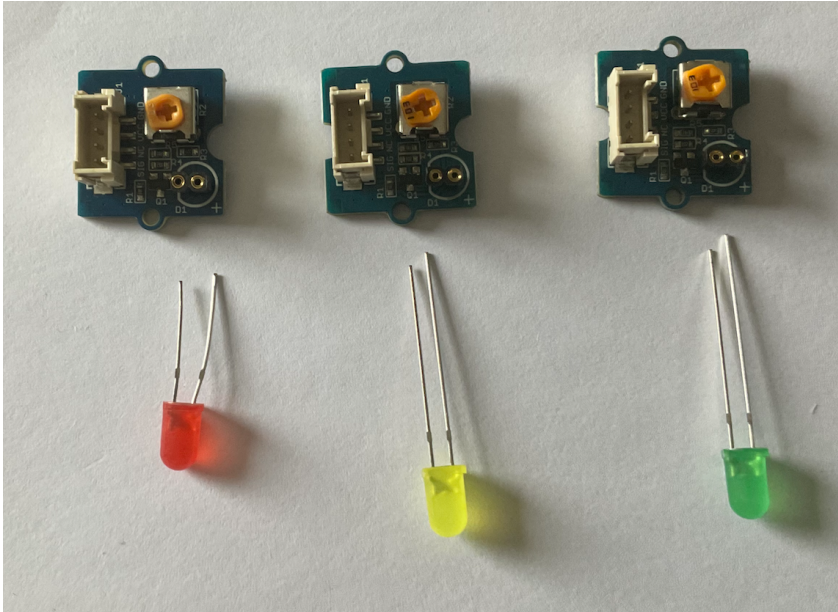
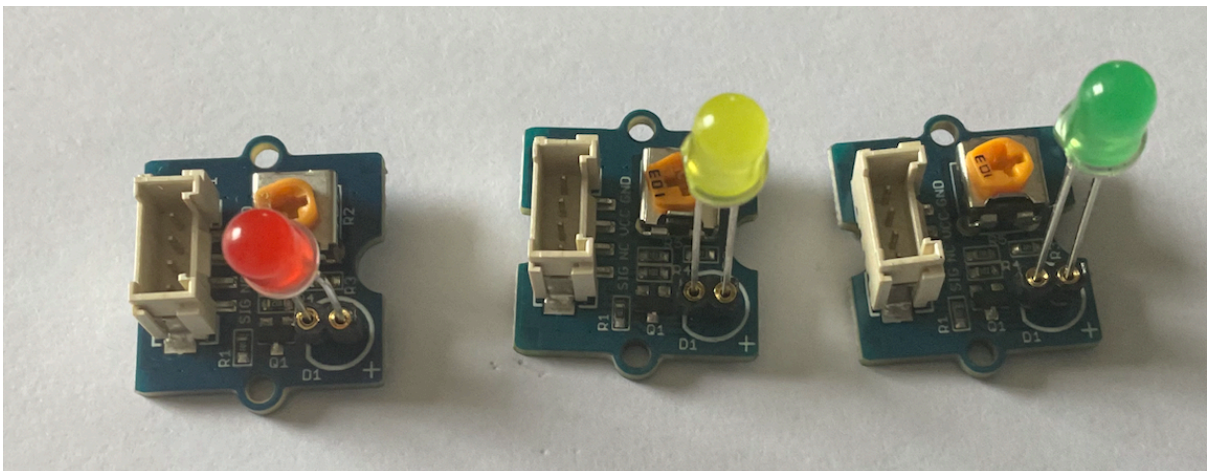


