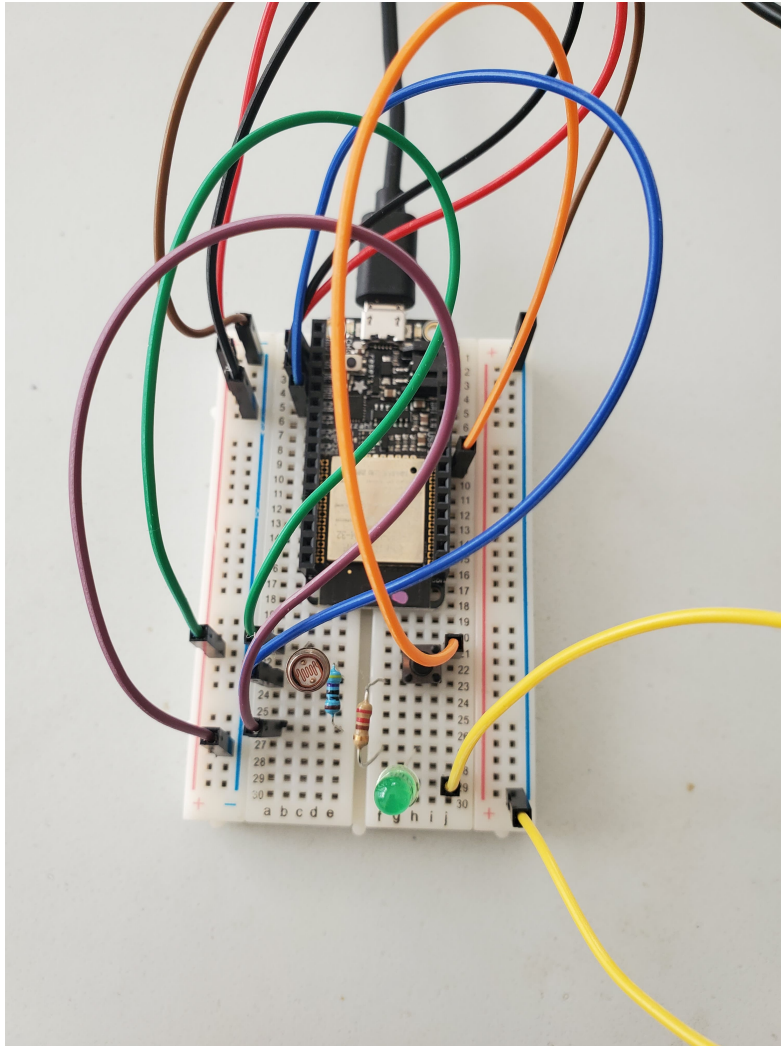## Document Info

Tommy, ART385, LED Complexity, 19 March 2020

Re-state the Assignment

Create a circuit incorporating the LED, switch, and LDR to trigger an event.

Hand-drawn or digitally-drawn schematic diagram

Reflections

As I continue to work on the Arduino, the more I understand it. However, I'm still confused about the ESP32 and don't really know what the different ports do. As for this assignment, I thought an interesting way to incorporate the 3 different devices is to create a real-world function for it. The device allows a person to press the switch to turn

on the light, the light will only stay on if the switch is being pressed. However, if it is already bright, the light will not turn on even if you press it. This is done to conserve an unnecessary waste of energy.