

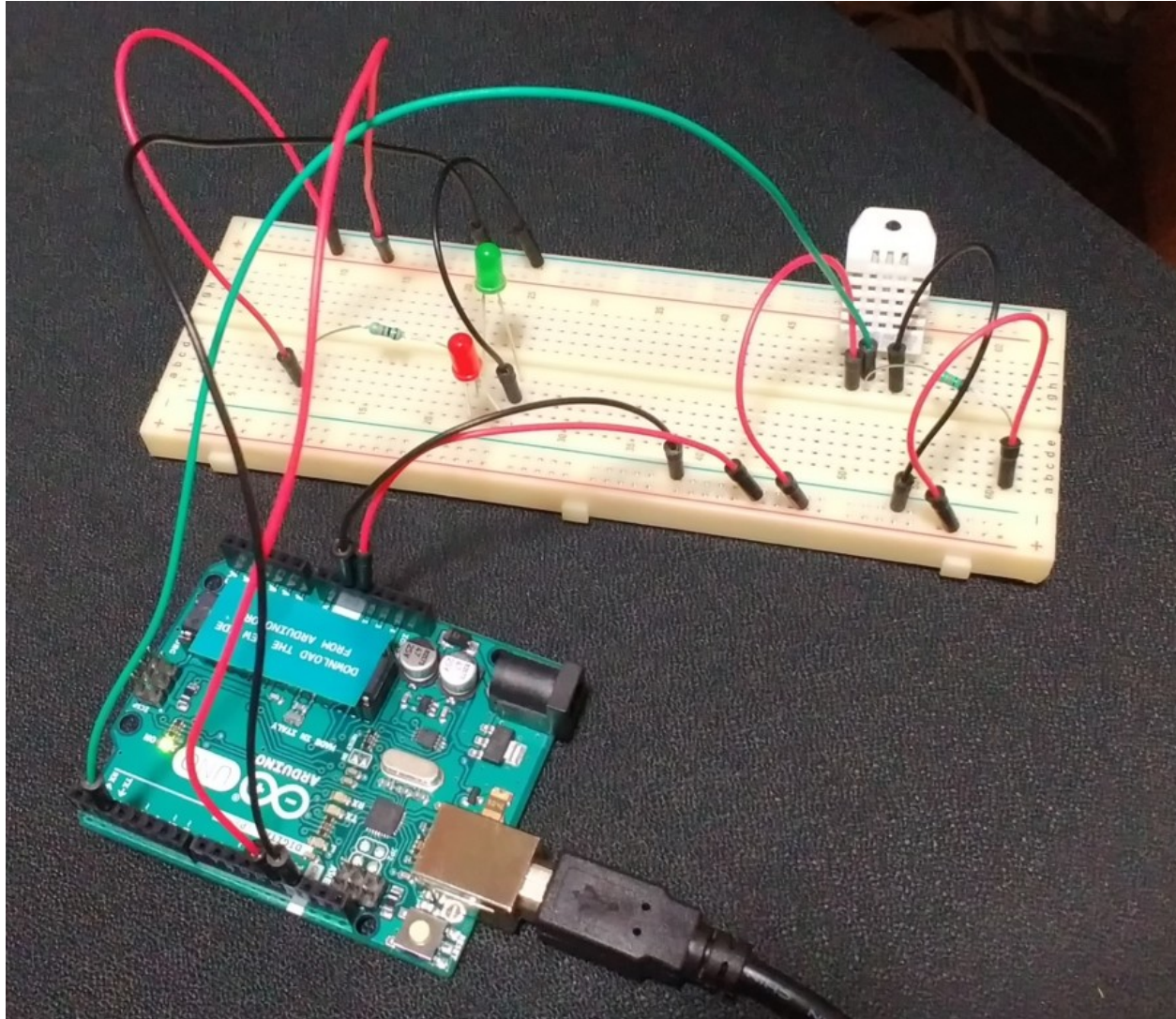
LED Blink experiment

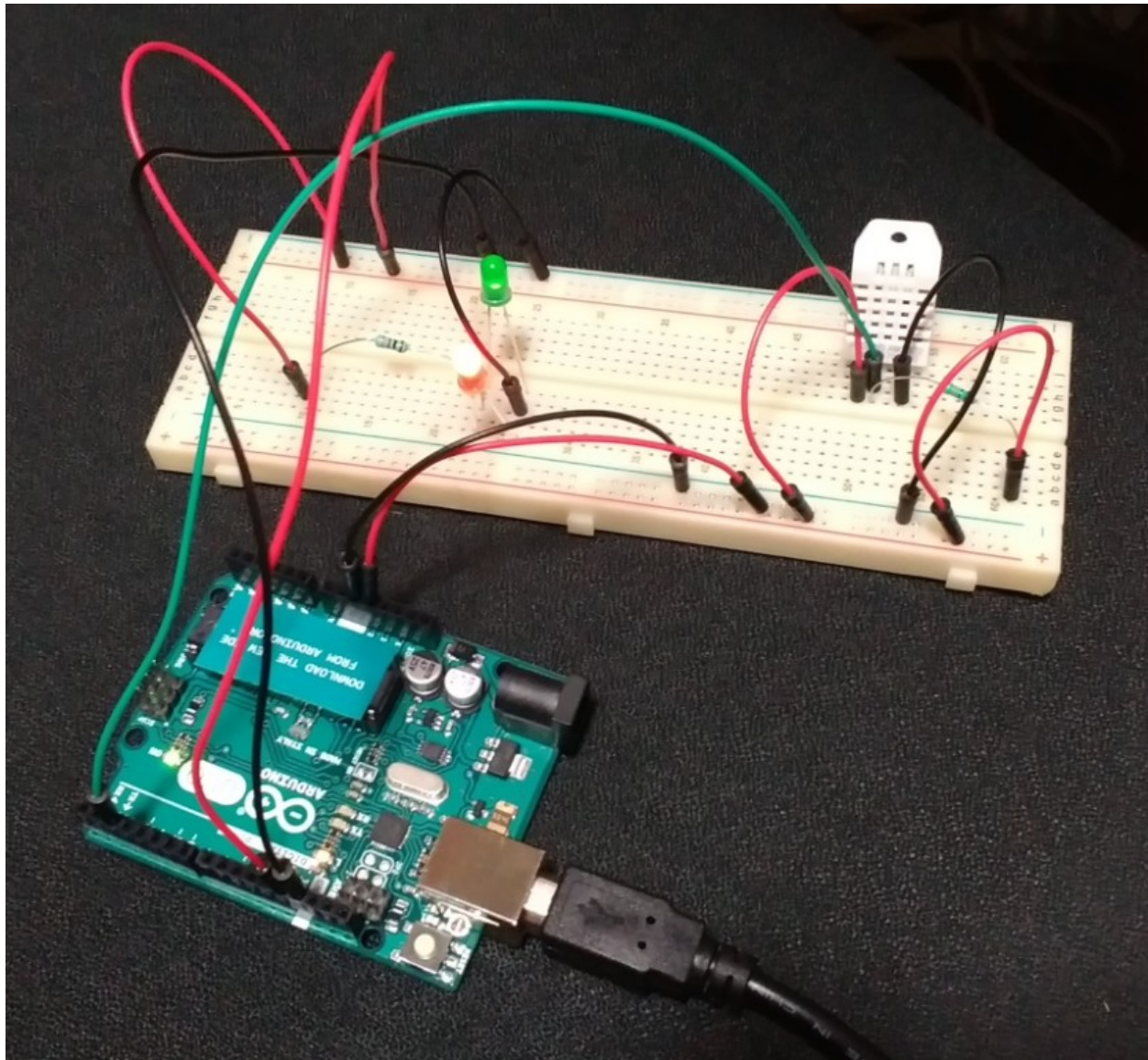
For this I have the example available in installed arduino IDE and made some modification to blink for 5 sec's. Please check the circuit below after successful experiment.

I will explain the pins used for this purpose. This has LED circuit plus DHT22 sensor circuit, but each one is using diff "+" and "-" sides on breadboard. Please observe carefully and understand.

<https://www.arduino.cc/en/Tutorial/Blink>

In the below picture, we have light blink circuit and DHT22 temperature, humidity sensor.





Circuit Pins and connections

We used pin 13 and GND next to it for connecting two LED's in the circuit.

"+" from the breadboard is connecting to LED's anode via 1 K ohm resistor and the LED's cathode is connected to ground.

Code



BlinkModified.ino

```
// the setup function runs once when you press reset or power the board
void setup() {
  // initialize digital pin 13 as an output.
  pinMode(13, OUTPUT);
}

// the loop function runs over and over again forever
void loop() {
  digitalWrite(13, HIGH); // turn the LED on (HIGH is the voltage level)
  delay(5000);            // wait for 5 second
  digitalWrite(13, LOW);  // turn the LED off by making the voltage LOW
  delay(5000);            // wait for 5 second
}
```



Blink.txt