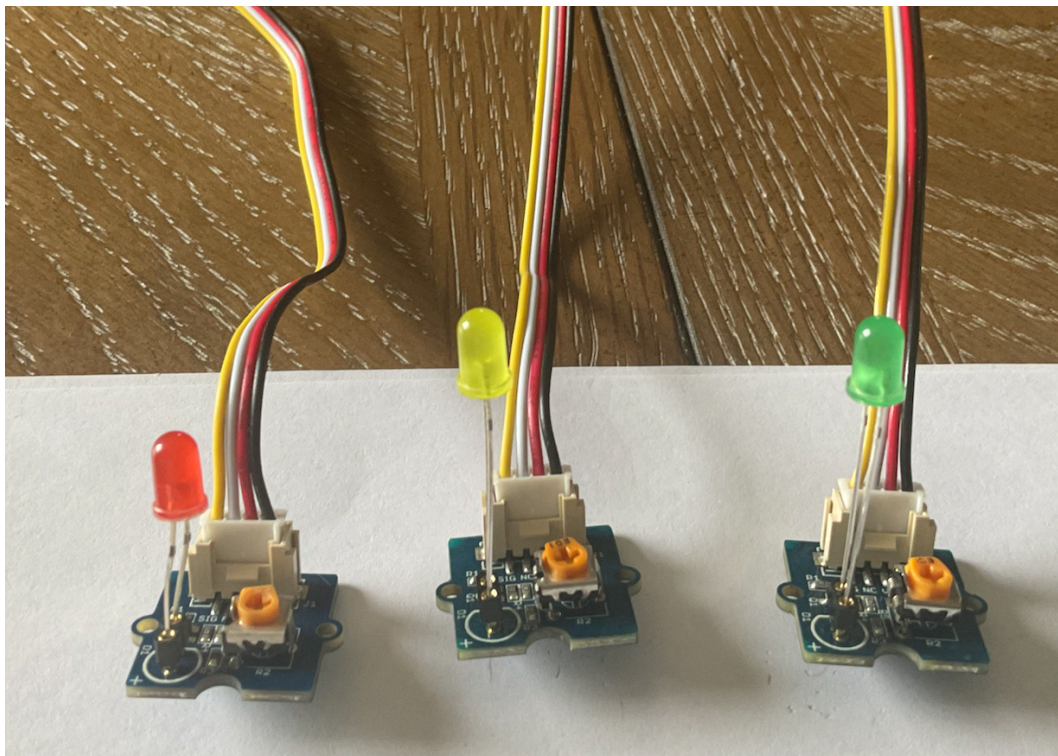
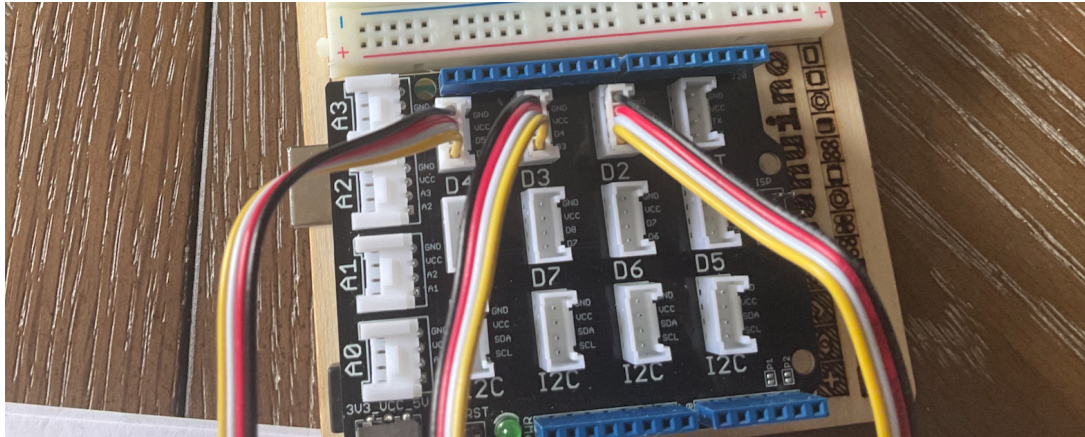
1. Get 3 LED sockets and 3 lights (one red, one orange/yellow, one green) and place them on the table. If they are already in the socket, go to STEP 3.



2. Each LED needs to go into the socket. Make sure the longer leg of an LED (which is the positive leg) goes into the + part of the socket (outer hole). If an LED isn't working later on, just try pulling it out of the socket, and flipping it around to the other side. The other issue might be the variable resistor on the module. Note the orange thing with a cross for a Phillips head on it. Make sure that has been rotated as much towards the Grove Connector part (where the cable goes in) to ensure the LED will be as bright as possible. If not, the LED might be so dim you don't notice it. Once in, the LEDs should look like this:

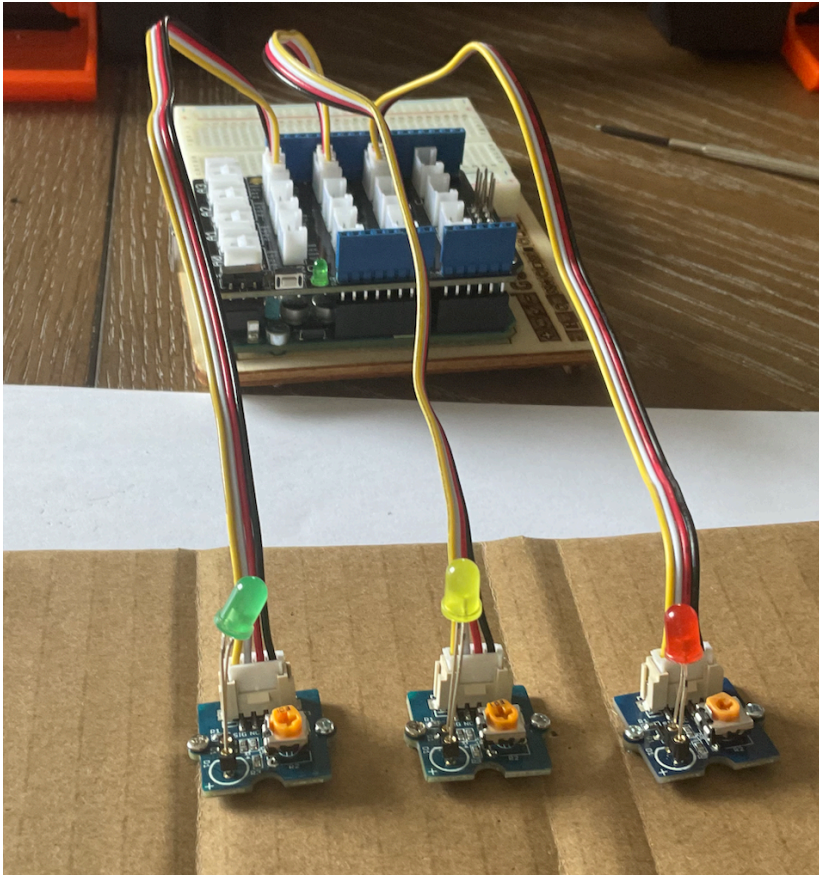


- Now, use the 3 cables to connect each LED module to the Grove Shield. For this tutorial, I have the red going to D2, the yellow/orange going to D3, and the green going to D4.





4. You can use the rickets or screws to hold the modules down to a piece of cardboard (or alternatively, balsa wood). Use a small screwdriver to screw them into the cardboard or balsa wood.



5. Finally, use the USB cable to connect the Arduino to the laptop.

