://blog.podkalicki.com/esp8266-building-the-toolchain-for-linux-ubuntu/>

<https://blog.podkalicki.com/installing-esp8266-rtos-sdk-on-linux/>

<https://www.espressif.com/sites/default/files/documentation/2a-esp8266-sdk_getting_started_guide_en.pdf>

<https://exploreembedded.com/wiki/Setting_up_Eclipse_for_ESP-IDF>

<https://www.embarcados.com.br/programando-esp8266-em-c-no-eclipse/>

https://github.com/analogdevicesinc/EVAL-ADICUP360/tree/master/projects/ADuCM360\_demo\_adxl355\_pmdz

https://jonnylangefeld.github.io/learning/Docker/How%2Bto%2BDocker.html