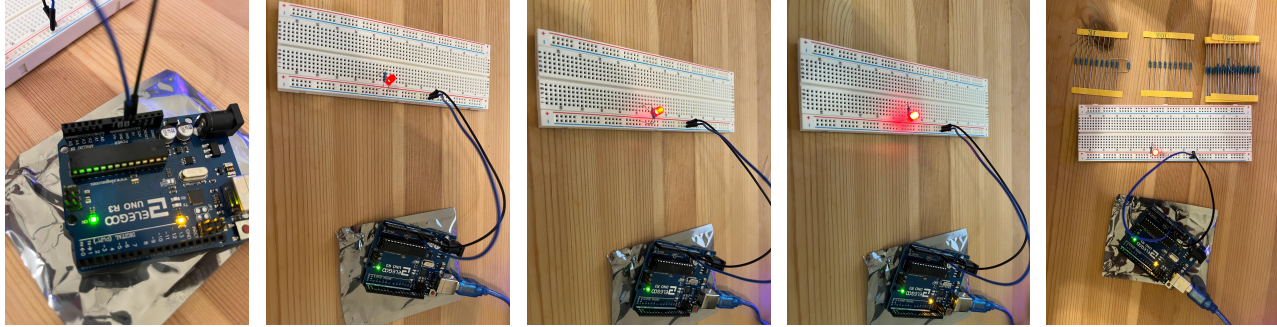Project Name: Adjusting LED Brightness using Different Resistors
Project Description: Using the Arduino, breadboard, jumper wires, 220 ohm resistor, 1k ohm resistor, 10k ohm resistor, and a red LED, I adjusted the brightness of the LED by swapping out the resistors on the breadboard.
Project date:7/28/2023

This was my first ever Arduino project and learned lots of things. I learned that if a higher ohm resistors is used, it delivers less electricity to the component. I learned that positive voltage should always be connected to the 5v pin on the Arduino and negative voltage should be connected to the GND pin. Hardest part of this was knowing where to place the components on the breadboard but got the hang of it pretty quick. I always like tinkering with LEDs, motors, and hot glue guns, I think this is really fun and excited for more interesting projects.