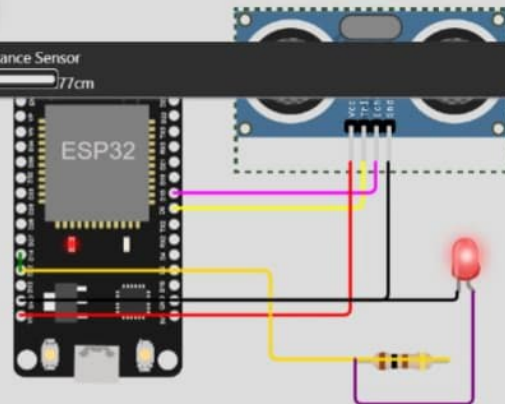


Library Manager

Simulation



Distance:  77cm

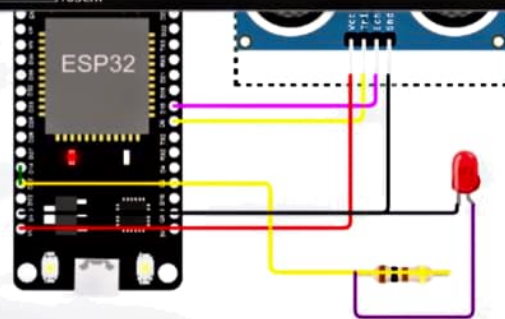


```
Sending payload: {"Alert Distance":76.99}
Warning crosses 110cm -- it automatically of the loop
```

Simulation



Editing Ultrasonic Distance Sensor
Distance:  103cm



```
Sending payload: {"Normal Distance":102.99}
```

```
Sending payload: {"Normal Distance":102.99}
```

```
Sending payload: {"Normal Distance":102.99}
```

```
Sending payload: {"Normal Distance":102.99}
```

esp32-dht22.ino diagram.json libraries.txt Library Manager

```

1 #include <WiFi.h>
2 #include <PubSubClient.h>
3 WiFiClient wificlient;
4 String data3;
5 #define ORG "s8oviq"
6 #define DEVICE_TYPE "gayathri"
7 #define DEVICE_ID "gayathri123"
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
31 void setup()
32 {
33     Serial.begin(115200);
34     pinMode(led, OUTPUT);
35     pinMode(trigpin, OUTPUT);

```

Simulation

01:07.359 100%

Editing Ultrasonic Distance Sensor

Distance:  127cm

```
Sending payload: {"Normal Distance":106.98}
```

```
Sending payload: {"Normal Distance":108.97}
```

```
Sending payload: {"Normal Distance":109.96}
```

```
Sending payload: {"Normal Distance":110.98}
```