

Assignment Date	25-10-2022
Student name	K.P.Jayavarshini
Student Roll Number	510119104011
Maximum marks	2 marks

Question:

write a code and connections in wokwi for ultrasonic sensor whenever distance is less than 100 cms send alert to ibm cloud and display in device recent events

program code:

```
#include "Ultrasonic.h"

Ultrasonic ultrasonic(12, 13);

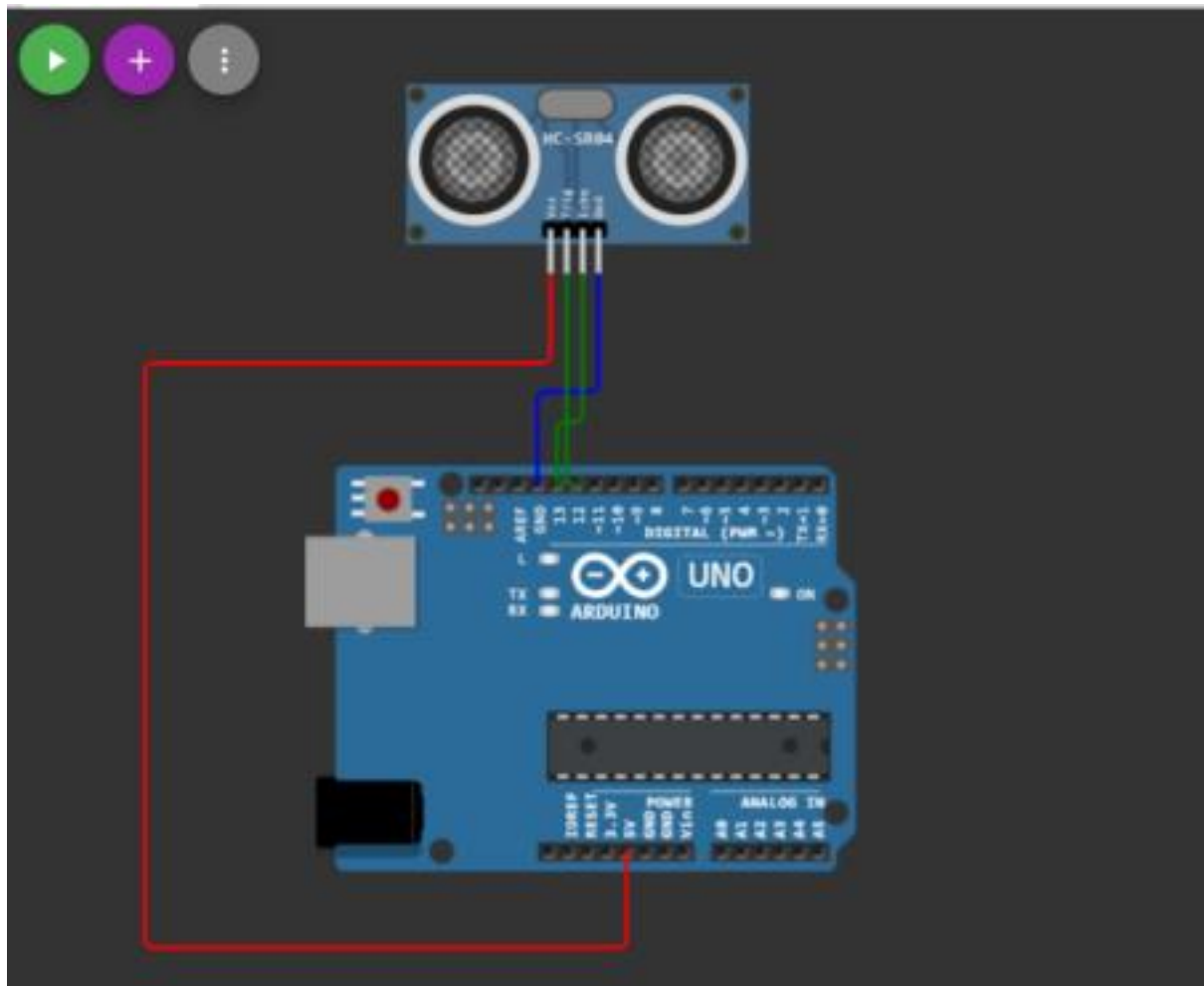
int distance;

void setup() {
  Serial.begin(9600);
}

void loop() {
  distance = ultrasonic.read(CM);
  Serial.print("Distance in CM: ");
  Serial.println(distance);
  distance = ultrasonic.read(INCH);
  Serial.print("Distance in Inches: ");
  Serial.println(distance);
  delay(1000);
}

void setup() {
}

void loop() {
}
```



Wokwi link:

<https://wokwi.com/projects/new/arduino-uno>