## **Assignment-4**

Assignment Date	12 November 2022
Student Name	Naveen V
Student Roll Number	722819104087
Maximum Marks	2 Marks

## Question-1:

Write code and connections in wokwi for the ultrasonic sensor.

Whenever the distance is less than 100 CMS send an "alert" to the IBM cloud and display in the device recent events.

## **Solution:**

```
#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);
}</pre>
```

## Output:

