

ASSIGNMENT 4

Date	02 November 2022
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Write code and connections in wowki for ultrasonic sensor.

Whenever distance is less than 100cms send “alert” to IBM cloud and display in device recent events.

Program Code:

```
#include "Ultrasonic.h"
Ultrasonic ultrasonic(6,2); int
distance; void setup()
{
Serial.begin(9600);
}
void loop() {
```

```
distance = ultrasonic.read(CM); Serial.print("Distance  
in CM: ");  
Serial.println(distance); if  
(distance < 100)  
Serial.print("alert");  
Serial.println(); delay(3000);  
}
```

OUTPUT:

