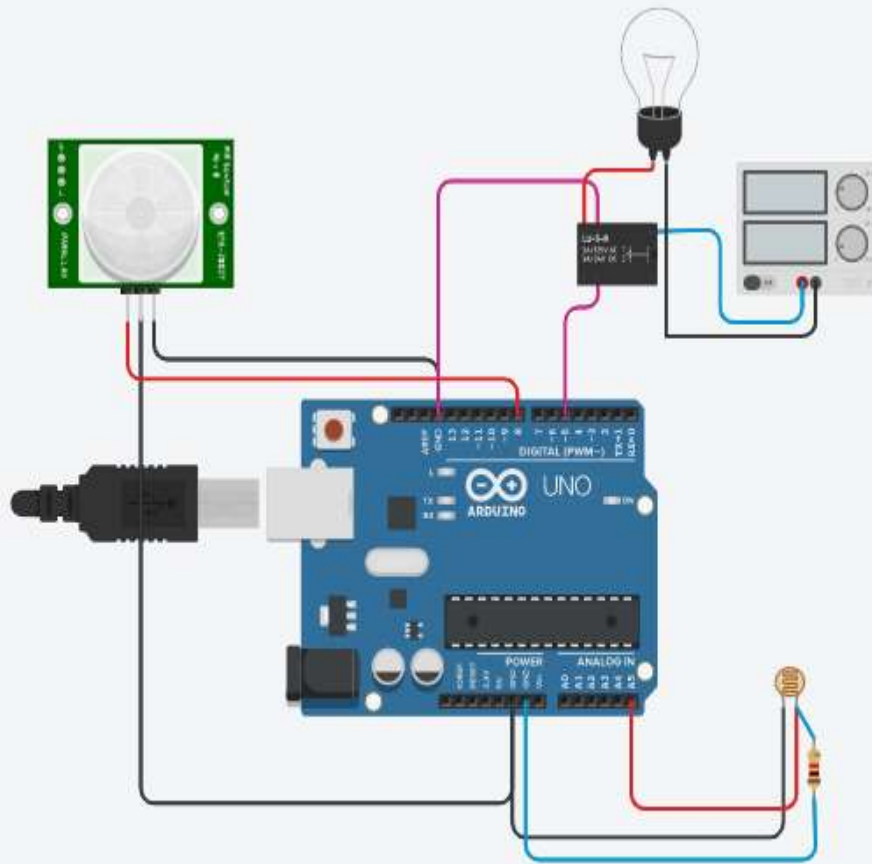


Schematic Diagram



Code

```
1 // C++ code
2 //
3 float x,y;
4 void setup()
5 {
6     pinMode(8, INPUT);
7     pinMode(5, OUTPUT);
8     pinMode(A5, INPUT);
9     Serial.begin(9600);
10 }
11
12 void loop()
13 {
14     x=digitalRead(8);
15     y=analogRead(A5);
16     Serial.println(x);
17     Serial.println(y);
18     if((x>0) && (y<550))
19     {
20         digitalWrite(5, HIGH);
21         delay(5000);
22     }
23     else
24     {
25         digitalWrite(5, LOW);
26     }
27
28
29 }
```