**ASSIGNMENT 1**

# IBM-Project-49635-1660830917

Gas Leakage monitoring &amp; Alerting systems for Industries

make a smart home with at least 2 sensors and an led buzzer. in tinkercad.

CODE:

int gasSensor=A1;

int buzzer=13;

int led=12;

void setup()

{

pinMode(A1,INPUT);

pinMode(buzzer,OUTPUT);

pinMode(led,OUTPUT);

Serial.begin(9600);

}

void loop()

{

int sensorValue=analogRead(gasSensor);

Serial.print("GAS LEVEL:");

Serial.println(sensorValue);

delay(1000);

if (sensorValue>250)

{

digitalWrite(buzzer,HIGH);

digitalWrite(led,HIGH);

}

else

{

digitalWrite(buzzer,LOW);

digitalWrite(led,LOW);

 }

}

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