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CMPEN 271

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Lab 4

# Code:

int lightPin = 0;

int ledPin = 10;

void setup()

{

Serial.begin(9600);

pinMode(ledPin, OUTPUT);

}

void loop() {

int lightVal = analogRead(lightPin);

Serial.println(lightVal);

if(lightVal<512)

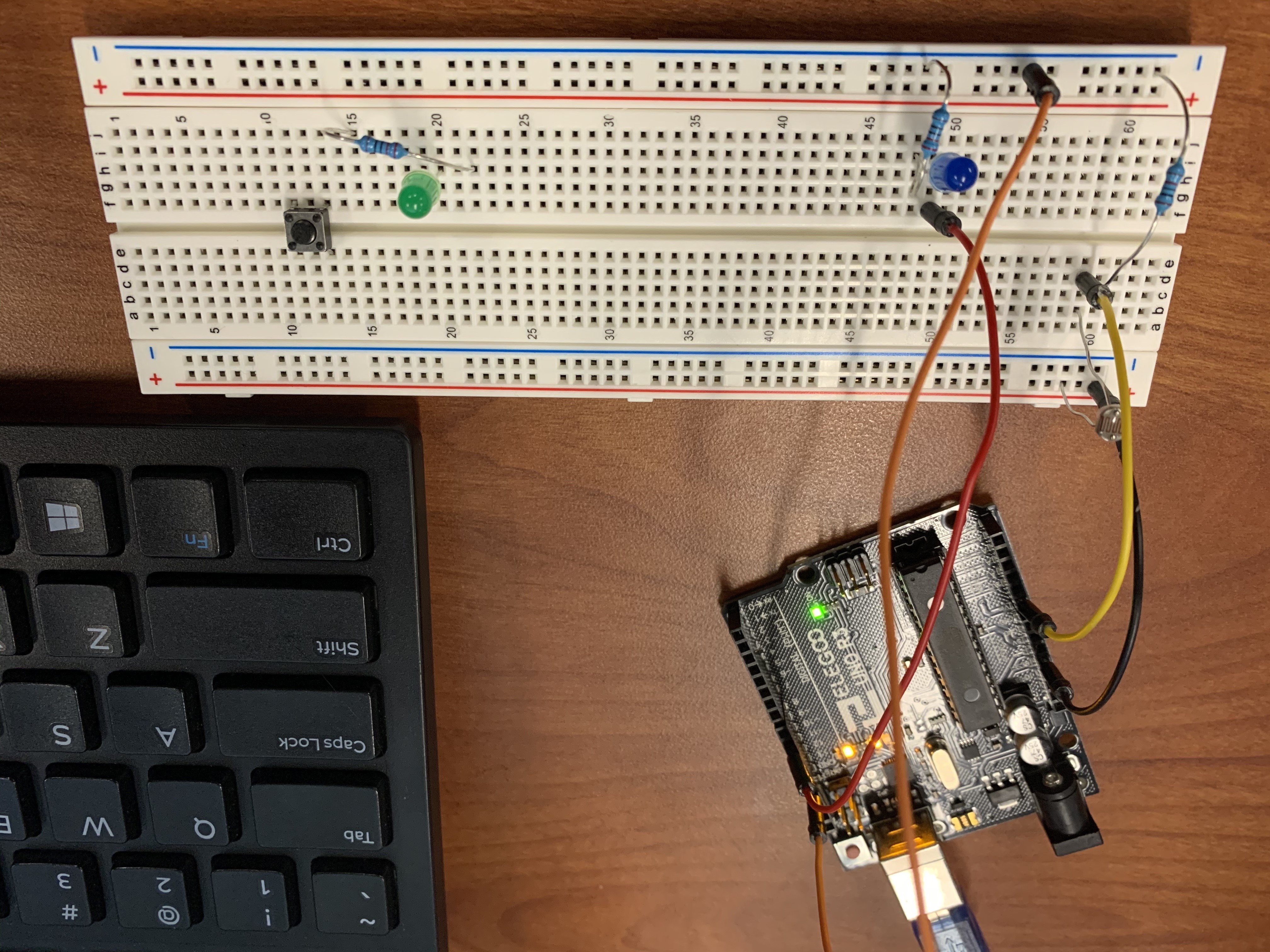
digitalWrite(ledPin, HIGH);

else

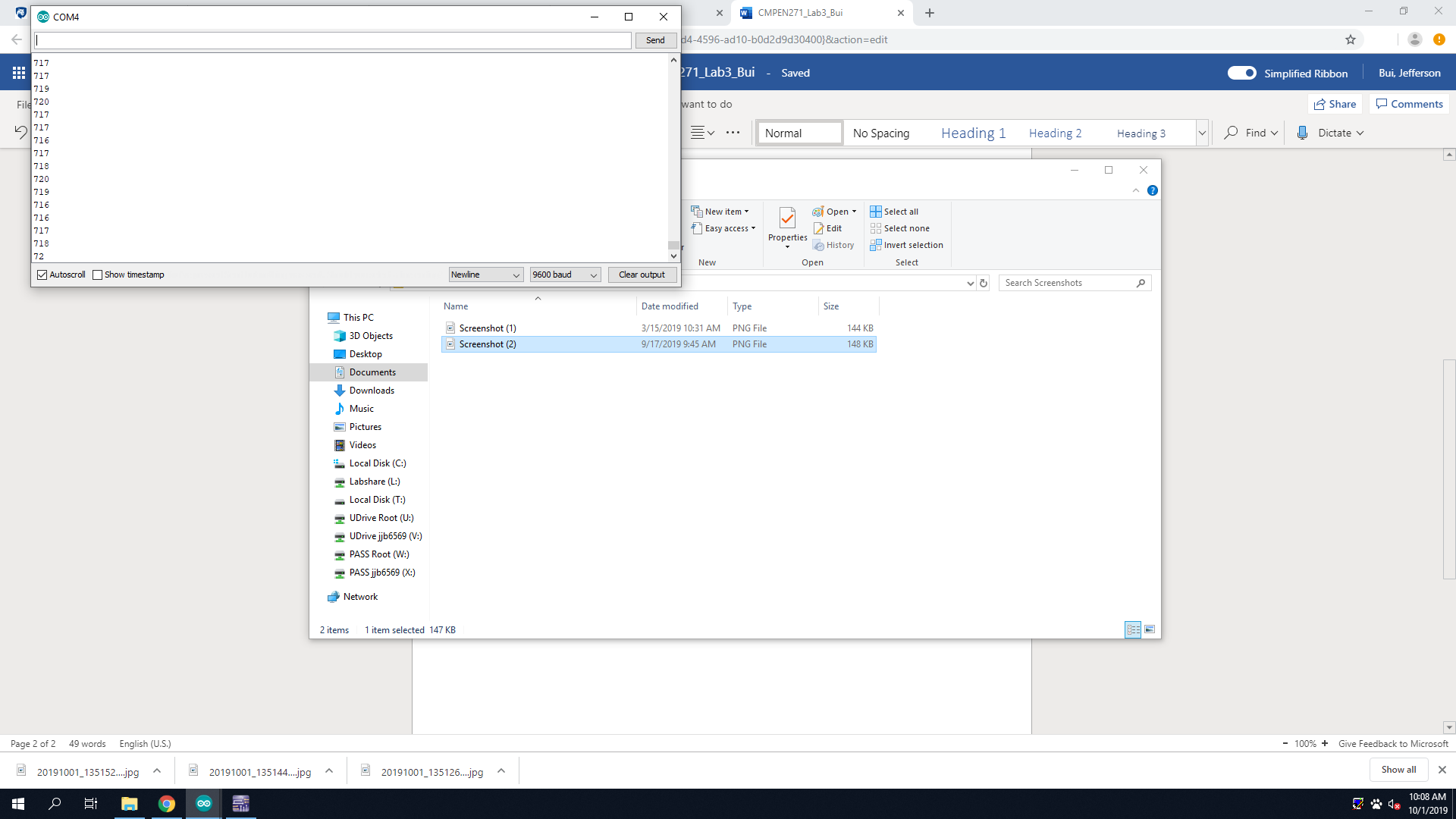
digitalWrite(ledPin, LOW);

}

# Circuit:



Serial Monitor Output when light intensity is high:



Serial Monitor Output when light intensity is low:

