

```
int ir=7;
void setup() {
  pinMode(ir,INPUT);
  Serial.begin(9600);
}

void loop() {
  int variable=digitalRead(ir);
  delay(1000);
  Serial.println(variable);
}
```

```
int ir=A2;
void setup() {
  pinMode(ir,INPUT);
  Serial.begin(9600);
}

void loop() {
  int variable=analogRead(ir);
  delay(1000);
  Serial.println(variable);
}
```

```
int ir=A2;
void setup() {
  pinMode(ir,INPUT);
```

```
    Serial.begin(9600);  
}  
  
void loop() {  
    int variable=analogRead(ir);  
    delay(1000);  
    Serial.println(variable);  
    if(variable<=25) {  
        Serial.println("balck color");  
    }  
else{  
    Serial.println("light colour");  
}  
}
```

```
int ir=7;  
int buz=4;  
int led=8;  
void setup() {  
    pinMode(ir,INPUT);  
    pinMode(buz,OUTPUT);  
    pinMode(led,OUTPUT);  
    Serial.begin(9600);  
}  
void loop() {  
    int variable=digitalRead(ir);  
    digitalWrite(led,HIGH);  
    if(variable==0)  
    {  
        digitalWrite(buz,HIGH);  
    }  
}
```

```
else
{
    digitalWrite(buz,LOW);
}
}
```