## **ASSIGNMENT 4**

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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)</pre>
```

```
Serial.print("alert");
Serial.println();
delay(3000);
}
```

## **OUTPUT:**

