```
void Thingspeak_1() {
  // Sensor 1
 h1 = dht1.getHumidity();
 // Read temperature as Celsius (the default)
 t1 = dht1.getTemperature();
 // Sensor 2
 h2 = dht2.getHumidity();
 // Read temperature as Celsius (the default)
 t2 = dht2.getTemperature();
 // Read temperature as Fahrenheit (isFahrenheit = true)
 if (client.connect("api.thingspeak.com", 80)) {
   request_string = "/update?";
   request_string += "key=";
  request_string += "MKE5FAKIKLWQ1DF3";
   request_string += "&";
   request_string += "field1";
   request_string += "=";
   request_string += t1;
   request_string += "&";
   request_string += "field2";
   request_string += "=";
   request_string += h1;
   request_string += "&";
   request_string += "field3";
   request_string += "=";
   request_string += t2;
   request_string += "&";
   request_string += "field4";
   request_string += "=";
   request_string += h2;
   request_string += "&";
  Serial.println(String("GET ") + request_string + " HTTP/1.1\r\n"
+ //
                 "Host: " + thingSpeakAddress + "\r\n" +
                 "Connection: close\r\n\r\n");

  client.print(String("GET ") + request_string + " HTTP/1.1\r\n" +
               "Host: " + thingSpeakAddress + "\r\n" +
               "Connection: close\r\n\r\n");
   unsigned long timeout = millis();
   while (client.available() == 0) {
     if (millis() - timeout > 5000) {
```

```
      Serial.println(">>> Client Timeout !");
       client.stop();
       return;
      }
    }
  }
}
```