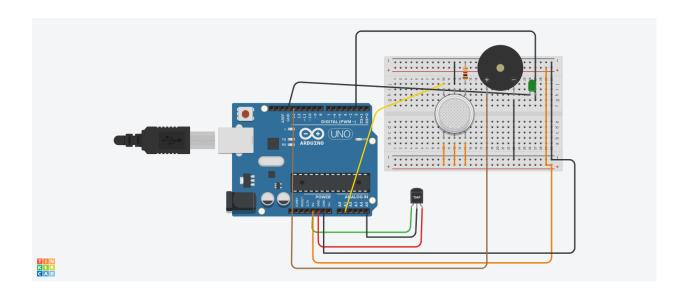
ASSIGNMENT 1

 $\mathsf{NAME} \colon \mathsf{GANE8H.9}$

REG.NO: 110719106008

Build a smart home in tinkercad use atleast 2 sensor, LED, Buzzer in a circuits simulate in a single code

Simulation:



Code:

```
int tmp = \mathcal{A}5;
int gasSensor=A1;
int buzzer=13;
int led=2;
void setup()
 pin Mode (tmp, INPUT);
 pinMode(A1, INPUF);
 pinMode(buzzer,OUTPUT);
 pinMode(led,OUTPUT);
 Serial.begin(9600);
void loop()
 tmp = analog \Re ead(tmp);
 tmp = tmp * 0.488;
 Serial.print("Imp:");
 Serial.println(tmp);
 int sensor Value = analog Read (gas & ensor):
 Serial.print("GAS LEVEL:"):
 Serial.println(sensorValue);
 detay(1000):
 if(sensorValue>250)
```

```
digitalWrite(buzzer, HIGH):
digitalWrite(led, HIGH):
}
else
{
digitalWrite(buzzer, LOW):
digitalWrite(led, LOW):
}
```

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