

Etude 2: LoopyLoop

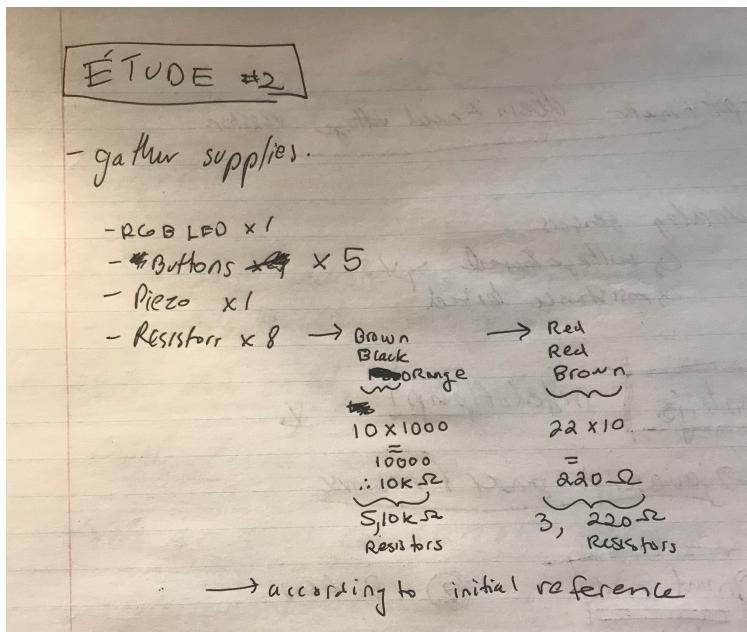
Maxime Gordon

(A) PART ONE - Building the circuit

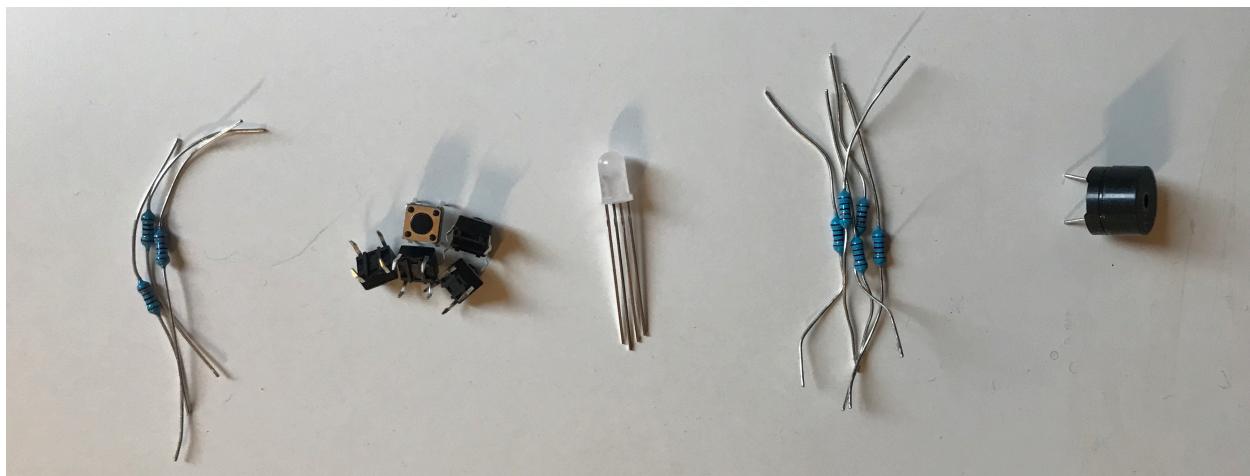
To start off building the circuit I first gathered all my supplies and determined what resistors I would need. Reading a resistor color chart and looking at the Fritzing diagram I determined that the 3 resistors connected to the LED would be 220 ohms each and all other 5 resistors would be 10k ohms each.

After gathering all supplies I then by connected the top and bottom power rails to each other with one black and one red jumper wire. I then connected the negative power rail to ground and the positive power rail to 5v on the Arduino. I then wired everything else up fairly easily paying close attention to place the cathode lead of the RGB LED in series with a jumper wire connected to the negative end of the power rail.

