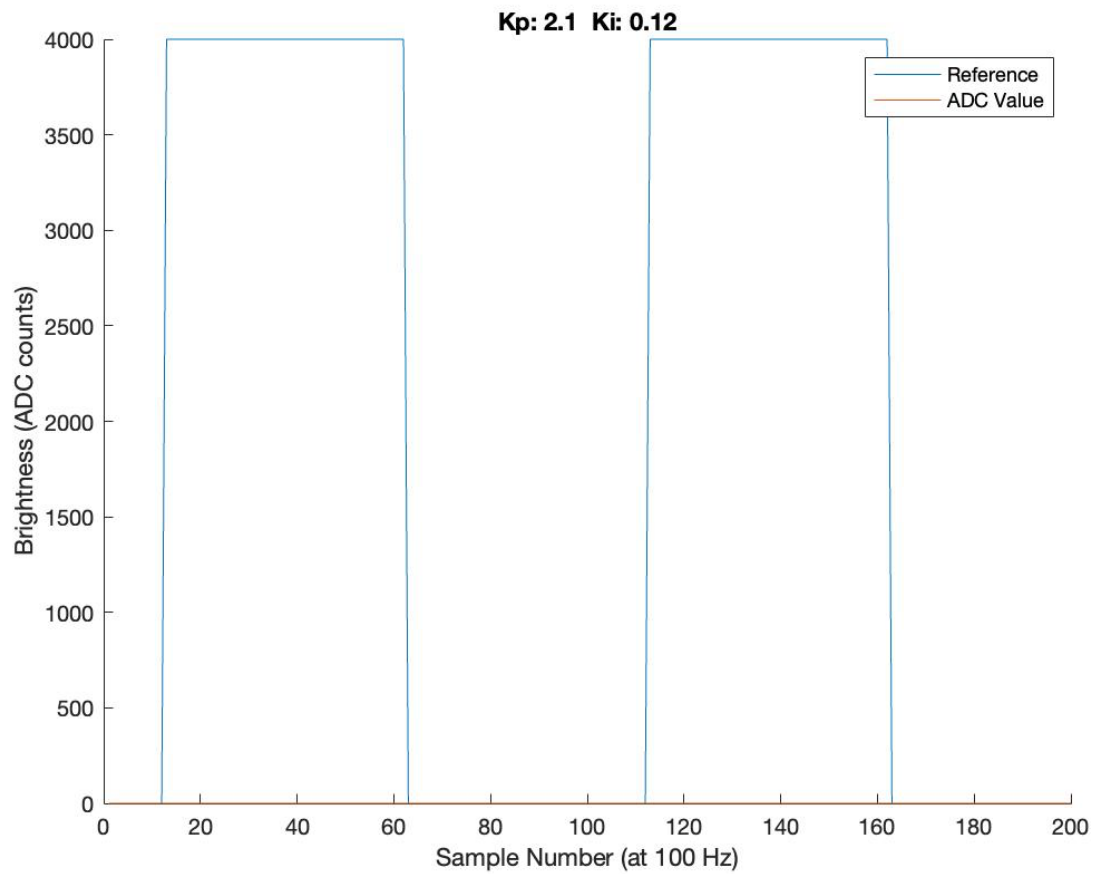
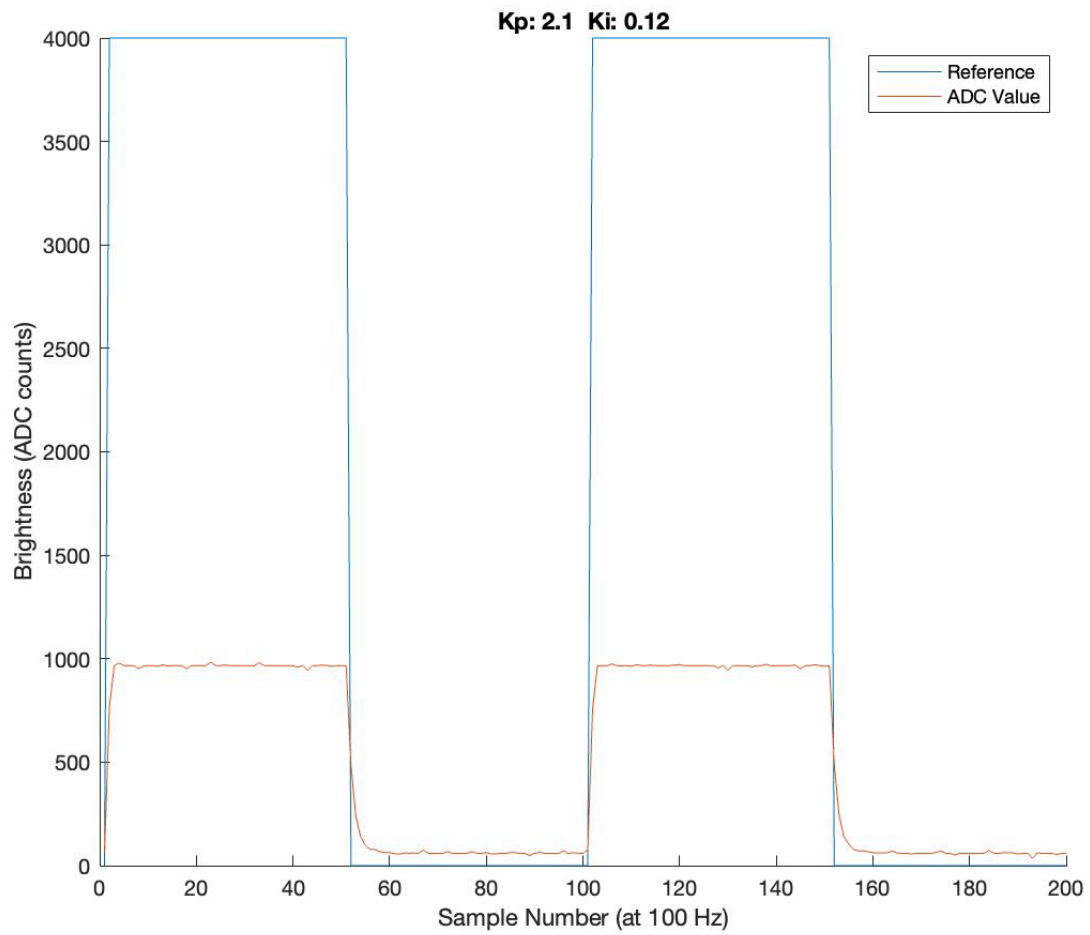


