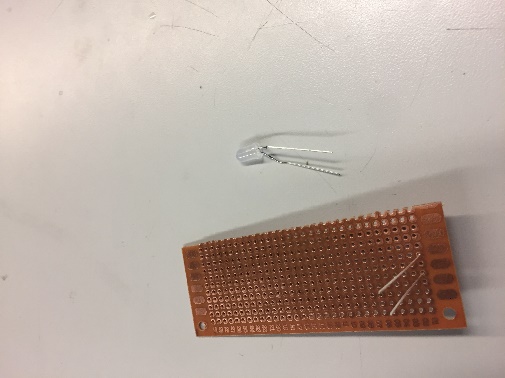
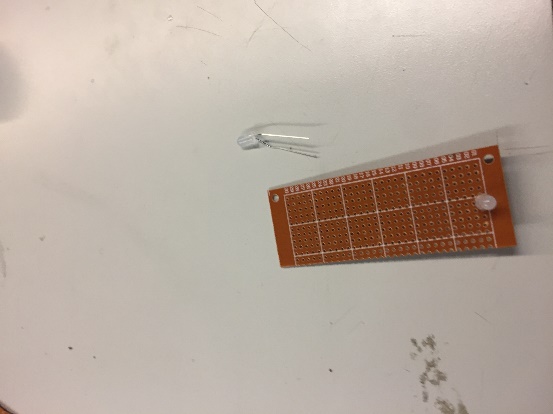
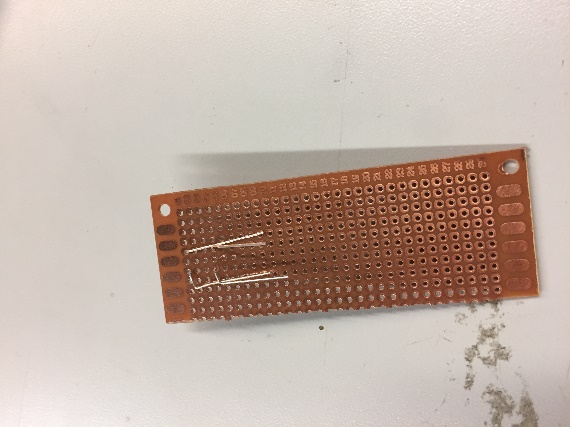
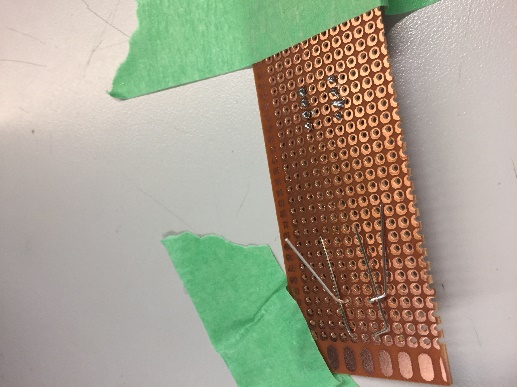
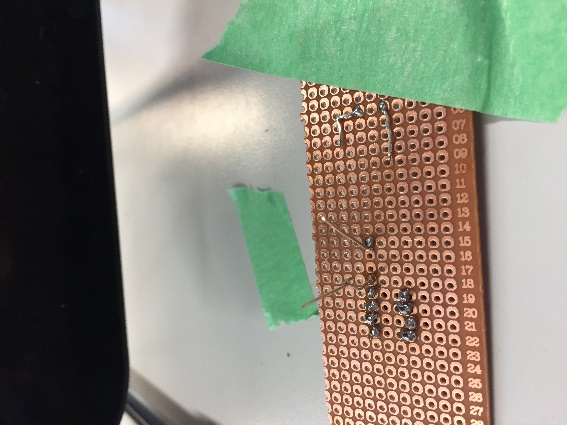
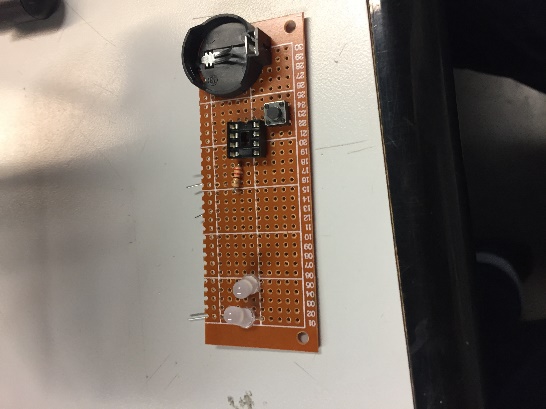
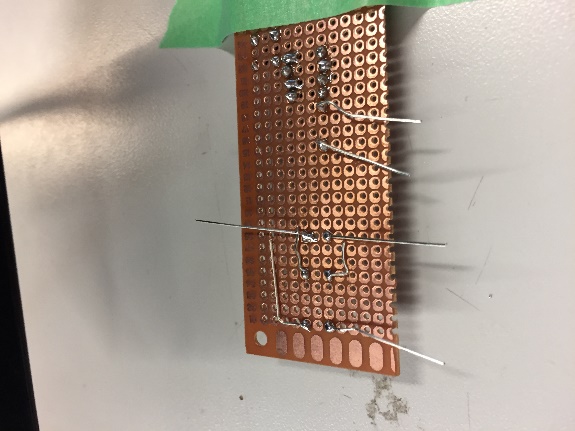
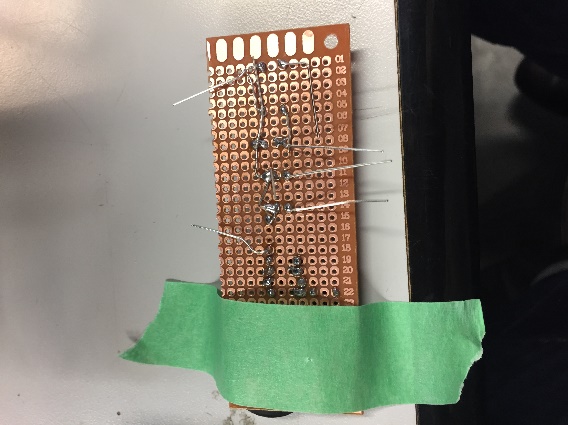
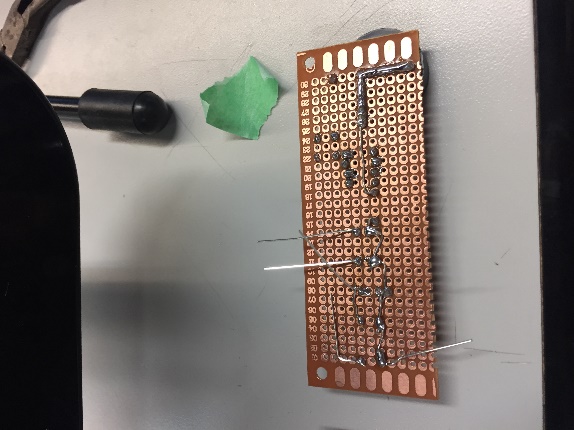
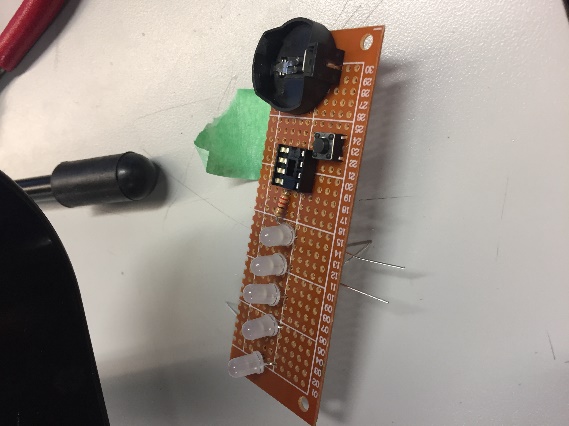
Christopher Cenci

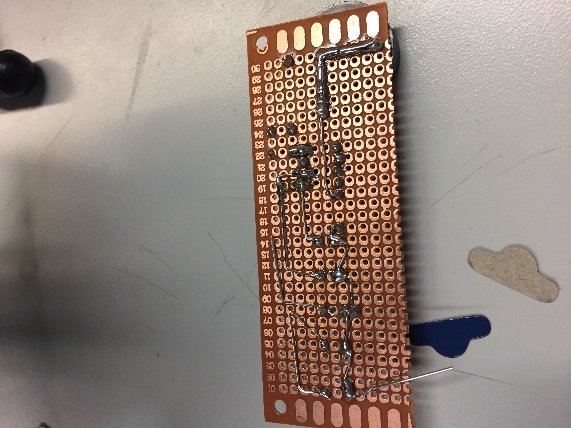
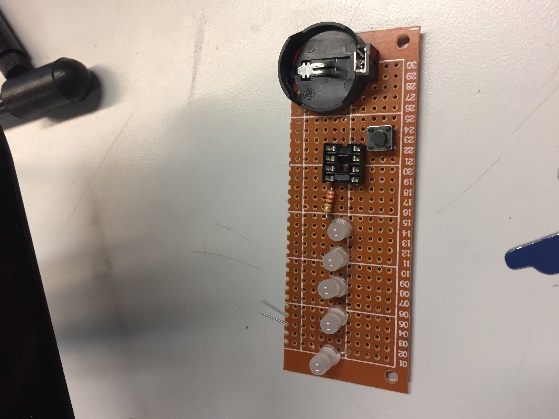
Etude 2

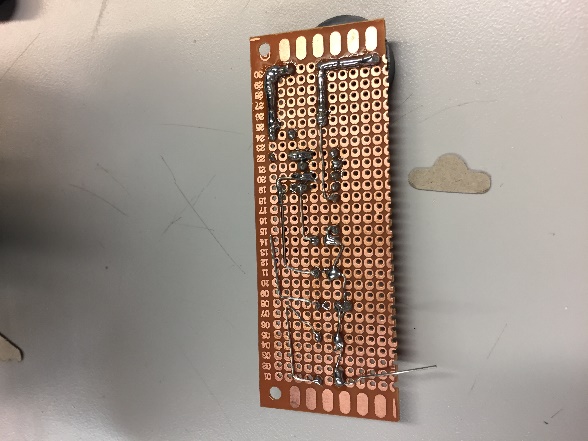
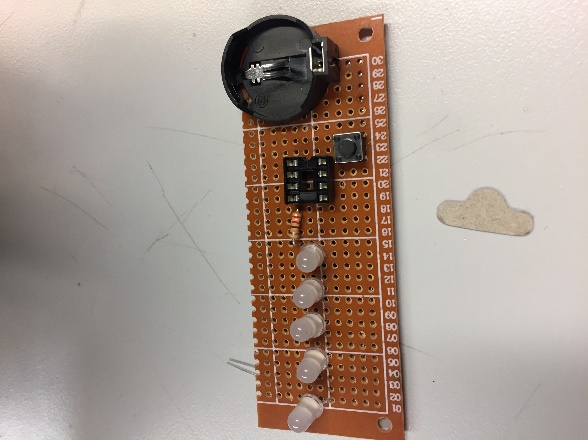
**Steps One through 10 of adding the Attiny85 library**

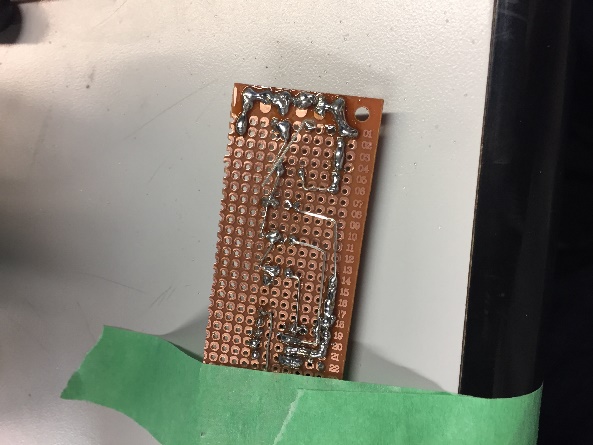
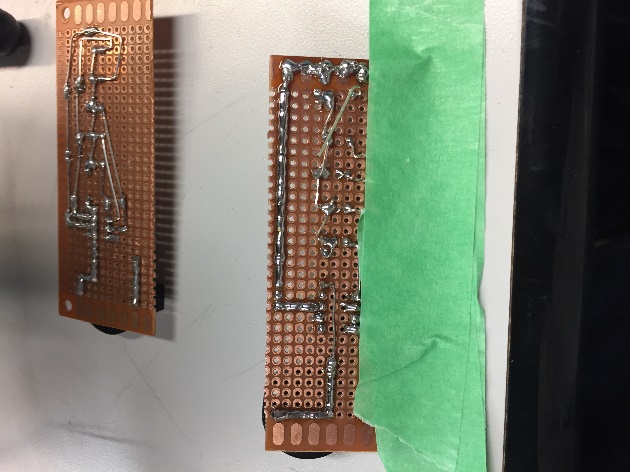
These steps were simple, I followed the instructions and the sketch compiled successfully.

While creating the actual Perceptron, I initially looked at the reference perceptron to aid me in my soldering. I planned my board out and started soldering the pieces. Upon completion, I realized that I misconnected two LED’s, which resulted in me starting over. The images are of my first attempt Perceptron.

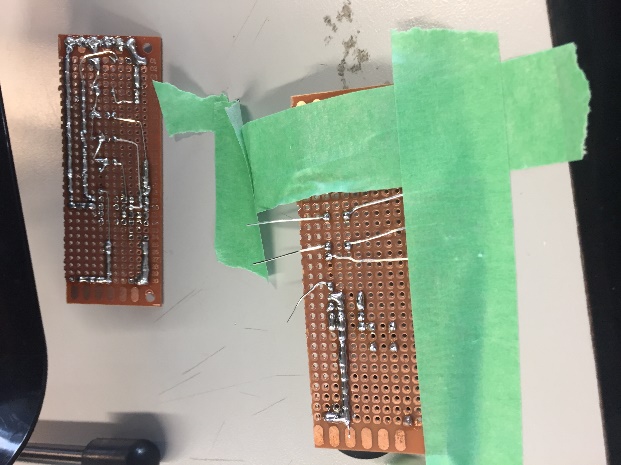
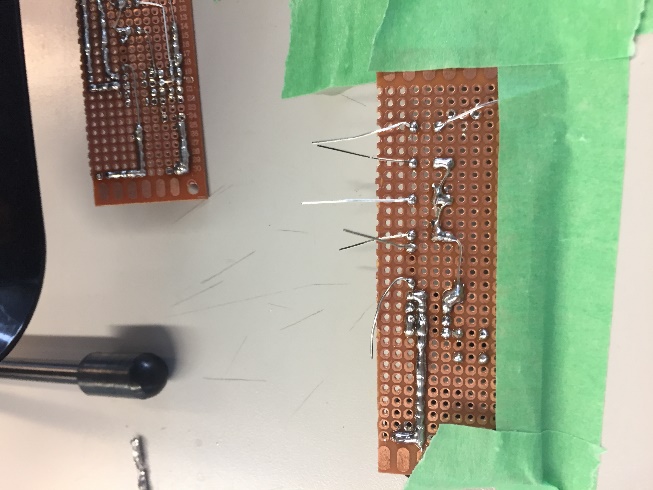
1.  2. 
2.  4. 
3.  6. 
4. 
5. 
6. 
7. 

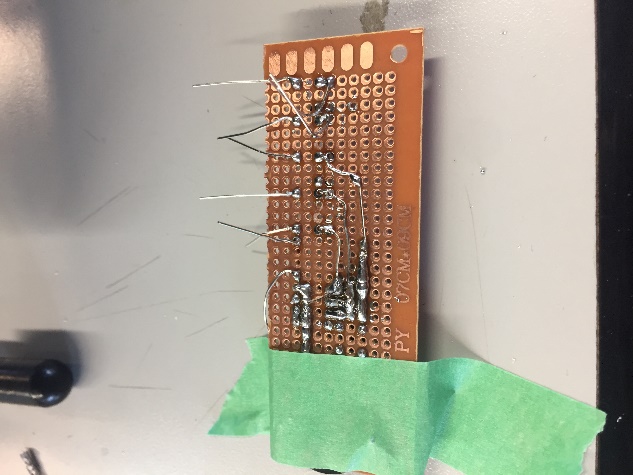
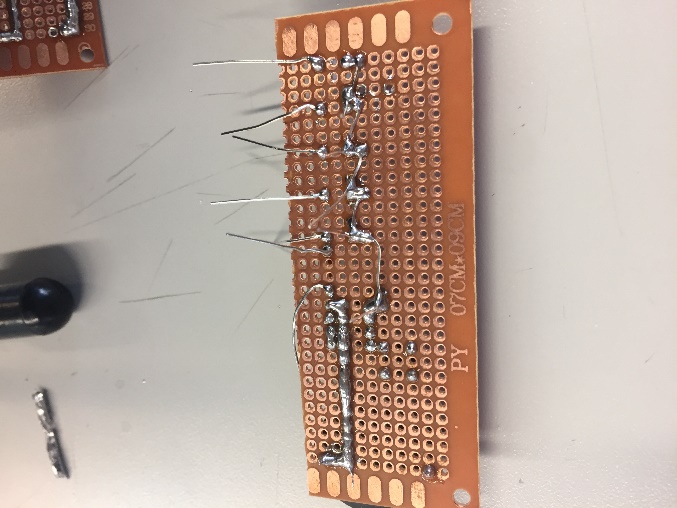
 

These photos are from the second attempt. I had miscalculated the amount of space I had, resulting in a tight fitted board.

**Part Two**

From what I am observing, the second circuit has a resistor connected to all LED’s while the first circuit has one resistor for all LED’s.