

Safety First

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This project will build upon the basic code structures we have learned so far to make an interactive physical computing system. This project is must contain at least two input devices and two output devices.

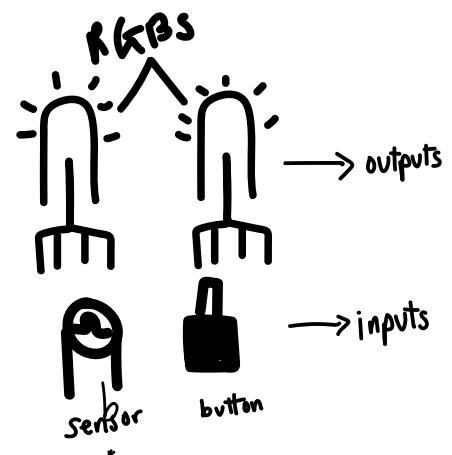


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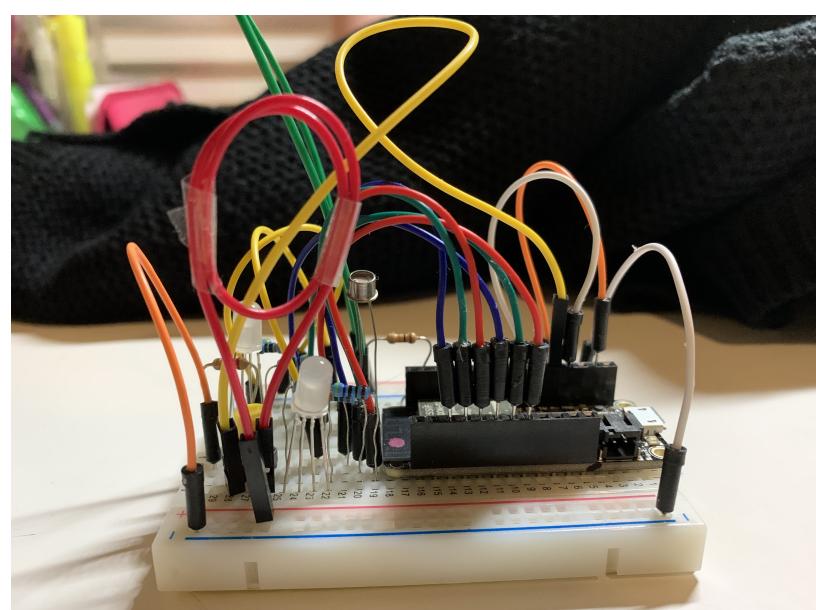
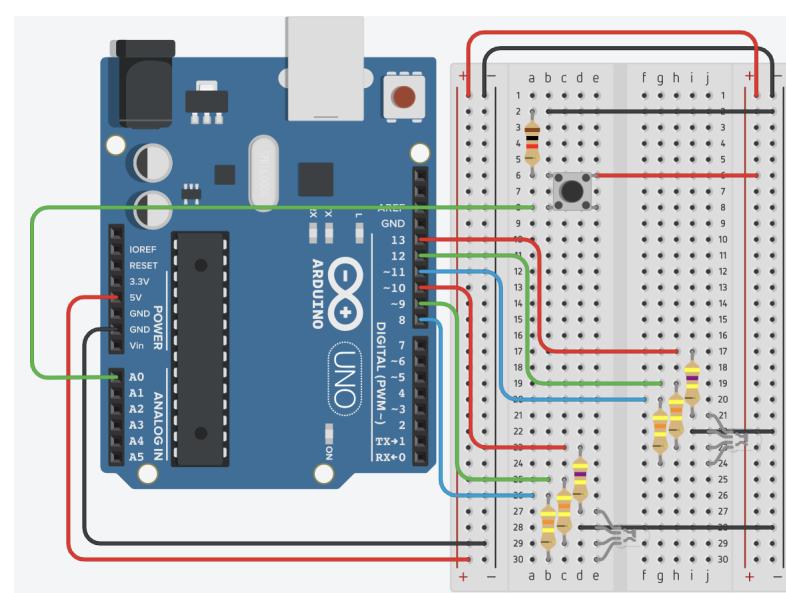


This is a traffic light simulation that also includes a crosswalk and motion sensor. On a larger scale, this can be used to make crossing the street safer. When a pedestrian presses the button, all LEDs will blink white signaling to the cars that someone is walking. This will make drivers more aware if there is a pedestrian walking. The sensor attached acts as a guideline for cars for when they stop at the light. If the car is stopped too close to the crosswalk, the light will flicker blue to signal to cars that they are stopped in the intersection. By implementing this, there would be more safety within the streets!

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