# ASSIGNMENT- 4

## DISTANCE DETECTION USING ULTRASONIC SENSOR

|  |  |
| --- | --- |
| Date | 22 October 2022 |
| Team ID | PNT2022TMID19535 |
| Name | MADHUMITHA D |
| Student Roll Number | 722819106048 |
| Maximum Marks | 2 Marks |

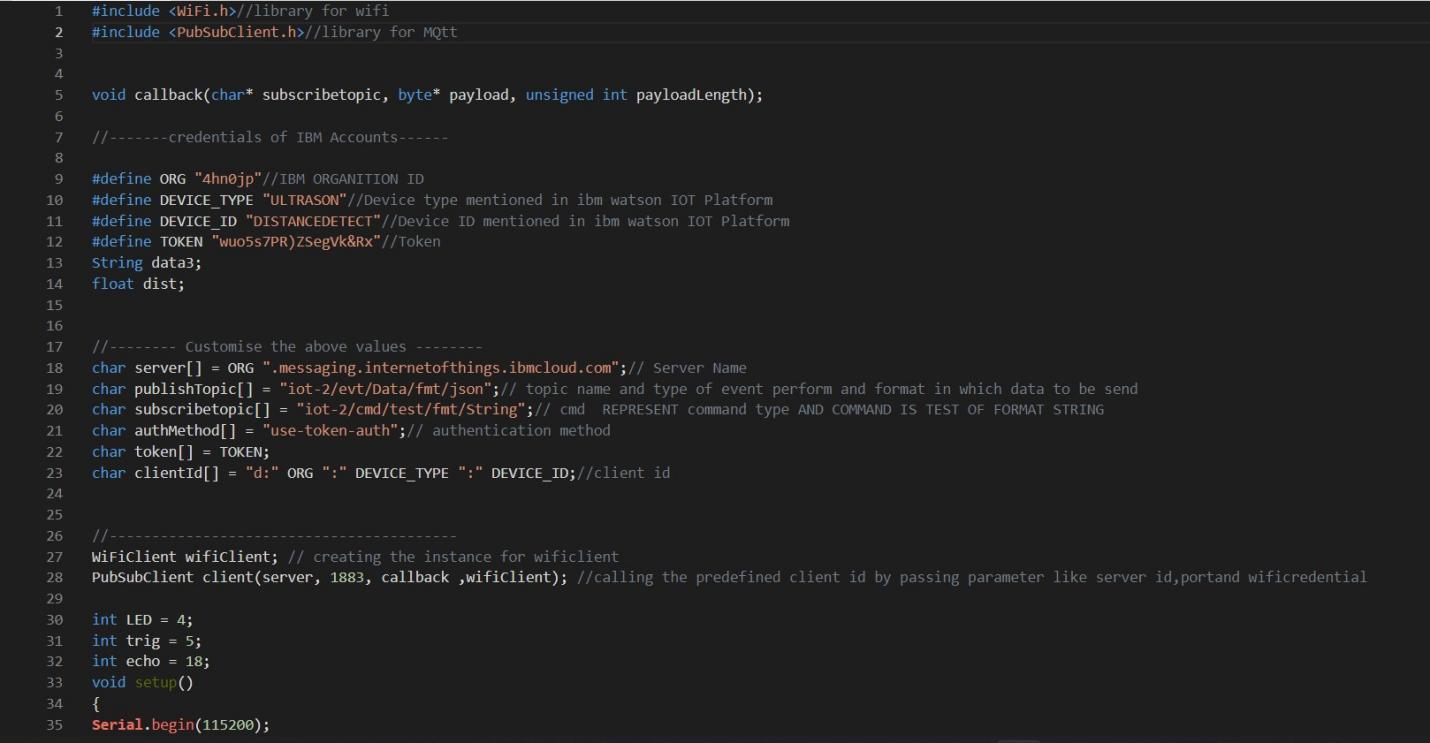
QUESTION:

Write 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.

WOKWI LINK:

