Assignment - 4

C Programming

Assignment Date	31 October 2022
Student Name	P.Muthu Pandi
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Maximum Marks	4 Marks

QUESTION 1:

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.

CODE:

```
#include " Ultrasonic .h"
Ultrasonic ultrasonic (12, 13);
int distance;
void setup(){
    serial.begin(9600);
}

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

OUTPUT:

