

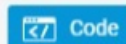


Copy of ASSIGNMENT 1

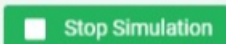
Saved



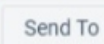
Simulator time: 00:00:22



Code



Stop Simulation

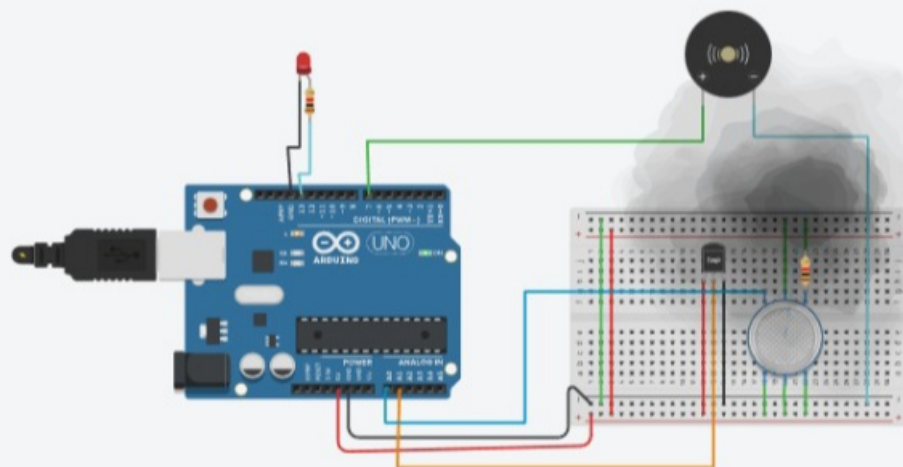


Send To



Gas Sensor

Name 1



1 (Arduino Uno R3)

```
1
2 float temp;
3 float vout;
4 float vout1;
5 int LED = 13;
6 int gasSensor;
7 int piezo = 7;
8 void setup()
9 {
10 pinMode(A0, INPUT);
11 pinMode(A1, INPUT);
12 pinMode(LED, OUTPUT);
13 pinMode(piezo, OUTPUT);
14 Serial.begin(9600);
15 }
16 void loop()
17 {
18 vout=analogRead(A1);
19 vout1=(vout/1023)*5000;
```

Serial Monitor

piezo ON
in DegreeC= 87.83 GasSensor= 136
LED ON
piezo ON
in DegreeC= 87.83 GasSensor= 136
LED ON
piezo ON
in DegreeC= 87.83 GasSensor= 136

Send

Clear

