Assignment -1

HOME AUTOMATION

Assignment Date	15 September 2022
Student Name	K.KEERTHANA
Student Roll Number	510119106007
Maximum Marks	2 Marks

Question-1:

ASSIGNMENT:

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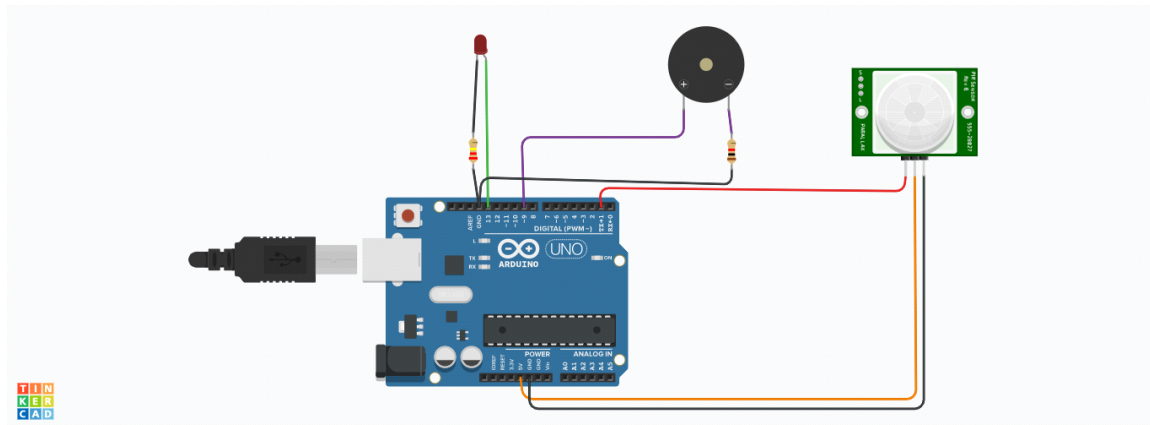
CODE:

```
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: