

```
/*  
  
Statement : To send data from ESP8266 Witty Cloud Development  
Board on ThingSpeak cloud.  
  
*/
```

Code :

```
#include <ESP8266WiFi.h>  
  
#include<ThingSpeak.h>  
  
#define led 2  
  
#define red 15  
  
#define green 12  
  
#define blue 13  
  
#define ldr A0  
  
  
WiFiClient client;  
  
long myChannelNumber=2491687;  
  
const char myWriteAPIkey[]="3FIX5JK6AJB0SS62";  
  
void setup() {  
    // put your setup code here, to run once:  
    pinMode(led,OUTPUT);  
    pinMode(red,OUTPUT);  
    pinMode(blue,OUTPUT);  
    pinMode(green,OUTPUT);  
    Serial.begin(9600);  
    WiFi.begin("Ashlesha","Ashlesha");  
    while(WiFi.status() != WL_CONNECTED){  
        Serial.print('.');  
        delay(200);  
    }  
    Serial.println();  
    Serial.println("witty board connected");  
    Serial.println(WiFi.localIP());
```

```
    ThingSpeak.begin(client);  
}  
  
void loop() {  
    int value=analogRead(ldr);  
    Serial.println(value);  
  
    ThingSpeak.writeField(myChannelNumber,1,value,myWriteAPIkey);  
    delay(200);  
}
```