GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

TEAM ID : PNT2022TMID4370

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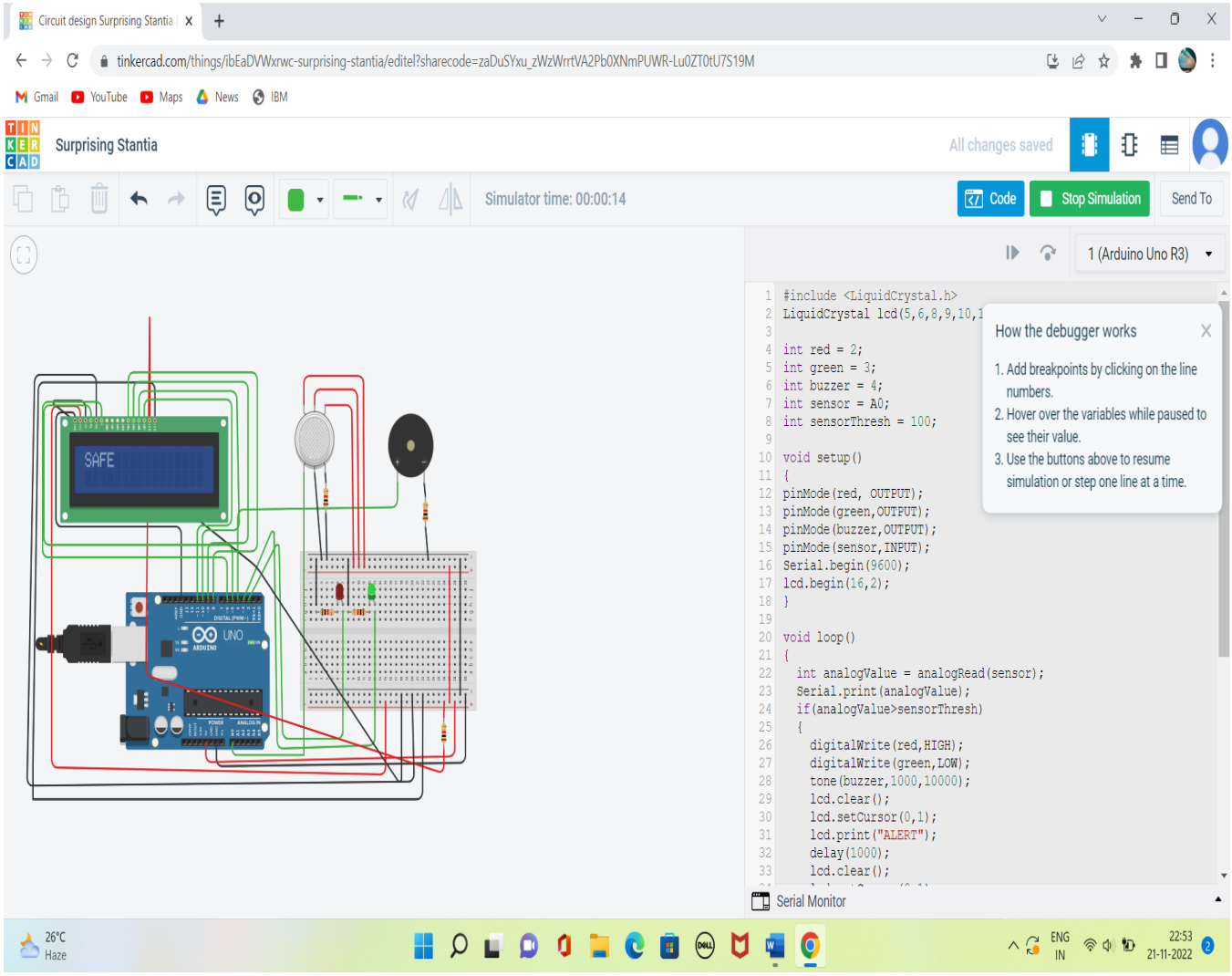
TINKER CARD STIMULATION :

