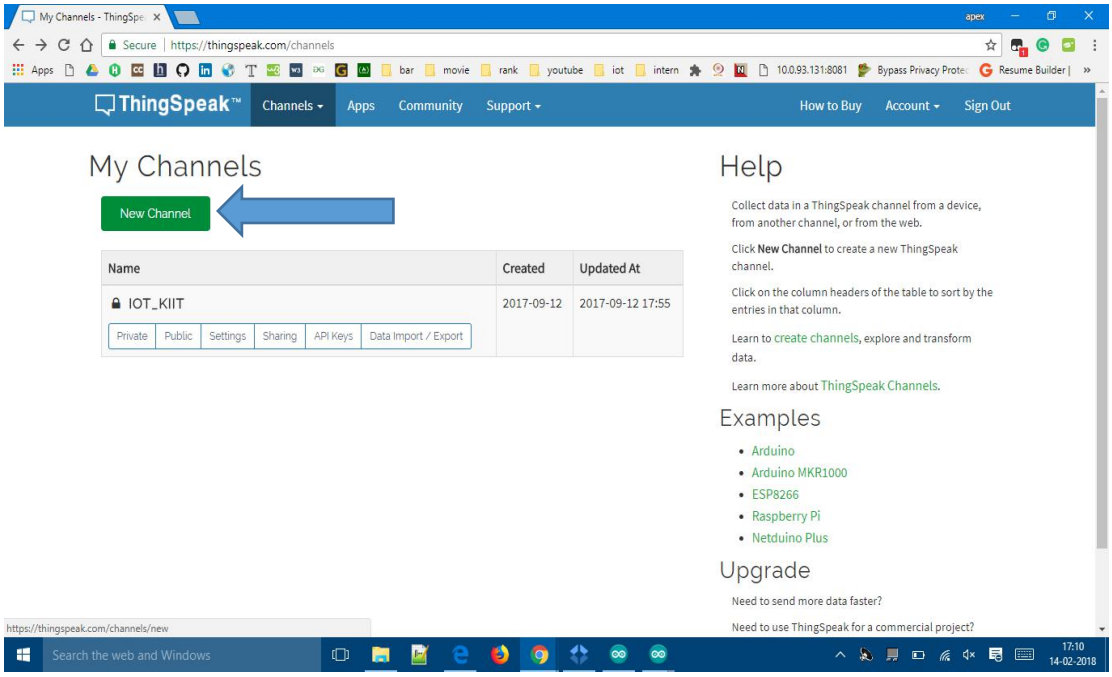
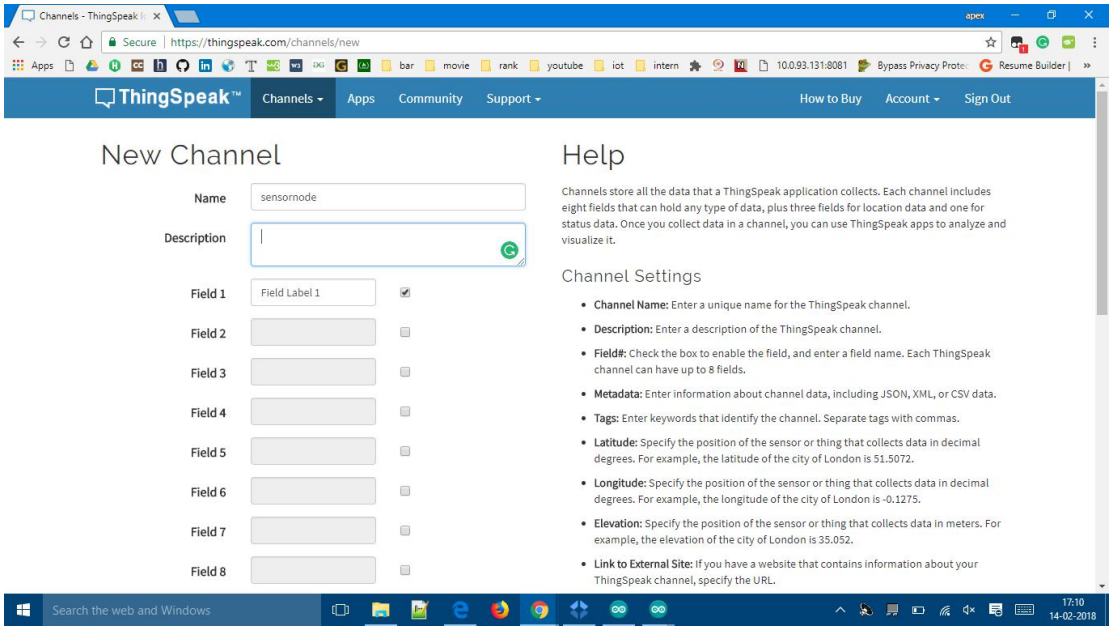
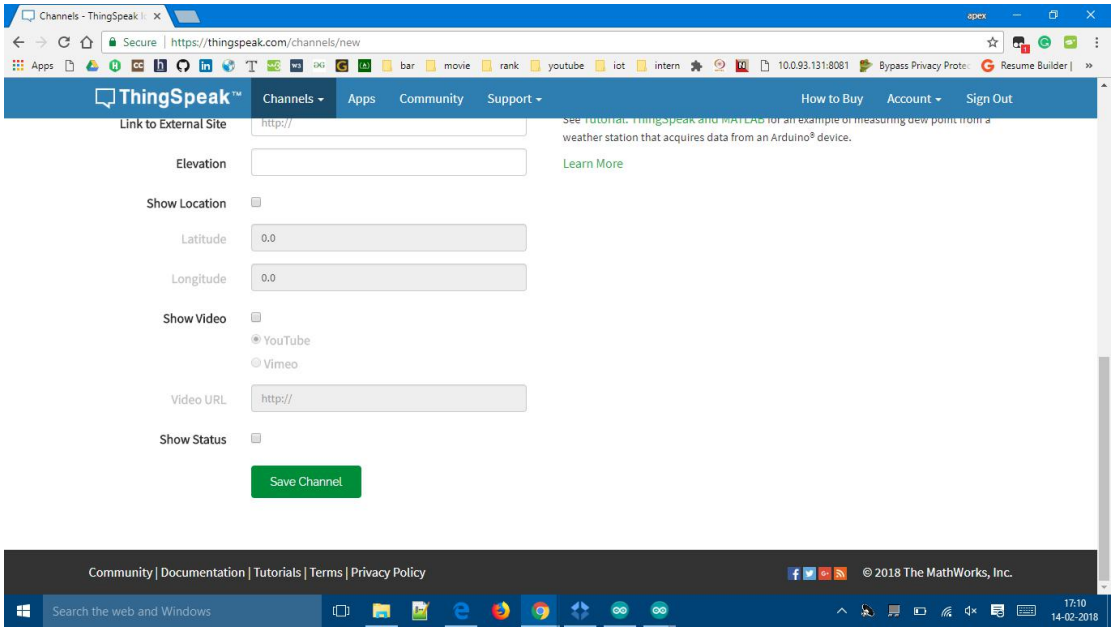


- Go to www.thingspeak.com
- Login to your things peak account and create **New Channel.**




Channels - ThingSpeak
Secure | https://thingspeak.com/channels/new
ThingSpeak™
Channels
Apps
Community
Support
How to Buy
Account
Sign Out
Link to External Site
Elevation
Show Location
Latitude
0.0
Longitude
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http://
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Save Channel
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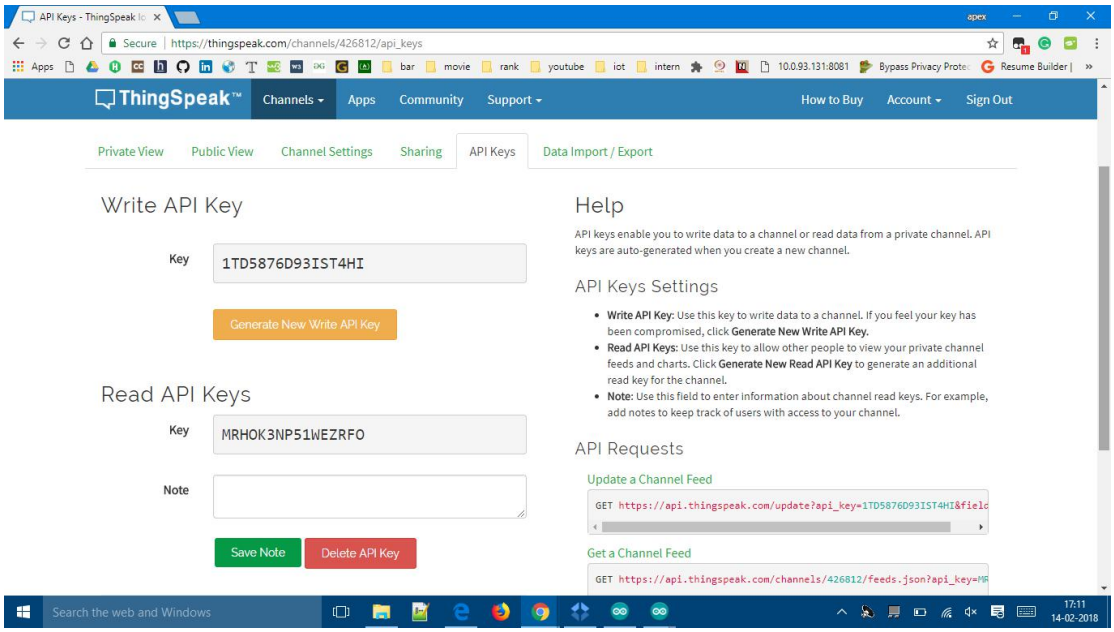
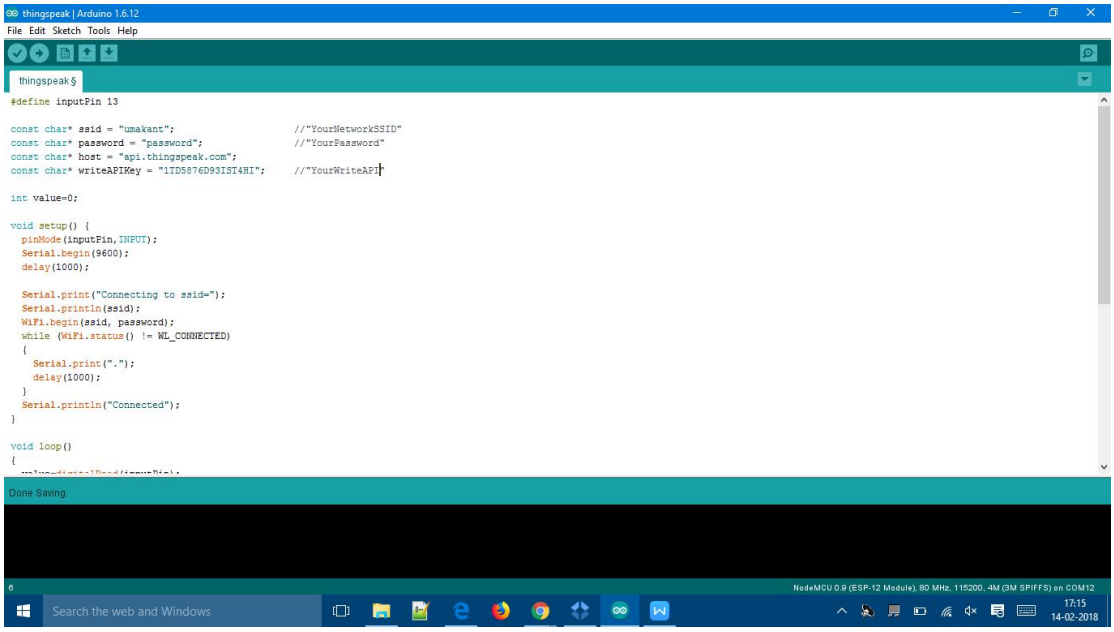
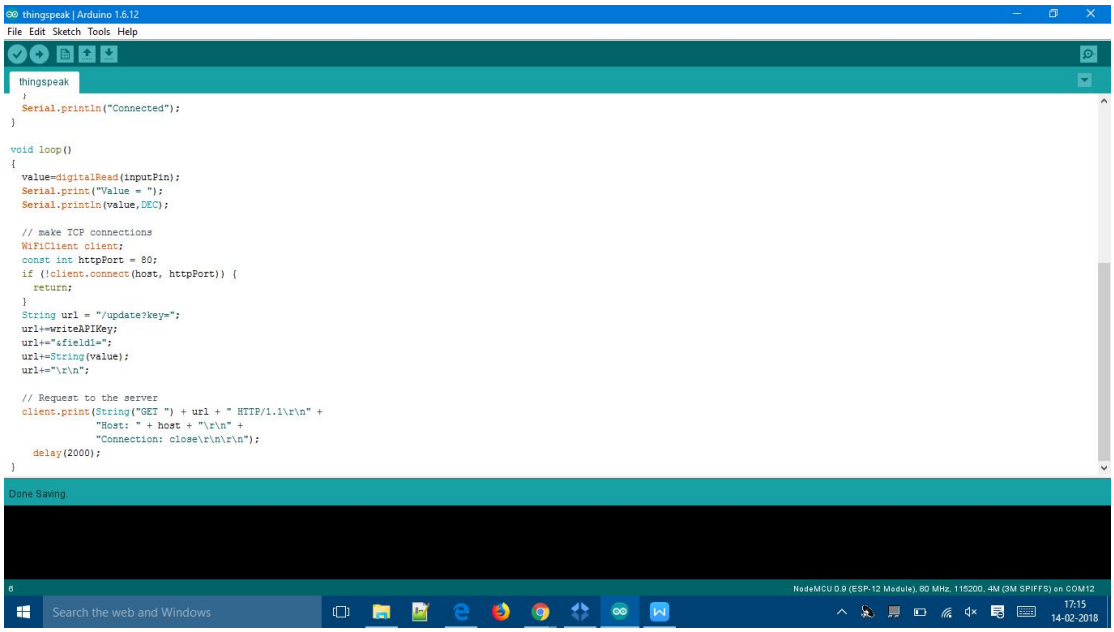

API Keys - ThingSpeak
Secure | https://thingspeak.com/channels/426812/api_keys
ThingSpeak™
Channels
Apps
