

SPRINT - 1

Code for safety aLARM

```
int LED = A1;
int buzz = 3;
const int gas = 0;
int MQ2pin = A0;

void setup() {
  Serial.begin(9600);
}

void loop() {
  float sensorValue, MQ2pin;
  sensorValue = analogRead(MQ2pin); // read analog input pin 0

  if(sensorValue >= 470){
    digitalWrite(LED,HIGH);
    digitalWrite(buzz,HIGH);
    Serial.println("DANGER");

  }
  else{
    digitalWrite(LED,LOW);
    digitalWrite(buzz,LOW);
    Serial.println("SAFE ");
  }
  delay(100);
}

float getsensorValue(int pin){
  return (analogRead(pin));
}
```