**Control the lights based on Light intensity ( Control led's as an indication of light)**

void setup() {

pinMode(2,OUTPUT);

Serial.begin(9600);

}

void loop() {

int a=analogRead(15);

Serial.println("the ldr value is");

Serial.println(a);

if(a>4000)

{

digitalWrite(2,HIGH);

Serial.println("lights are on");

delay(1000);

}

else

{

digitalWrite(2,LOW);

Serial.println("lights are off");

delay(1000);

}

}

