Ain: Write a Brogram on Ardvino to retrieve. Lemusature senson Temperature and humidity data from the cloud. Hardware Requirents: Printate Visua. i. Acrdnino uno board. 9. Node MCU · ESP 8266 Breakout board. 3. OHT-11 temperature and humidity sensor. 4. Tumper wires. 5- Bread Broard. Soura xode: # include < PHT. h> # include < GSP8266WiFi. h> String rapitary =" * * * * ";

Const shor + said =" xxxx"; eonst that + Sever = "api. thingspeak. Lon";

define DHTPIN P3. OHT LLY (DHTHO) THO

WiFi Client elient;

Noid Setup ()

Devial . bugin (118200); delay (1000);

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Att. begin ();
  Serial. Printly ("cornecting to"); ("total at states)
  serial Println (soid);
                              = 26 bbot 11 =1 Water 1
                            Pertote of delical
  wiFi. begin (said, Ross);
                         = WE_ CONNECTED) + datos
while (wiFi. states ()!
      elind Point ("4-IHW IN SPEAK APIKEY: " + aprilay!
 delay (600);
                     exect-Print ("contint - hogth:");
serial Parint (". ");
                     ((1) opril (Retation) Lingo (1));
 Serial . Println ("");
                                client Print (" m/n");
Serial println ("Wifi concected"); outros) tried tried.
                       Level Print (" Temperature!");
 Word loop()
                                     sexial esist (1);
 float h = lidht recod Humidity ();
 float t= dht. read Temperature (1;
                                    Lived (sont (b);
if (isnon (h) il isnon (t)) to at beat " I altice . lainer.
Serial Printly ["Frailed to read from DUT Serson ["];
                        Serial. Printly ["Waiting ...");
if (client. connect (sender, 80))
                                            ((000)) pales.
string Postster = opikey;
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Roststr + = " f field = ";
                                          (Original Alle
     Prostster += Storing (h);
                                 Sevial. Brintly & I green
    Poststr += "4 field 2 =";
                                  · (bible) Stor I lovel
     Prostate += string (+);
                                 WiFi Degin ( Wild ; Rass);
     prostate +="Irlnly lo"; w =
                                  while (with Atotus (1!
   elient. Print ("x - THING SPEAK APIKEY: "tapikey+ "in");
   client-Perint ("content-length:");
  (ichient. Print (postata _ length (1);
   thent Print (" In In");
   client. Print (Poststa); ("bestouras; iw") retires lained
  Gerial. Print (" Temperature: ");
                                           word book
  Serial. Print (+);
 Surial print ("degress teleuis, Humidity; 15); d toll
  Levial Point (h); (1) rentarupar bour. tils : t took
 swind. Printh (". Send to thingspeak."); (1) marsi) 1.
                   mary bysee it believe ! it sugget from
dient. Stop ();
Serial . Printly ("waiting ....");
                         if (elient correct (denles, 80))
delay (1000);
                               string Postets - spilley;
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