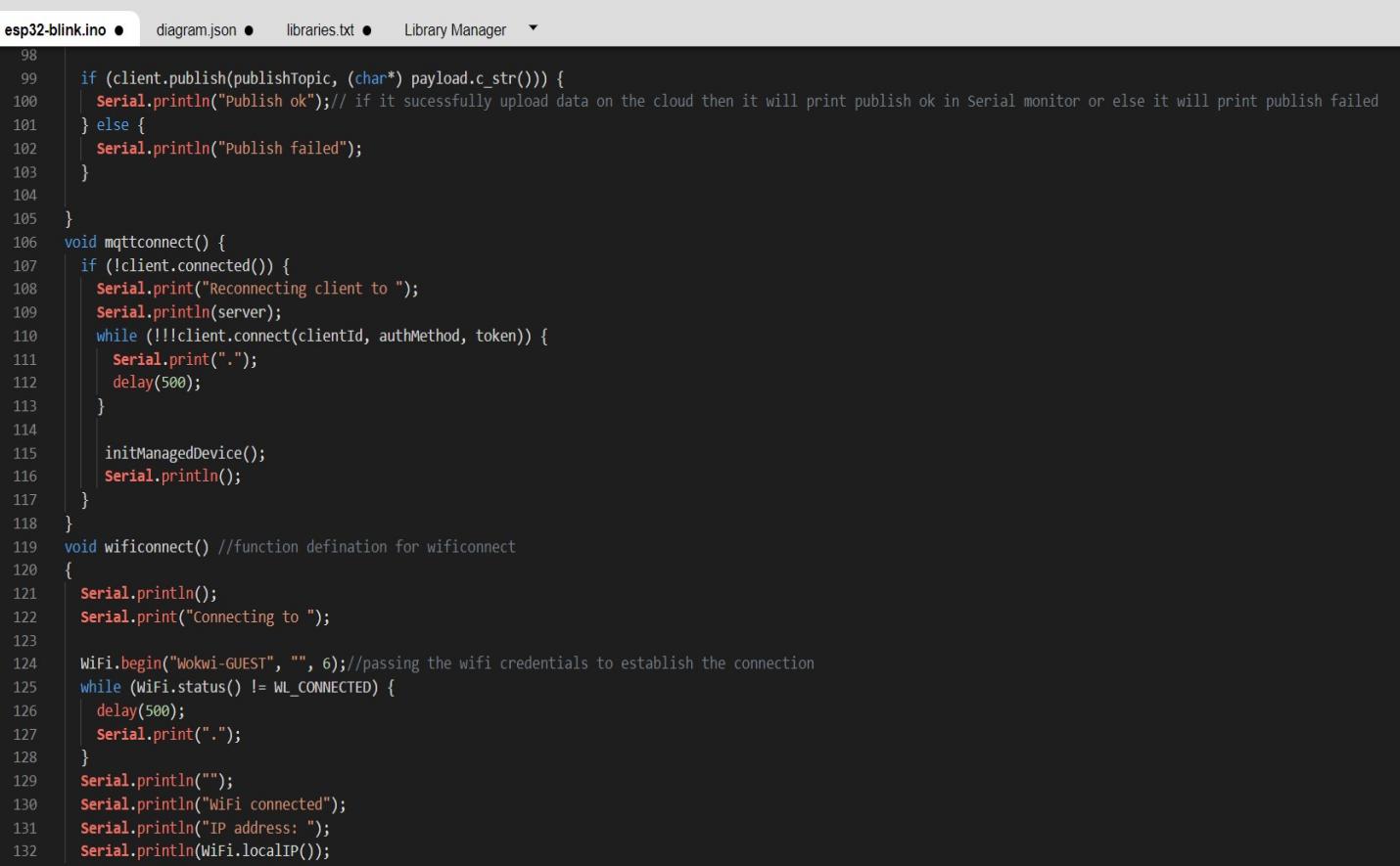
https://wokwi.com/projects/305566932847821378

CODE:





