

```
#include <Keypad.h>

// C++ code

//

int red=13,green=12,blue=11;

void setup()
{
    pinMode(red,OUTPUT);
    pinMode(green,OUTPUT);
    pinMode(blue,OUTPUT);
    Serial.begin(9600);
}

void loop()
{
    int sensor=analogRead(A0);
    Serial.println(sensor);
    if(sensor<=300)
    {
        digitalWrite(red,HIGH);
        digitalWrite(green,LOW);
        digitalWrite(blue,LOW);
    }
    if(sensor<=650 && sensor>=301)
    {
        digitalWrite(green,HIGH);
        digitalWrite(red,LOW);
        digitalWrite(blue,LOW);
    }
    if(sensor<=850 && sensor>=651)
    { digitalWrite(blue,HIGH);
```

```
digitalWrite(red,LOW);  
digitalWrite(red,LOW);  
}  
}
```