# **ASSIGNMENT - 4**

DATE	17 OCTOBER 2022
TEAM ID	PNT2022TMID06972
NAME	SHOWMINI R
STUDENT ROLL NUMBER	GCTC1918L16
MAXIMUM MARKS	2 MARKS

## **QUESTION:**

Write code and connections in wokwi for the ultrasonic sensor.

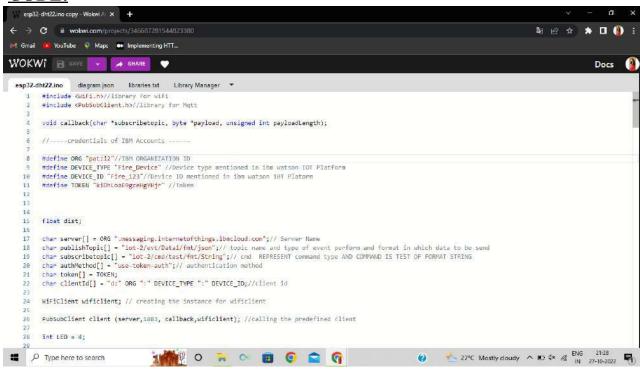
Whenever the distance is less than 100 cms send an "alert" to the IBM cloud and display in the device recent events.

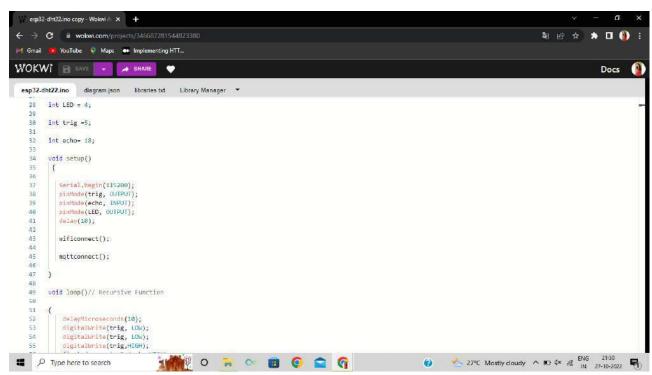
Upload document with wokwi share link and images of IBM cloud

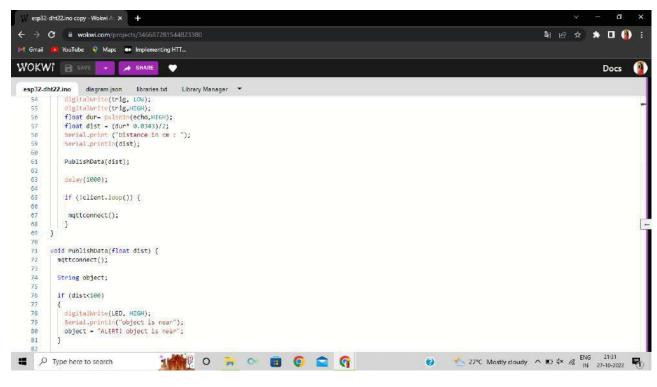
## **WOKWI CODE AND IMPLEMENTATION LINK:**

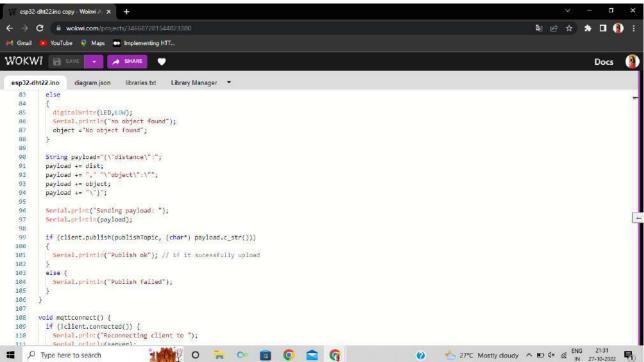
https://wokwi.com/projects/346688722332287572

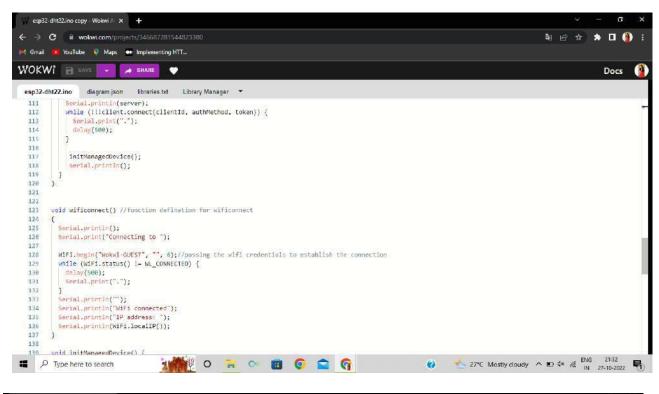
### **CODE:**

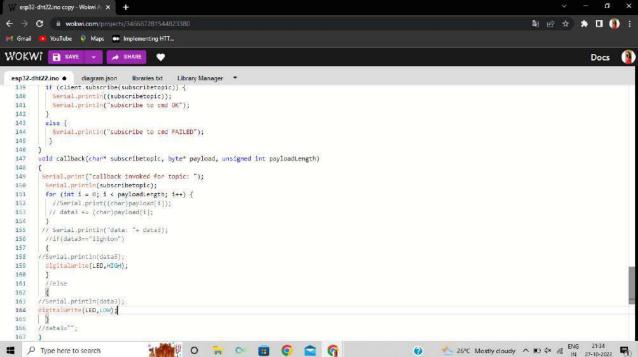






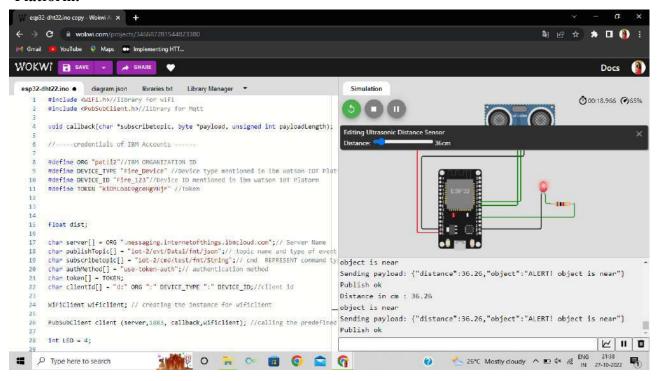




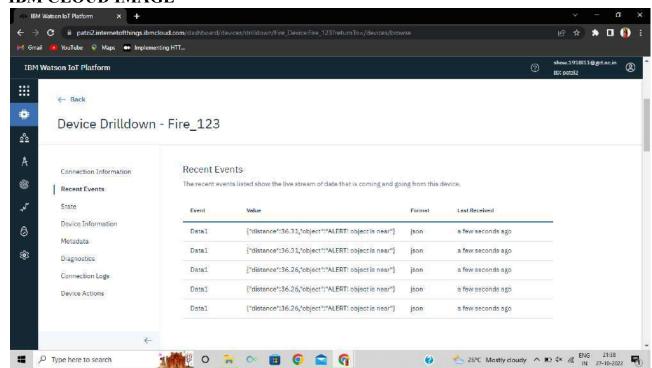


### **OUTPUT:**

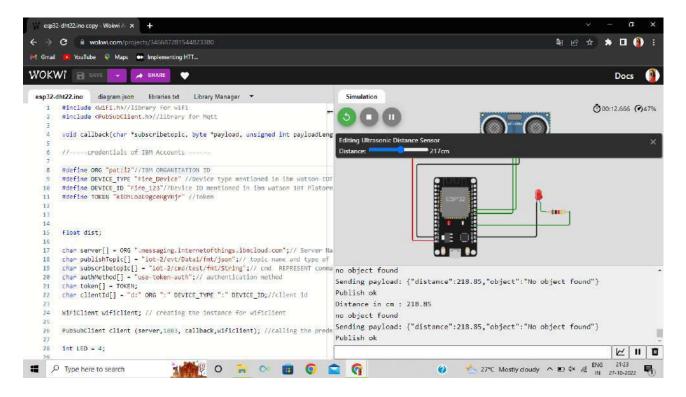
When the distance is less than 100 cms, send an "alert" message to IBM Watson IOT Platform.



#### IBM CLOUD IMAGE



When the object is far (greater than 100 cms), send "no object found" to the IBM Watson IOT Platform.



#### IBM CLOUD IMAGE

