Assignment Date	15 September 2022
Student Name	T.CHAKRI
Student Roll Number	721419106035
Maximum Marks	2 Marks

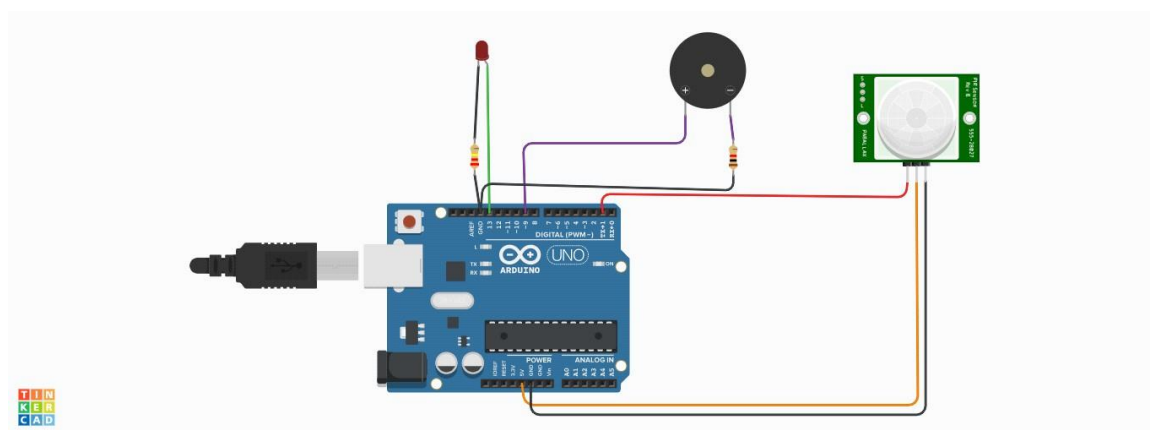**Question-1:**

ASSIGNMENT:

Make a smart home with 2-3 sensors, LED, Buzzer. in single code and connections.

CODE:

```
int a=0; void

setup()

{

  pinMode(13,OUTPUT);

pinMode(9,OUTPUT);

pinMode(1,INPUT);

}

void loop()

{

  a= digitalRead(1);

if(a==HIGH)

 {

   digitalWrite(13,HIGH);

tone(9,1000);

 }

 else

 {
```

```
   digitalWrite(13,LOW);

noTone(9);

 }

 delay(20);

}
```

CIRCUIT:

REFERENCE:

https://www.tinkercad.com/things/bebVNnV9FAT-keerthanak/editel