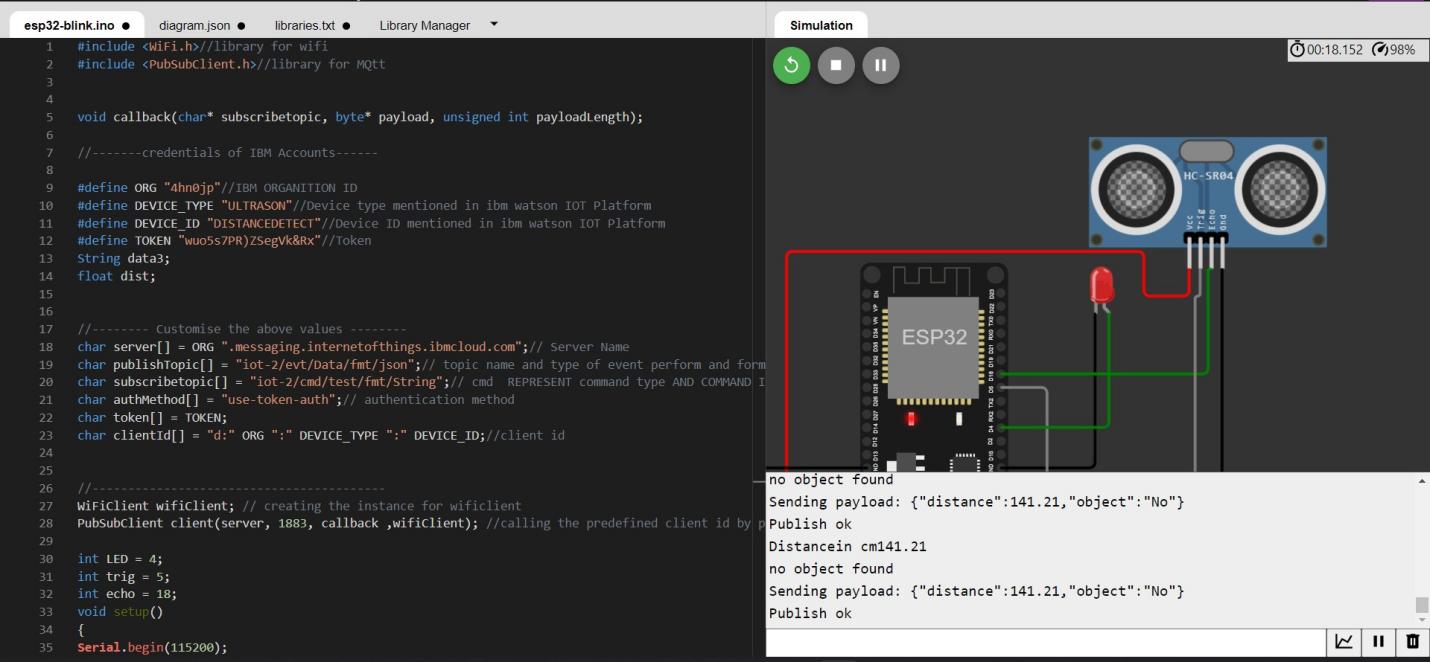




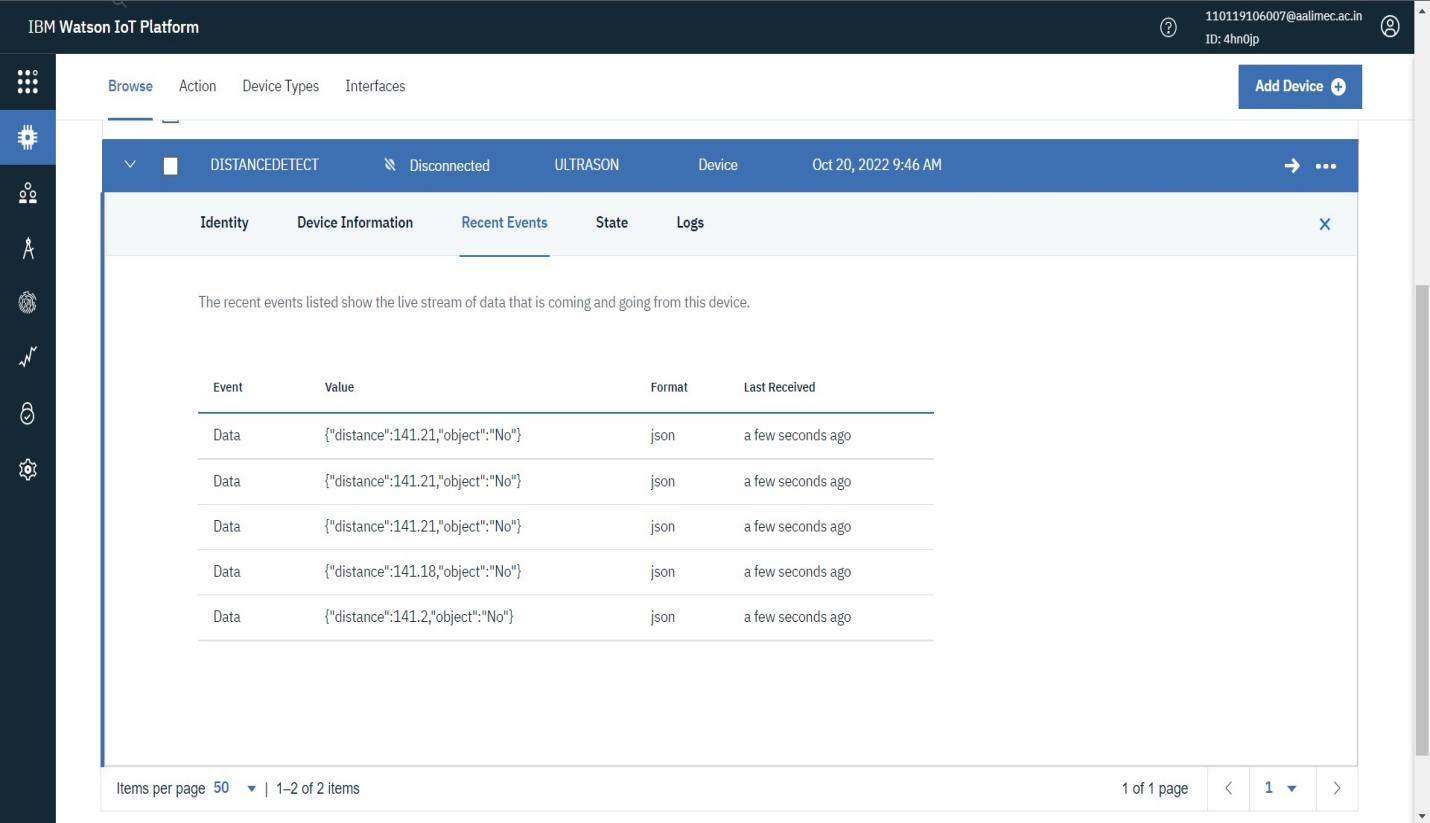




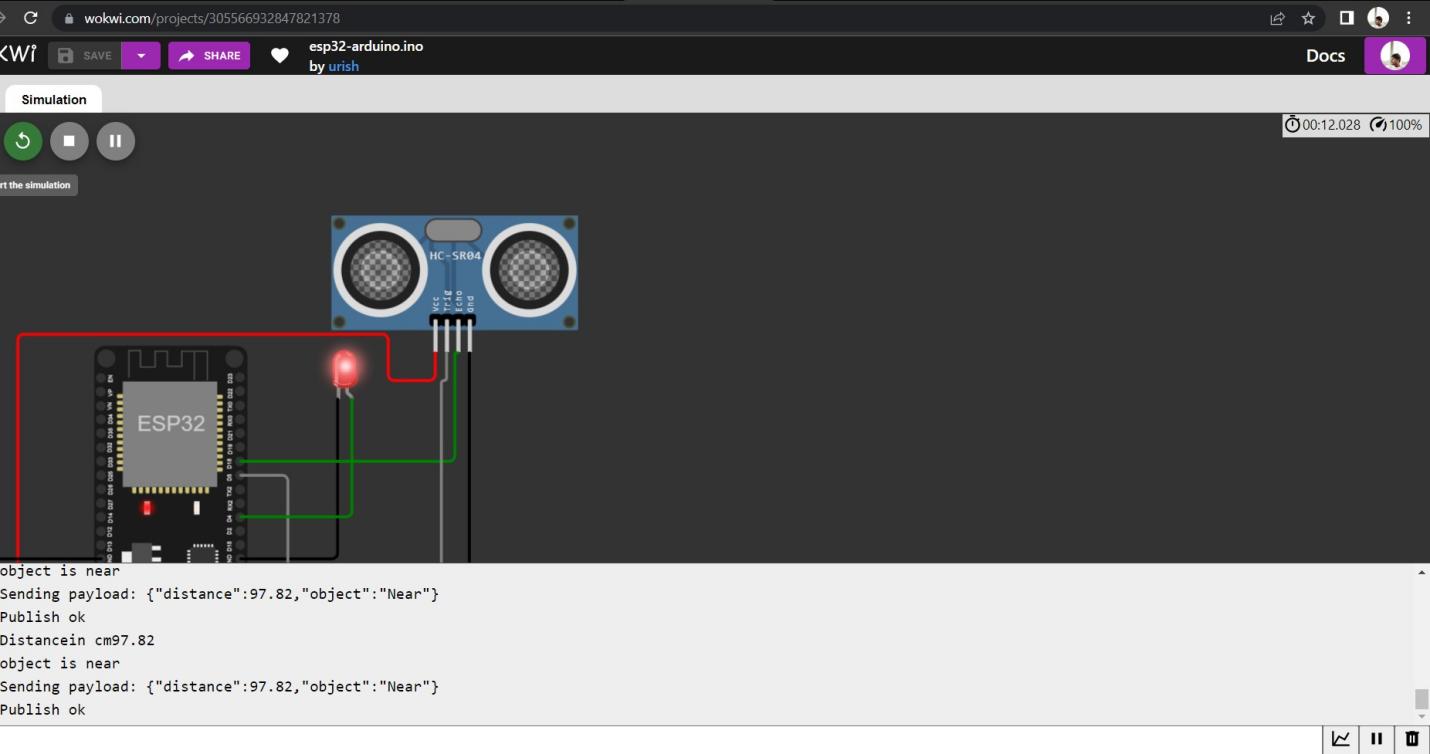
OUTPUT:



# Data send to the IBM cloud device when the object is far



# when object is near to the ultrasonic sensor



# Data sent to the IBM Cloud Device when the object is near

