void setup()

{

Serial.begin(9600);

pinMode(13,OUTPUT);

}

void loop()

{

float sensorValue=analogRead(A0);

if(sensorValue>=300)

{

digitalWrite(13,HIGH);

Serial.println(sensorValue);

Serial.println("GAS LEAK ALERT");

}

else

{

digitalWrite(13,LOW);

Serial.println(sensorValue);

Serial.println("SAFE");

}

delay(1000);

}