

```

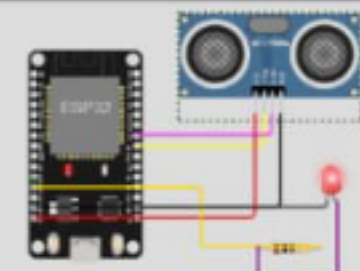
1  #include <WiFi.h>
2  #include <PubSubClient.h>
3  WiFiClient wificlient;
4  String data3;
5  #define ORG "ucr051"
6  #define DEVICE_TYPE "nodemcu"
7  #define DEVICE_ID "ultra123"
8  #define TOKEN "123456789"
9  #define speed 0.034
10 #define led 14
11 char server[] = ORG ".messaging.internetofthings.ibmcloud.com";
12 char publishTopic[] = "iot-2/evt/Gayathri/fmt/json";
13 char topic[] = "iot-2/cmd/home/fmt/String";
14 char authMethod[] = "use-token-auth";
15 char token[] = TOKEN;
16 char clientId[] = "d:" ORG ":" DEVICE_TYPE ":" DEVICE_ID;
17 PubSubClient client(server, 1883, wificlient);
18 void publishData();
19
20
21 const int trigpin=5;
22 const int echopin=18;
23 String command;
24 String data="";
25
26 long duration;
27 float dist;
28
29
30

```

00:51.531 81%

Editing Ultrasonic Distance Sensor

Distance: 73cm



Warning crosses 110cm -- it automatically of the loop

Sending payload: {"Alert Distance":72.96}

Warning crosses 110cm -- it automatically of the loop

Sending payload: {"Alert Distance":72.96}

Warning crosses 110cm -- it automatically of the loop

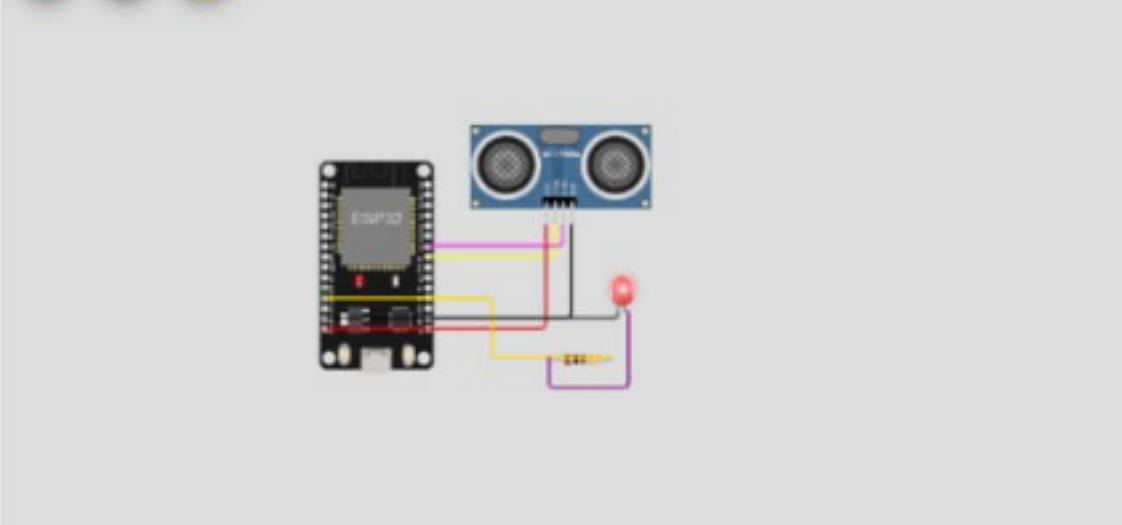
```

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24 String data="";
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27 float dist;
28
29
30

```

00:12.318 89%

Simulation controls: Run, Stop, Play



Warning crosses 110cm -- it automatically of the loop

Sending payload: {"Alert Distance":89.95}

Warning crosses 110cm -- it automatically of the loop

Sending payload: {"Alert Distance":89.95}

Warning crosses 110cm -- it automatically of the loop

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
Gayathri	{"Alert Distance":72.96}	json	a few seconds ago
Gayathri	{"Alert Distance":72.96}	json	a few seconds ago
Gayathri	{"Alert Distance":75.99}	json	a few seconds ago
Gayathri	{"Alert Distance":89.95}	json	a few seconds ago
Gayathri	{"Alert Distance":89.95}	json	a minute ago



30°C



ENG

IN

3:11 PM

11/18/2022



ucr05Uintermeto@things.ibmcloud.com/dashboard/devices/browse

on IoT Platform9202191040418@smartthings.comID: ucr05U

BrowseActionDevice TypesInterfacesAdd Device

IdentityDevice InformationRecent EventsStateLogs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
Gaystheri	{"Alert Distance":72.96}	json	a few seconds ago
Gaystheri	{"Alert Distance":72.96}	json	a few seconds ago
Gaystheri	{"Alert Distance":75.99}	json	a few seconds ago
Gaystheri	{"Alert Distance":89.95}	json	a few seconds ago
Gaystheri	{"Alert Distance":89.95}	json	a minute ago

Items per page: 50 | 1-2 of 2 items1 of 1 page

type here to search30°C3:11 PM11/18/2022