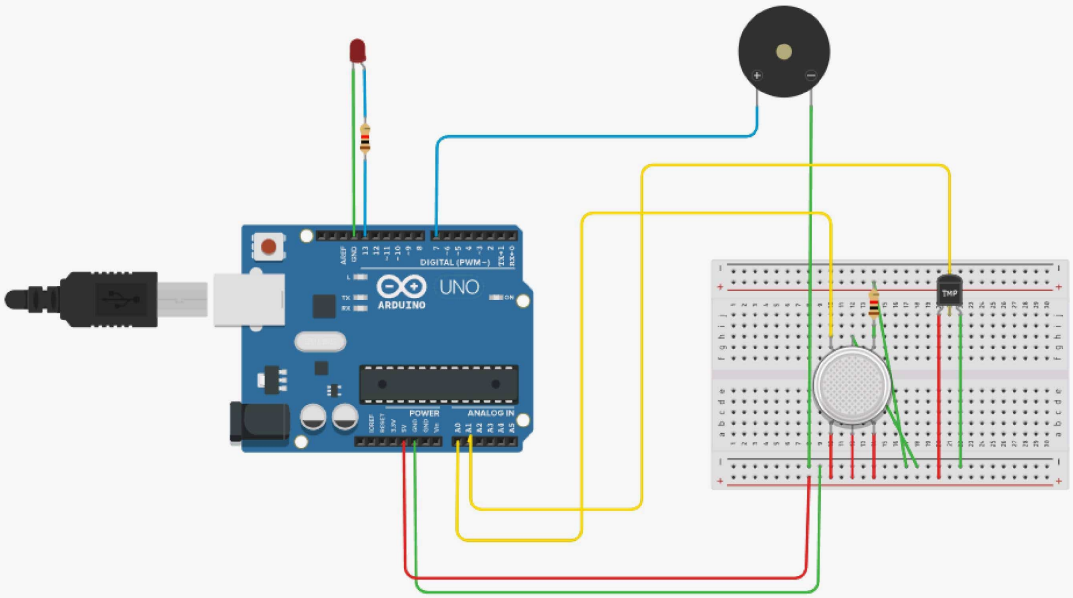
DIGITAL (PWM~)
UNO
ARDUINO
POWER
ANALOG IN
TMP

```
float temp;
float vout;
float vout1;
int LED = 13;
int gasSensor;
int piezo = 7;
void setup()
{
  pinMode(A0,INPUT);
  pinMode(A1,INPUT);
  pinMode(LED,OUTPUT);
  pinMode(piezo,OUTPUT);
  Serial.begin(9600);
}
void loop()
{
  vout = analogRead(A1);
  vout1 = (vout/1023)*5000;
  temp = (vout1- 500)/10;
  gasSensor = analogRead(A0);
  if (temp>=80)
  {
    digitalWrite(LED,HIGH);
  }
  else
  {
    digitalWrite(LED,LOW);
  }
  if(gasSensor>=100)
     {
     digitalWrite(piezo,HIGH);
     }
     else
     {
     digitalWrite(piezo,LOW);
     }
     Serial.print("in DegreeC =  ");
     Serial.print(" ");
     Serial.print(temp);
     Serial.print("\t");
     Serial.print("gas sensor = ");
     Serial.print(" ");
     Serial.print(gasSensor);
     Serial.println();
     delay(1000);
     }
```