SMART HOME

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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)
```

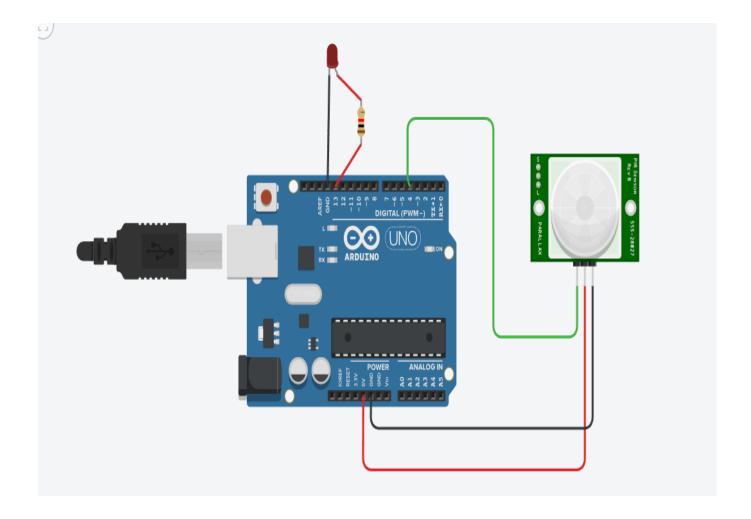
```
digitalWrite(13,HIGH);
else
  digitalWrite(13,LOW);
delay(1000);
}
```

TINKERCAD LINK:

https://www.tinkercad.com/things/cSUVqfqxQiW-glorious-leelo/editel?sharecode=bvNCefCPz0BSjw2trDRUJwRCi9q

sh9rsL443ESpFXY0

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.