

CSC-11 Final Project:  
Street Crossing  
Fall 2020  
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# Introduction

I chose to do the street crossing option for my final project. First, I tackled my general steps and flow of the project, considering the order of things and how my loop would run. Next, I began writing my code, getting the general layout and instructions ready. After I completed most of the code, I began wiring my breadboard with the LEDs. My plan was to keep the street light lined up nicely and separate from the crosswalk lights to make it easier to understand and read. I figured out which rows to plug everything into, then once I did that I entered in my wiringPi numbers into my program.

The hardest issue I ran into was making sure the do while loop was running properly. Once I added in my exit button, things got a little more complicated and it took quite some time to figure it out. The other challenge I ran into was making sure I was turning off one light before I turned on the next. It was a very simple mistake, but a crucial aspect of the project: it would be very confusing to drivers to have the green and yellow light on at the same time!

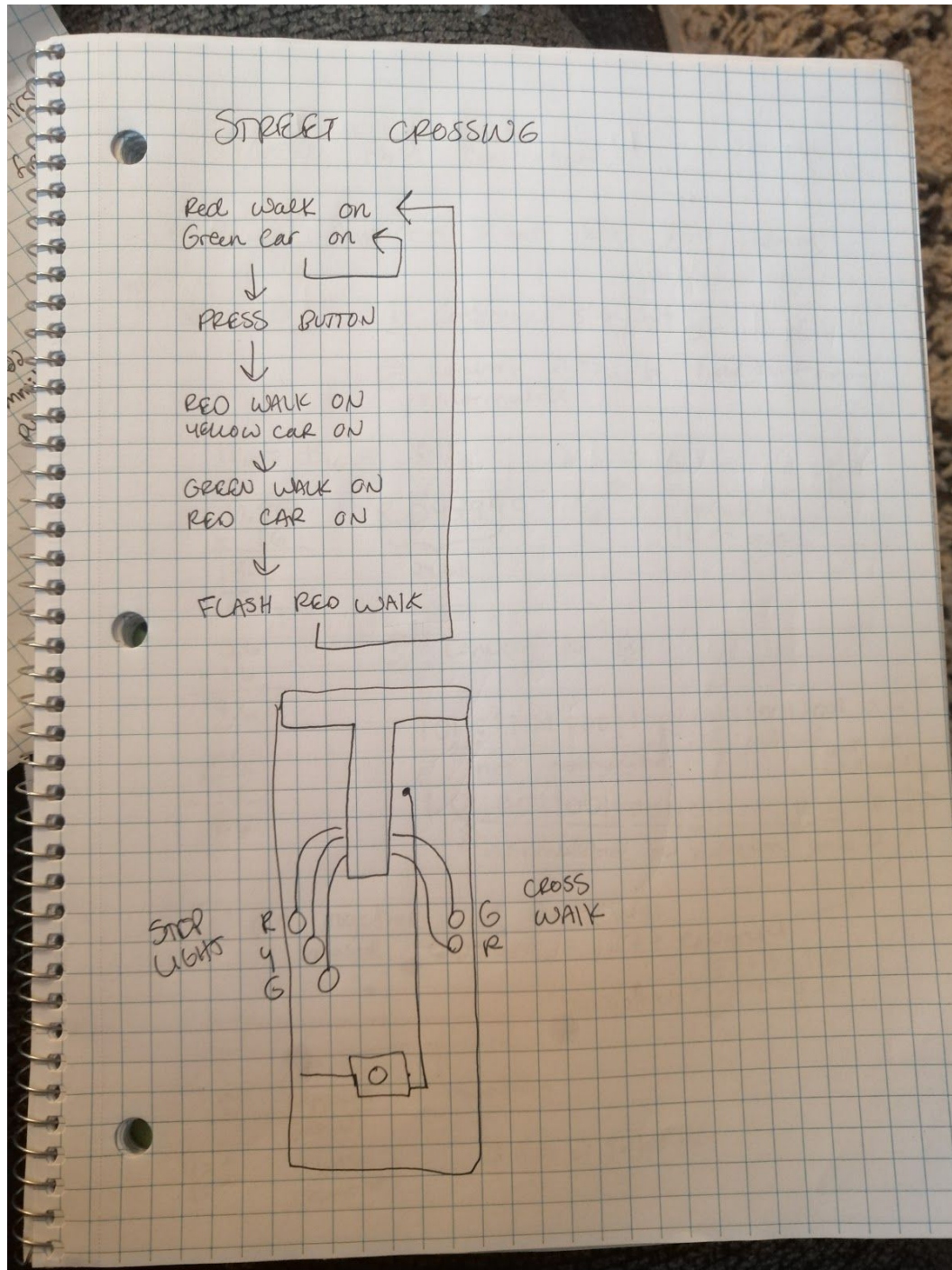
# Functions

pinOn: - to turn on the LED

pinOff: - to turn off the LED

setPinOutput: - set pin as output

## Plan/Drawings



## Pictures