Community
Support
How to Buy
Account
Sign Out
Private View
Public View
Channel Settings
Sharing
API Keys
Data Import / Export
Write API Key
Key
1TD5876D93IST4HI
Generate New Write API Key
Read API Keys
Key
MRHOK3NP51WEZRFO
Note
Save Note
Delete API Key
Help
API keys enable you to write data to a channel or read data from a private channel. API keys are auto-generated when you create a new channel.
API Keys Settings
Write API Key: Use this key to write data to a channel. If you feel your key has been compromised, click Generate New Write API Key.
Read API Keys: Use this key to allow other people to view your private channel feeds and charts. Click Generate New Read API Key to generate an additional read key for the channel.
Note: Use this field to enter information about channel read keys. For example, add notes to keep track of users with access to your channel.
API Requests
Update a Channel Feed
GET https://api.thingspeak.com/update?api_key=1TD5876D93IST4HI&field
Get a Channel Feed
GET https://api.thingspeak.com/channels/426812/feeds.json?api_key=MR
Search the web and Windows
17:11
14-02-2018


thingspeak | Arduino 1.6.12
File Edit Sketch Tools Help
thingspeak §
#define inputPin 13
const char* ssid = "umakant"; //"YourNetworkSSID"
const char* password = "password"; //"YourPassword"
const char* host = "api.thingspeak.com";
const char* writeAPIKey = "1TD5876D93IST4HI"; //"YourWriteAPI"
int value=0;
void setup() {
pinMode(inputPin,INPUT);
Serial.begin(9600);
delay(1000);
Serial.print("Connecting to ssid=");
Serial.println(ssid);
WiFi.begin(ssid, password);
while (WiFi.status() != WL_CONNECTED)
{
Serial.print(".");
delay(1000);
}
Serial.println("Connected");
}
void loop()
{
Done Saving.
NodeMCU 0.9 (ESP-12 Module), 80 MHz, 115200, 4M (3M SPIFFS) on COM12
Search the web and Windows
17:15
14-02-2018


thingspeak | Arduino 1.6.12
File Edit Sketch Tools Help
thingspeak
Serial.println("Connected");
}
void loop()
{
value=digitalRead(inputPin);
Serial.print("Value = ");
Serial.println(value,DEC);
// make TCP connections
WiFiClient client;
const int httpPort = 80;
if (!client.connect(host, httpPort)) {
return;
}
String url = "/update?key=";
url+=writeAPIKey;
url+="&field1=";
url+=String(value);
url+="\r\n";
// Request to the server
client.print(String("GET ") + url + " HTTP/1.1\r\n" +
"Host: " + host + "\r\n" +
"Connection: close\r\n\r\n");
delay(2000);
}
Done Saving.
NodeMCU 0.9 (ESP-12 Module), 80 MHz, 115200, 4M (3M SPIFFS) on COM12
Search the web and Windows
17:15
14-02-2018