

SMART HOME

SUBMITTED BY.

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DEPT : ELECTRONICS AND COMMUNICATION ENGINEERING
TOPIC : INTERNET OF THINGS B12-6A2E

GLOWING LIGHT USING PIR SENSOR

CODE:

```
// C++ code
//Blink-makes a single LED blink on and off

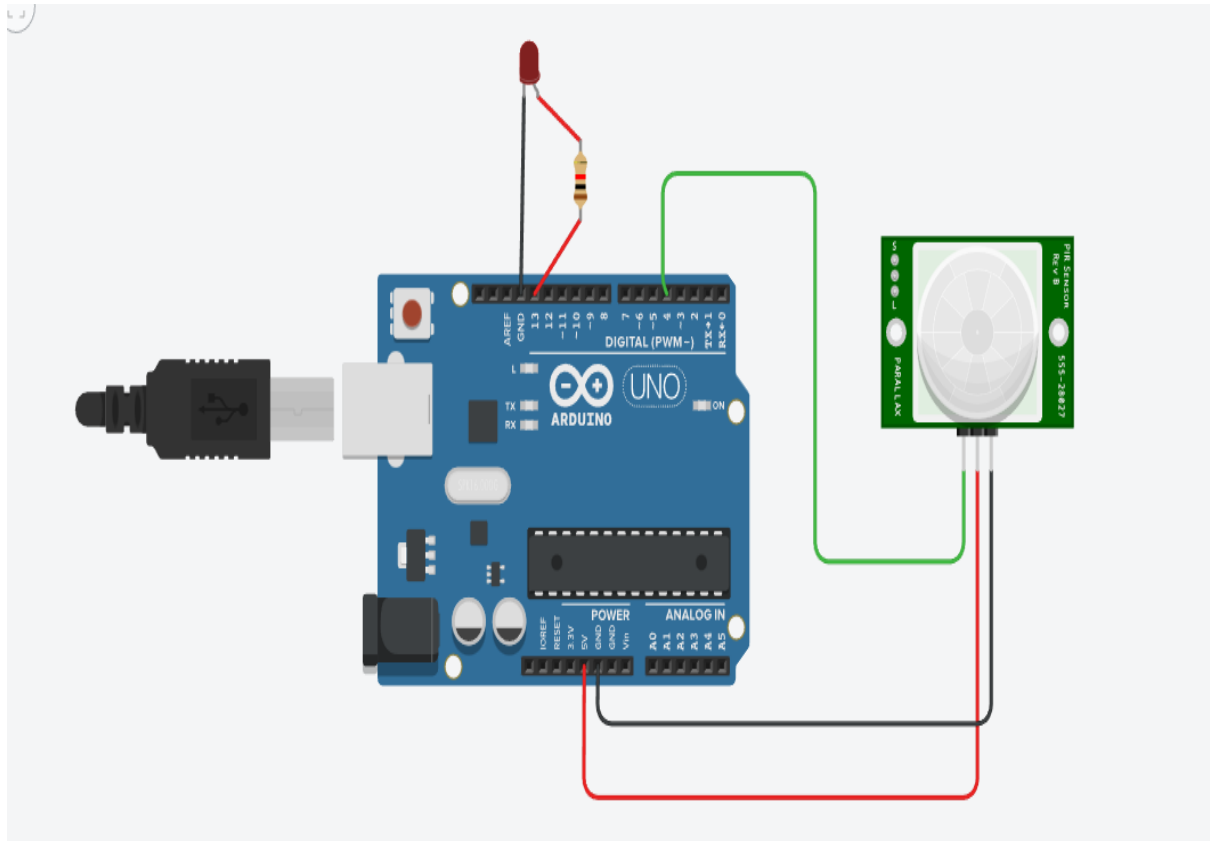
void setup()
{
    Serial.begin(9600);
    pinMode(4,INPUT);
    pinMode(13,OUTPUT);
}

void loop()
{
    int p=digitalRead(4);
    Serial.println(p);
    if(p)
        digitalWrite(13,HIGH);
    else
        digitalWrite(13,LOW);
    delay(1000);
}
```

TINKERCAD LINK:

<https://www.tinkercad.com/things/cSUVqfqxQiW-glorious-leelo/editel?sharecode=bvNCefCPz0BSjw2trDRUJwRCi9qsh9rsL443ESpFXY0>

FIGURE:



Two components are connected to the aurdino PIR sensor is used to detect the motion of the sensor and when the motion is detected the LED starts to glow.