CS321 - Assignment 5

Problem Statement:

Playing with Arduino ADC: Input two different analog inputs to the ADC module of Arduino, perform the mentioned operations and display the output on a CRO. The first input should be from function generator and the second input should be from any other input of your choice (e.g. potentiometer, analog sensor, etc.).

The operations are:
(i) Simple addition of the two input signals.
(ii) Subtract Signal 2 from Signal 1.

Also generate and output a PWM signal to control the brightness of the LED on board the Arduino.

Deadline:
September 10th 2018, 9:00am
Evaluation will be during the lab hours on September 10th 2018 (Monday)