1.How RTOS works.

2.RTOS related video.

3.Nuttex related video.

4.How STM32 works and how to load program.

I have already implemented some code regarding RTOS and STM32.I tried to compile blink code successfully but I found some error while debug code in stm32.Finally I have watched some video from Udemy. Those video helps me to upload code into stm32.But I have no idea about stm32 and free rtos and their IDE that’s why I faces problem. After watching udemy video I try to setup keil ide and upload my blink code. Every thing goes perfect but for some technical reason st-link says error though it shows connected with ide.I think I can solve this problem once I reach you and explain everything.

Now I m try to study free RTOS with MQTT .And also find some code regarding STM32F103C8 and mqtt.

Here are some link,

1. <https://www.youtube.com/watch?v=_ggJXbe885U>
2. <https://www.youtube.com/watch?v=7efj3bJbGbk&list=PLEfMFrwVdbPYzMgeaLiFRb4ogjV8m3lt6>
3. <https://www.youtube.com/watch?v=Pi8IAFp3pVw>
4. <https://www.st.com/en/microcontrollers-microprocessors/stm32f103rb.html>
5. [https://github.com/stm32duino/wiki/wiki/Upload-methods](https://www.google.com/url?q=https://github.com/stm32duino/wiki/wiki/Upload-methods&sa=D&source=hangouts&ust=1585489603596000&usg=AFQjCNEY0-d0h9FeiivDmFCzJ_6tTN2Wvg)
6. <https://www.udemy.com/course/stm32f103c8t6-microcontroller/>

Personal work:

1.face recognition.

2. resize face image from full picture one by one

3.setup dlib library after 3 days of trying for face\_recognition library