HW 7

Lance Go

ME333

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

**Chart, histogram

Description automatically generated**

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

**Chart, histogram

Description automatically generated**

**24.8) Tuning for the perfect response:**

**Chart

Description automatically generated**

*Kp=2.1 Ki=0.12, Follows the signal very closely*

*Chart, box and whisker chart

Description automatically generated*

*Kp=2.1 Ki=0.5, Plot that resembles figure 24.1 closer, but has some stuttering in the LED*