

Assignment -4

Assignment Date	25.10.2022
Student name	P.KAVITHA
Student Roll Number	510119104012
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"

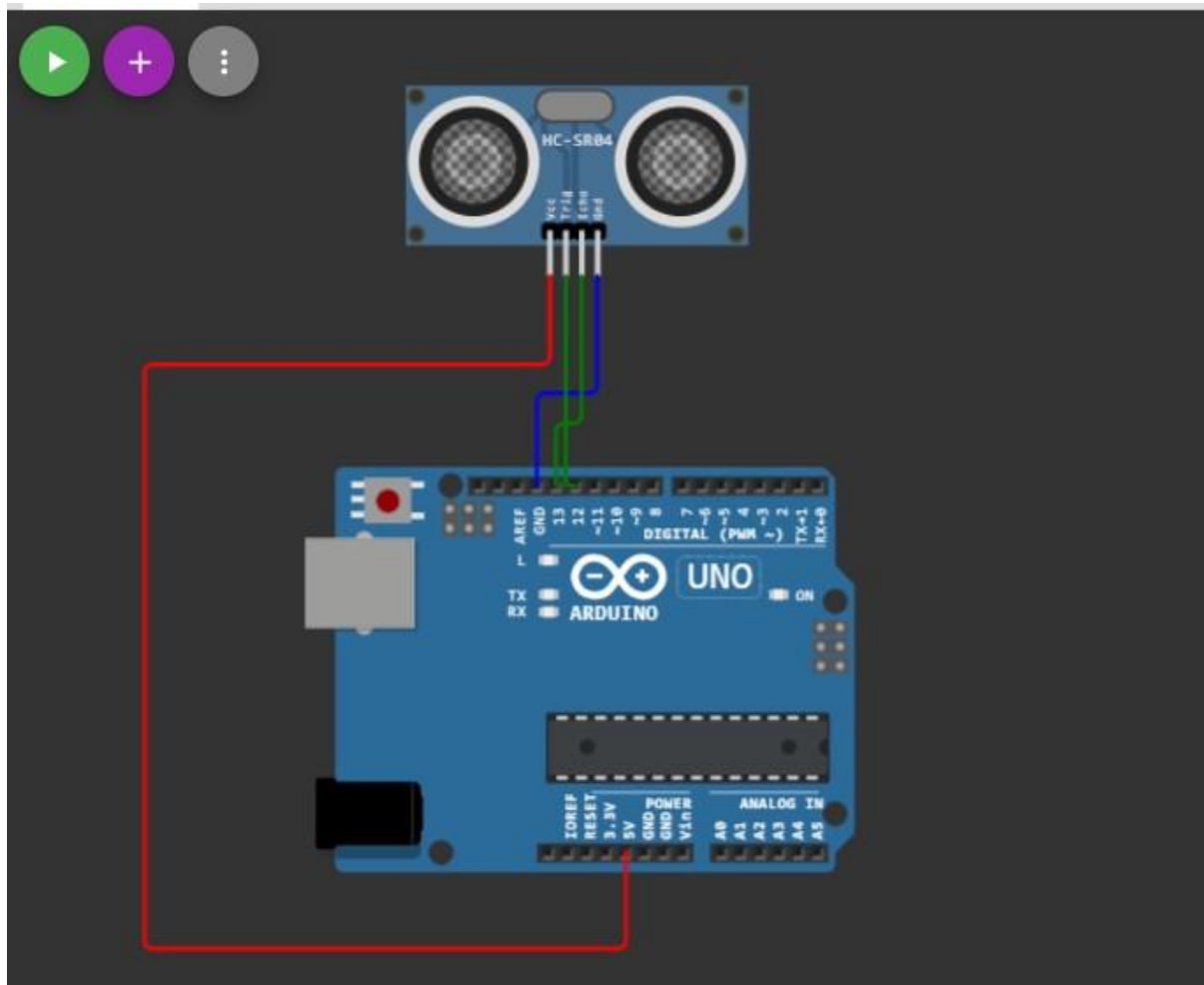
Ultrasonic ultrasonic(12, 13);

int distance;

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

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

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



Wokwi link:

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