

SMART HOME

Submitted by

Y.Anslin Selva

961819106008

Electronics and Communication Engineering

Ponjesly College of Engineering

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);
}

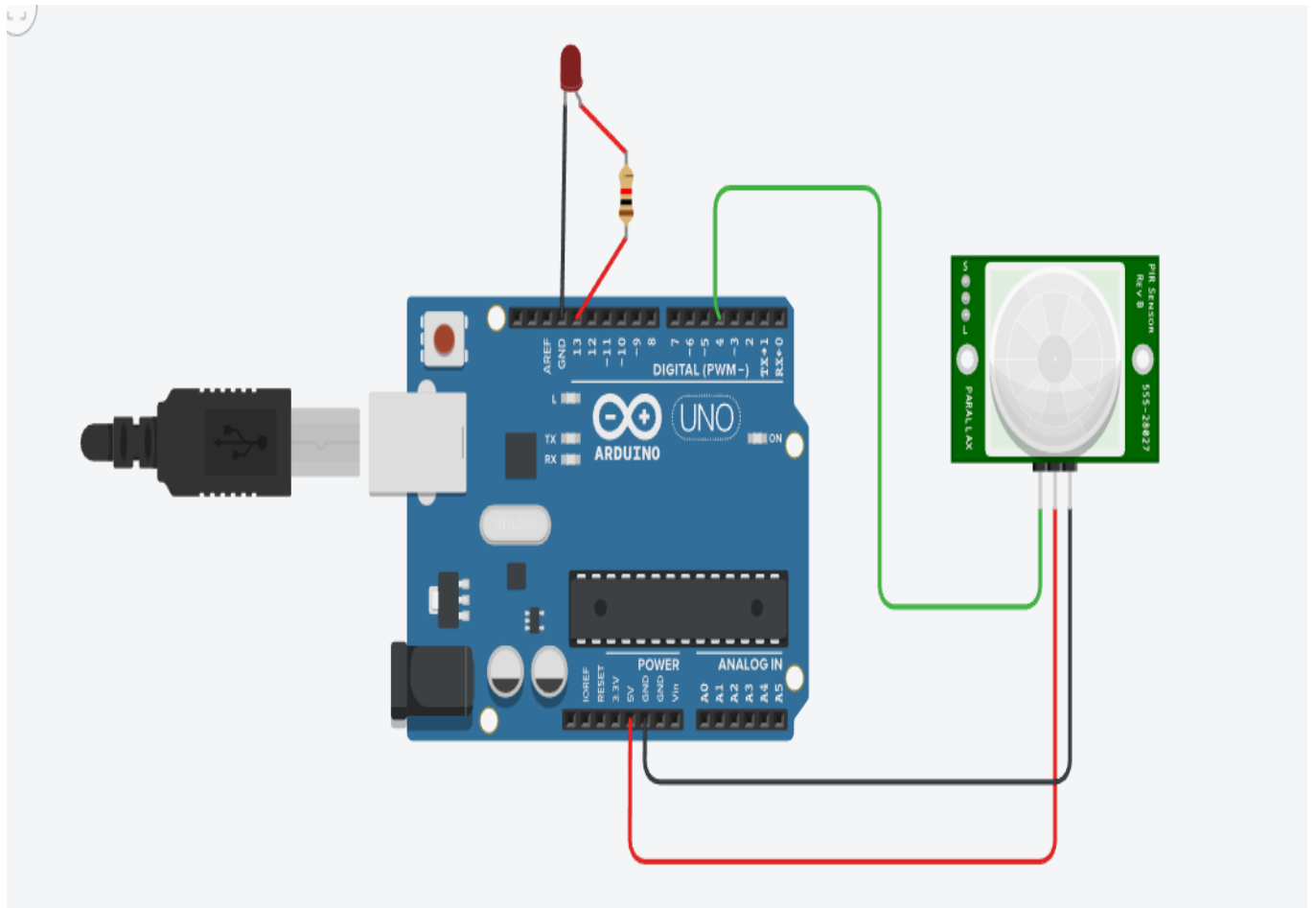
void loop()
{
  int p=digitalRead(4);
  Serial.println(p);
  if(p)
```

```
    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.