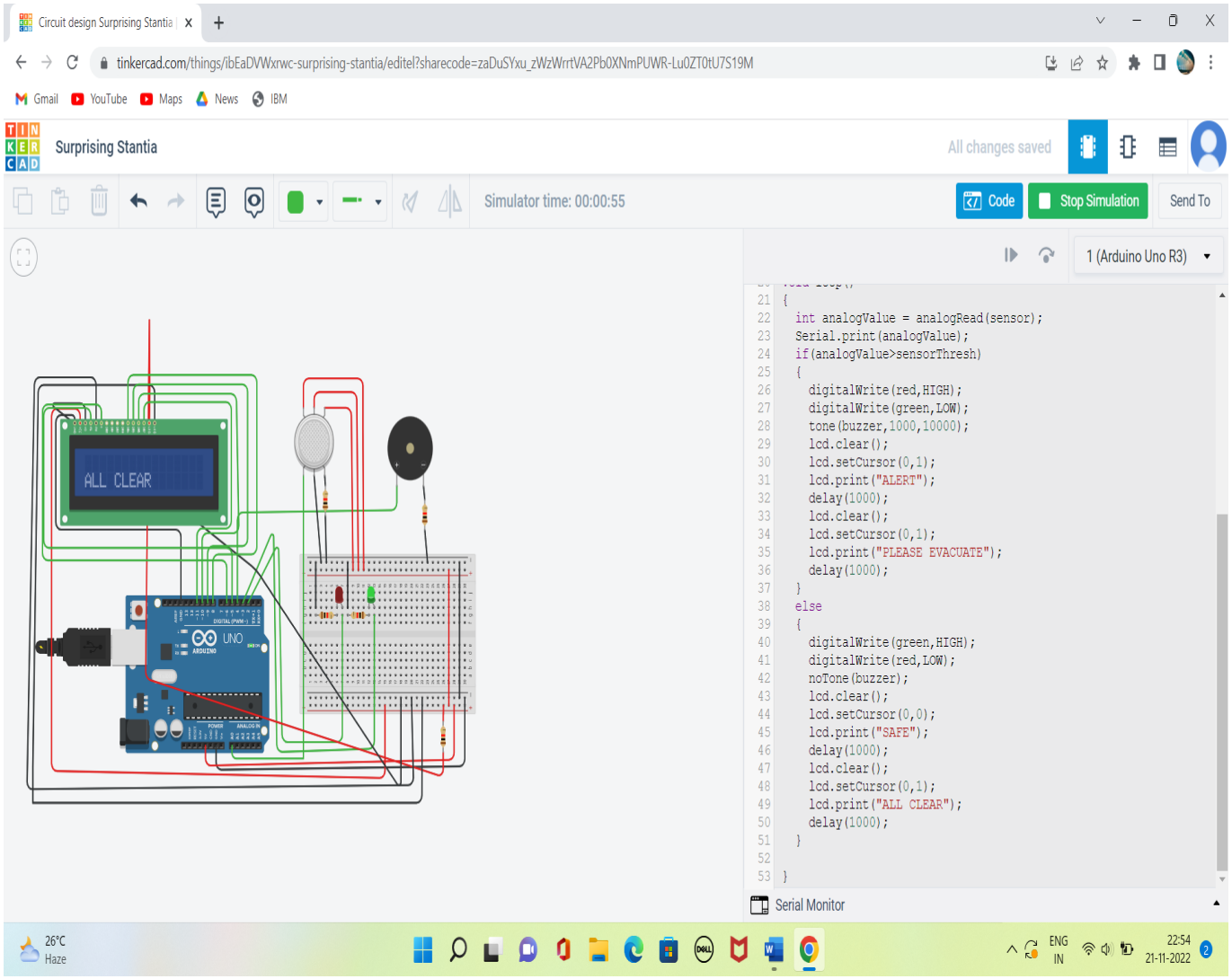



```
#include <LiquidCrystal.h>
LiquidCrystal lcd(5,6,8,9,10,1

int red = 2;
int green = 3;
int buzzer = 4;
int sensor = A0;
int sensorThresh = 100;

void setup()
{
pinMode(red, OUTPUT);
pinMode(green,OUTPUT);
pinMode(buzzer,OUTPUT);
pinMode(sensor,INPUT);
Serial.begin(9600);
lcd.begin(16,2);
}

void loop()
{
  int analogValue = analogRead(sensor);
  Serial.print(analogValue);
  if(analogValue>sensorThresh)
  {
    digitalWrite(red,HIGH);
    digitalWrite(green,LOW);
    tone(buzzer,1000,10000);
    lcd.clear();
    lcd.setCursor(0,1);
    lcd.print("ALERT");
    delay(1000);
    lcd.clear();
```



https://www.tinkercad.com/things/ibEaDVWxrwc-surprising-stantia/editel?sharecode=zaDuSYxu_zWzWrrtVA2Pb0XNmPUWR-Lu0ZT0tU7S19M