

Staj Faaliyetleri

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| Bölüm: ARGE | Tarihler: 02/02/2024 – 02/02/2024 |
| İş Tanımı: LED Brightness Control | Süre: 1 working day |
| <p>The aim is to control the brightness of the LED on pin 5 of port A of the STM32F401RE microcontroller on the NUCLEO-F401RE development board using the connected button on pin 13 of port C of the STM32F401RE microcontroller on the NUCLEO-F401RE development board. Each time the button (Port C, Pin 13) is pressed, the brightness increases by 10 percent to 100 percent, and if it is pressed again, it is 0%. So the LED (Port A, Pin 5) will go out. This loop will be designed to repeat continuously.</p> <p>I am using timer and generating PWM signal. And I have used periodic interrupt. Visually, brightness increase is noticeable in first one to four presses, but later it is not noticeable to naked eye. So, I am using multimeter and measuring voltage level and everything is correct. My project worked correctly.</p> | |
| Öğrencinin imzası: | |
| Yetkili personel | |
| İsim / İmza / Mühür: | |

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