

```
#include<Wire.h>
#include <LiquidCrystal_I2C.h>

LiquidCrystal_I2C lcd(0x27, 16, 2);
int photo1=0;
int photo2 = 0;
int DEL1= 13;
int DEL2 = 12;
int count = 0;

void setup() {
  lcd.init();
  lcd.backlight();
  pinMode(A2,INPUT);
  pinMode(A3,INPUT);
  pinMode(DEL1,OUTPUT);
  pinMode(DEL2,OUTPUT);
  Serial.begin(9600);// put your setup code here, to run once:

}

void loop() {
  lcd.setCursor(1,0);
  lcd.print("N. of people");
  photo1= analogRead(A2);
  photo2= analogRead(A3);
  if(photo1<150)
  {
    if (photo2<150);
    count= count+1;
    digitalWrite(DEL1,HIGH);
```

```
digitalWrite(DEL2,LOW);
delay(500);// put your main code here, to run repeatedly:
}
else if(photo2<150)
{
  if(photo1<150);
  count= count-1;
  digitalWrite(DEL2,HIGH);
  digitalWrite(DEL1,LOW);
  delay(500);

}

lcd.setCursor(1,1);
lcd.print(count);
Serial.println(photo1);
Serial.println(photo2);

}
```