ASSIGNMENT 4

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Write code and connections in wokwi 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: