

Assignment -1

Assignment Date	18 September 2022
Student Name	Mr.J.Justin raj
Student Roll Number	821919104007
Maximum Marks	2 Marks

Question-1:

Make a Smart Home in Tinkercad, Using 2+ sensors, LED, Buzzer in single code and Circuit

Solution:

```
float x,y ;

void setup ()

{

  pinMode( 8, INPUT);

  pinMode( 5, OUTPUT);

  pinMode( A5, INPUT);

  Serial.begin(9600);

}

void loop ()

{

  x= digitalRead(8);

  y= analogRead(A5);

  Serial.println(x);

  Serial.println(y);

  if ( (x>0) && (y<550))

  {

    digitalWrite(5, HIGH);

    delay (5000);

  }

  else
```

```
digitalWrite(5, 0);
```

```
}
```

Output:

