

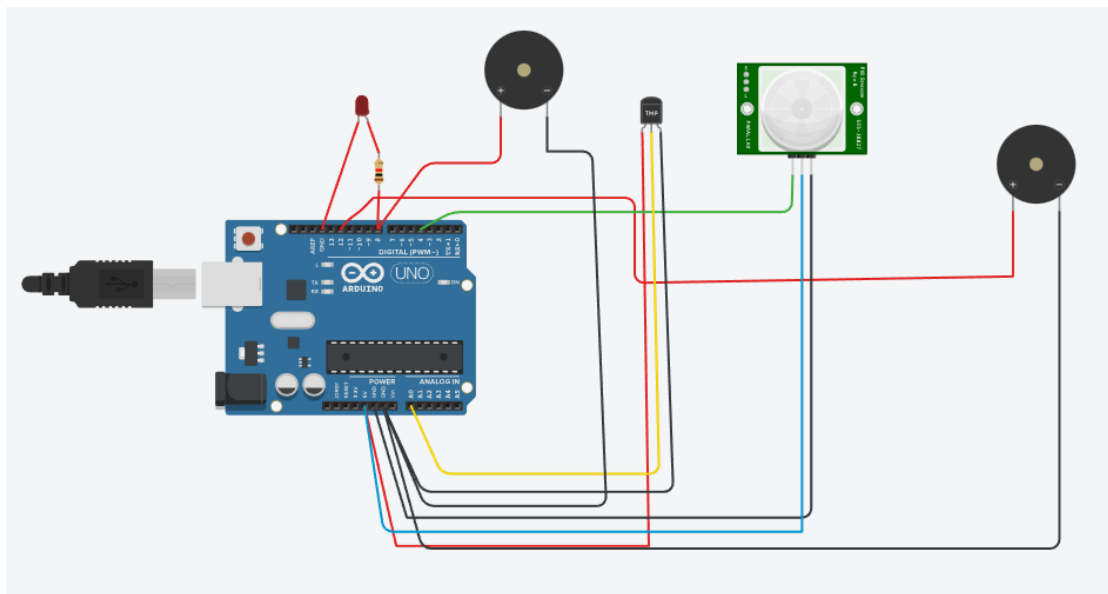
ASSIGNMENT-1

REGNO NO:	731219106011
TEAM ID:	PNT2022TMID44437
PROJECT NAME:	Smart Farmer IOT Enabled Smart Farming Applications

ASSIGNMENT-1 TITLE:

Make a Smart Home in Tinkercad,Using Sensors,LED,Buzzer in Single Code And Circuit.

CIRCUIT:



PROGRAM:

```
void setup()
{
  pinMode(12,OUTPUT);
  pinMode(8,OUTPUT);
  pinMode(4,INPUT);
  Serial.begin(9600);
  pinMode(13,OUTPUT);
}
```

```

void loop()
{
  int p=digitalRead(4);
  delay(20);
  if(p)
  {
    tone(12,800);
    delay(500);
    noTone(12);
    delay(100);
  }
  double t=analogRead(A0);
  double e=(((t/1024)*5)-0.5)*100;
  Serial.println(e);
  delay(200);
  if(e>25)
  {
    tone(8,9600);
    delay(500);
    noTone(8);
    delay(100);
  }
}

```

OUTPUT:

