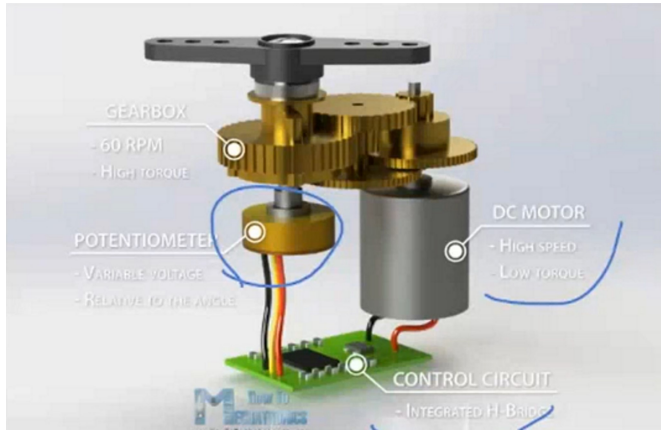
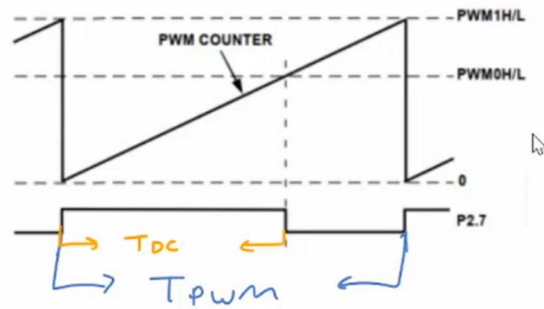
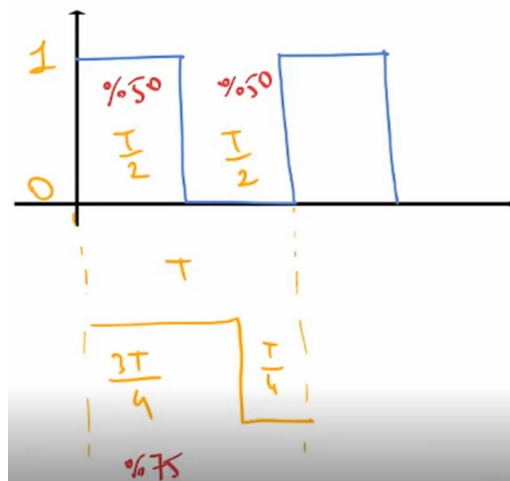
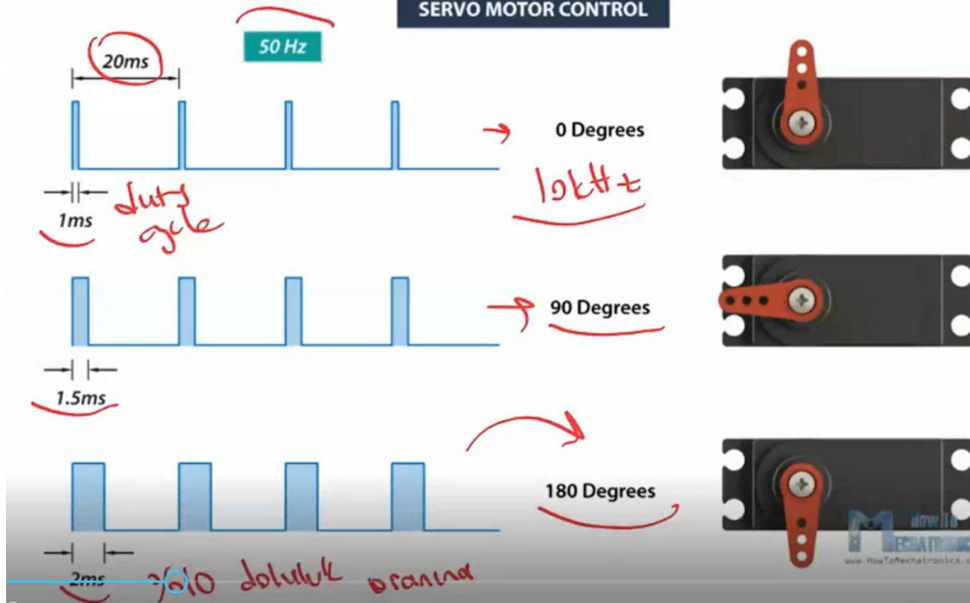


Deney-5

23 Aralık 2020 Çarşamba 21:49



SERVO MOTOR CONTROL



$$T_{pwm} = PWM1H/L = \text{Period}$$

$$T_{oc} = \text{Duty cycle} = PWM0H/L$$

1 kHz ve %50 doluluk oranına sahip PWM;

$$PWM_{H/L} = \frac{16.777 \mu Hz}{x} \rightarrow \text{signal freq.}$$

$$= \frac{16.777 \mu Hz}{1 kHz} = 16777 \rightarrow \overset{PWM_{H}}{\uparrow} \overset{PWM_{L}}{\downarrow} 4189 H$$

$$PWM_{H/L} = PWM_{H/L} \cdot y \downarrow \text{duty cycle}$$

$$= 16777 \cdot \%50 = 8388.5 \rightarrow \overset{PWM_{H}}{\downarrow} \overset{PWM_{L}}{\downarrow} 2064 H$$