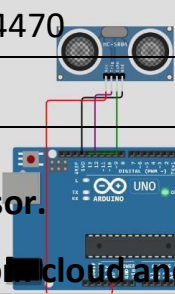


ASSIGNMENT 4

<p>WOKWI</p> <p>SAVE SHARE</p> <p>hc-sr4-Ultrasonic-Simulation.ino • diagram.json Ultrasonic.h Ultrasonic.cpp</p> <p>Library Manager</p> <pre>1 #include "Ultrasonic.h" 2 #include "Ultrasonic.h" 3 int distance; 4 5 void setup() { 6 Serial.begin(9600); 7 8 void loop() { 9 distance = ultrasonic.read(CM); 10 Serial.print("Distance in CM: "); 11 Serial.println(distance); 12 if (distance < 100) 13 Serial.print("alert"); 14 Serial.println(); 15 delay(1000); 16 } 17 }</pre>	<p>30 October 2022</p> <p>Docs SIGN IN</p> <p>PNT2022TMID14470</p> <p>711319EC0102</p> <p>01:41:926 62%</p> 
--	---

Write code and connections in wowki for ultrasonic sensor.

Whenever distance is less than 100cms send "alert" to ib cloud and display in device recent events.

PROGRAM CODE:

```
#include "Ultrasonic.h"

Ultrasonic ultrasonic(12, 13);

int distance; void setup() {
  Serial.begin(9809);
}

void loop() {
  distance = ultrasonic.read(CM);
  Serial.print("Distance in CM: ");
  Serial.println(distance);
  if (distance < 100)
    Serial.print("alert");
  Serial.println();
  delay(1000);
}
```

OUTPUT: