## **INFRARED SENSOR**

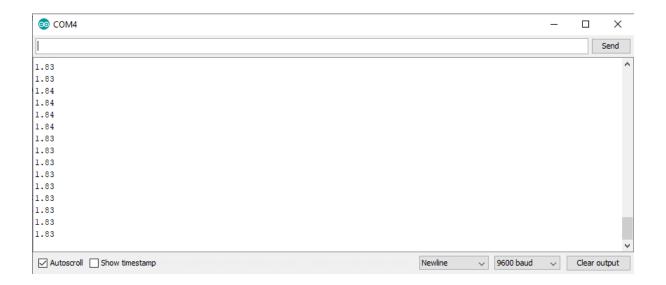
## **Programme Code:**

```
o infra | Arduino 1.8.9
File Edit Sketch Tools Help
infra
   onst int ProxSensor=A0;
float sensorValue = 0;
void setup()
  pinMode(13, OUTPUT);
                                        // Pin 13 has an built-in LED
  pinMode(ProxSensor,INFUT); // Fin 13 has an built-in LED

pinMode(ProxSensor,INFUT); // Pin 2 is connected to the output of proximity sensor

Serial.begin(9600);
void loop()
   \mbox{digitalWrite(13, HIGH);} // set the LED on
   else
     digitalWrite(13, LOW);  // set the LED off
sensorValue = analogRead(ProxSensor);
sensorValue = map(sensorValue, 0, 1023, 0, 1023);
float voltage = sensorValue * (3.3/1024);
delay(100);
                            // wait for a second
Sketch uses 3564 bytes (11%) of program storage space. Maximum is 32256 bytes.
Global variables use 200 bytes (9%) of dynamic memory, leaving 1848 bytes for local variables. Maximum is 2048 bytes.
```

## **Readings:**



## **Connection:**

