ASSIGNMENT 4

Date	02 November 2022
Team ID	PNT2022TMID54258
Roll No	111919106042

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:

