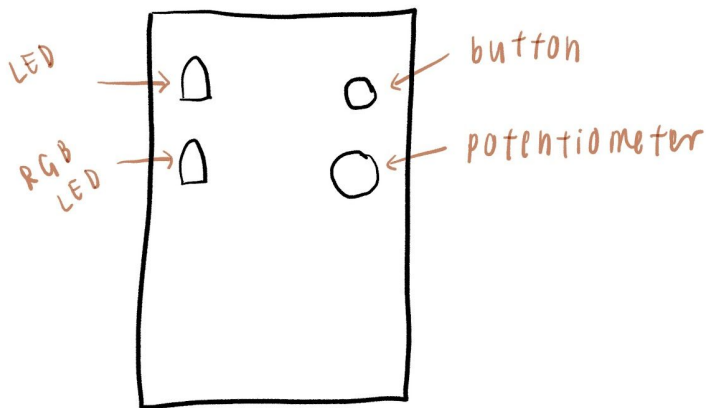**Document Info**
Kara
ART 385
Project 2

Re-state the Assignment
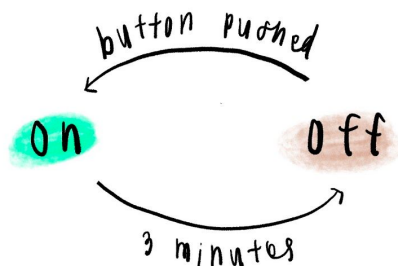Create a real-world hardware example with two inputs and two outputs.
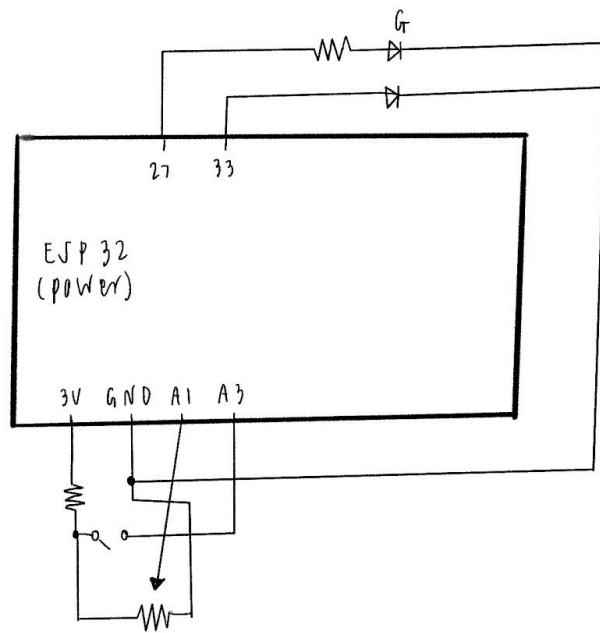
Sketch

Concept
This is a metronome that can be used in various musical settings. The BPM can be adjusted by turning the potentiometer. It goes from 20 BPM to 240 BPM. The two LEDs blink alternately, according to the BPM. The serial monitor displays the current BPM. This metronome automatically turns off after 3 minutes, the average song length.

State Diagram

Schematic diagram

Video
https://youtu.be/rl8naYql4Y8