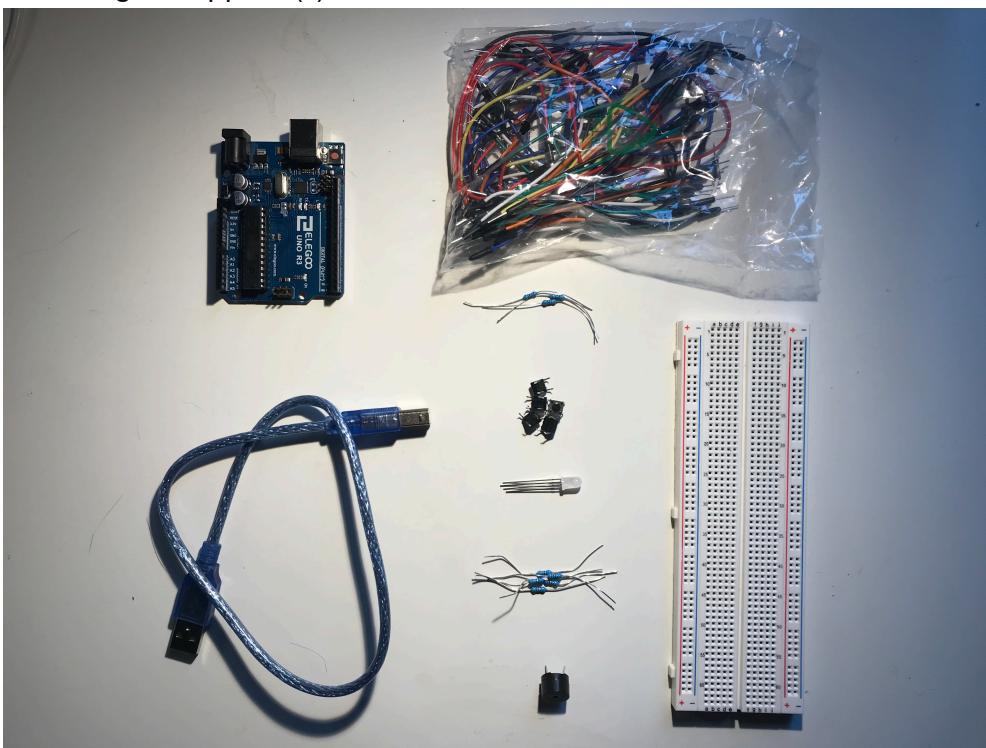
Figuring out resistors:



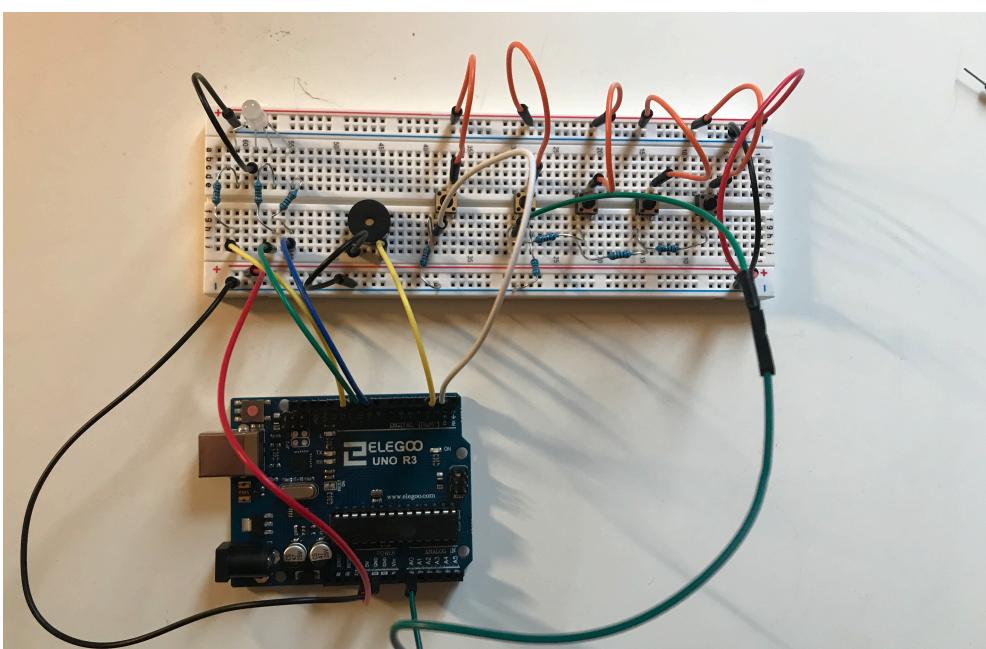
Gathering all supplies (1):



Gathering all supplies (2):



Completed circuit:



* For PART TWO & THREE - Please see the folder *