HW 7
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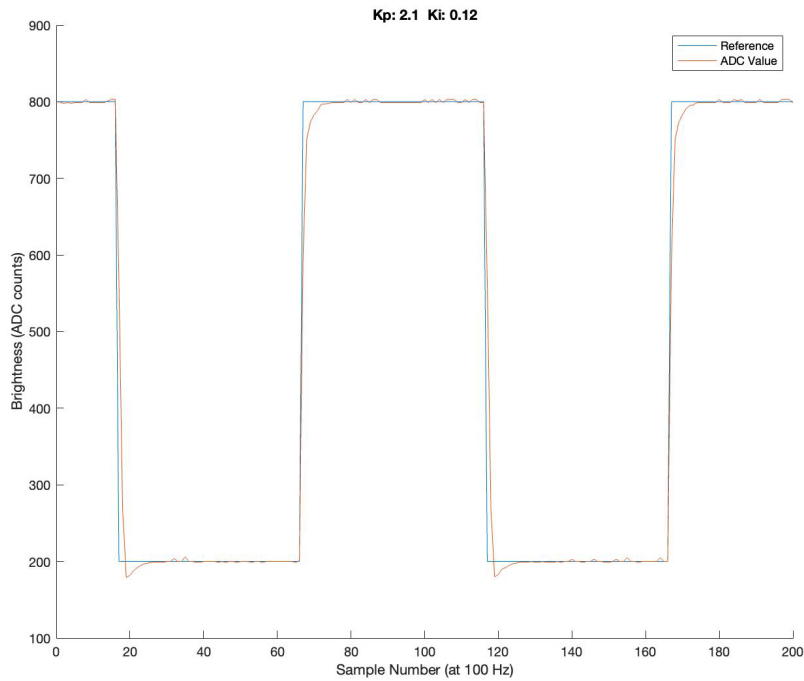
24.5) Proof that there is communication between MATLAB and the PIC in my program



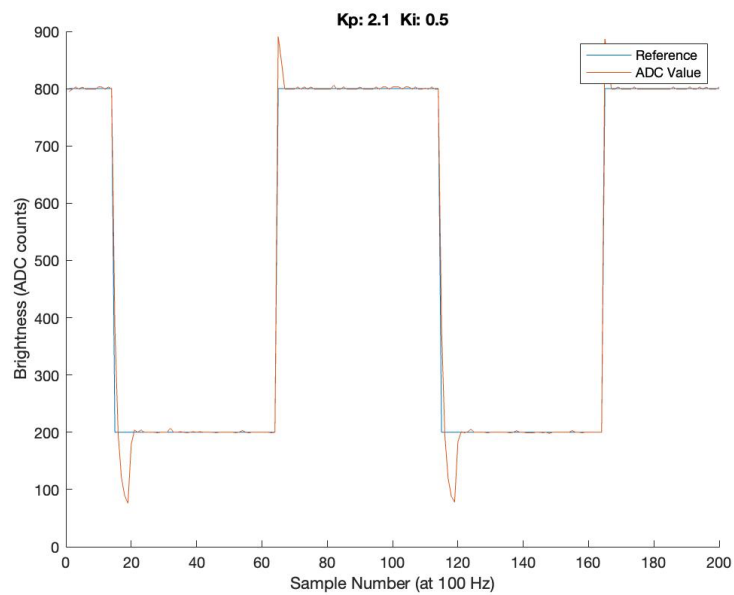
24.7) ADC value. Ignore the values for Kp and Ki, they have no effect on the ADC value



24.8) Tuning for the perfect response:



$K_p=2.1$ $K_i=0.12$, Follows the signal very closely



$K_p=2.1$ $K_i=0.5$, Plot that resembles figure 24.1 closer, but has some stuttering in the LED