Nalaiya Thiran (IBM) ASSIGNMENT – 4

**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.read(CM);

**Serial**.print("Distance in CM: ");

**Serial**.println(distance); if (distance<100)

**Serial**.print("alert"); **Serial**.println(); delay(1000);

}

**Output:**

