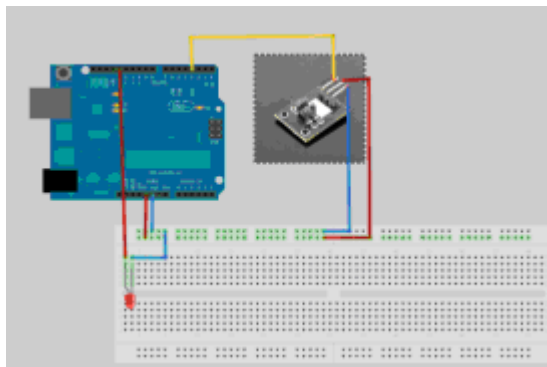


photo interrupter sensor can detect the light interruption and often be used as switch device. This project we will use this sensor to detect photo interruption and turn on a LED.

connect sensor with arduino as per following graph:



CODE:

```
/* photo interrupt sensor module test code
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*/
int Led=13;
int val;
void setup()
{
  pinMode(Led,OUTPUT);
  pinMode(3,INPUT);
}
void loop()
{
```

```
val=digitalRead(3);  
if(val==HIGH)  
{  
  digitalWrite(Led,HIGH);  
}  
else  
{  
  digitalWrite(Led,LOW);  
}  
}
```