

REPORT

COMPONENTS REQUIRED

1. BREADBOARD
2. ARDUINO Uno
3. CONNECTING WIRES
4. LDR
5. RESISTOR
6. SWITCH

Precaution

>Connected the wires carefully from arduino to bread board its connected properly
>major components like resistor and LDR were connected correctly so that make the job half done
>LED was connected with wire by considering anode and cathode
>In the arduino the wire are connected to suitable pin like analog and digital
>switch was connected to bread board and to the arduino these connections

CODE

```
int led=12;
switch var()
void setup()
{
    pinMode(led, OUTPUT);
}

void loop()
{
    if(analogRead(A0)<200)

        digitalWrite(led,1);

    if(analogRead(A0)>=350)
        digitalWrite(led,0);

}
```

Screenshot:

