# Assignment -4

Python Programming

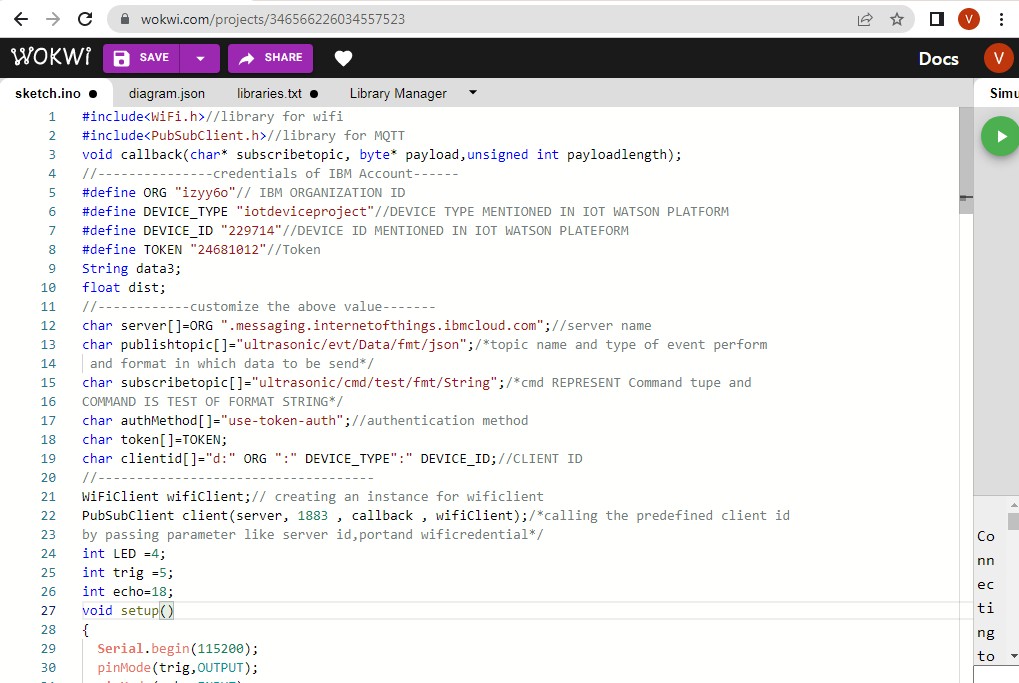
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| --- | --- |
| Assignment Date | 24 October 2022 |
| Team ID | PNT2022TMID50683 |
| Project Name | Real time river water quality monitoring & control system |
| Maximum Marks | 2 Marks |

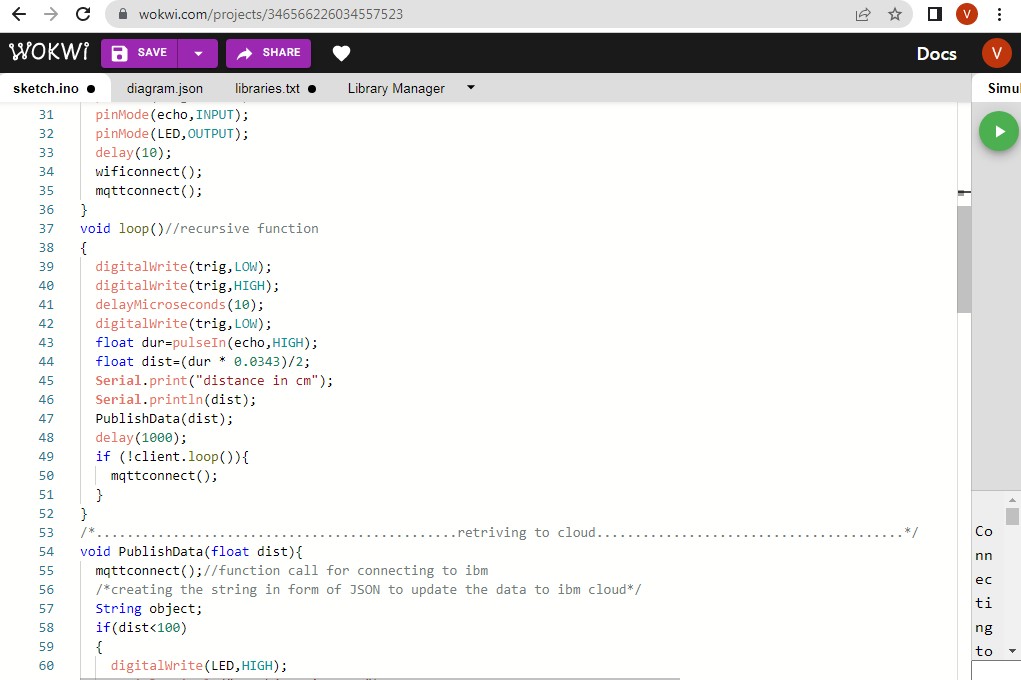
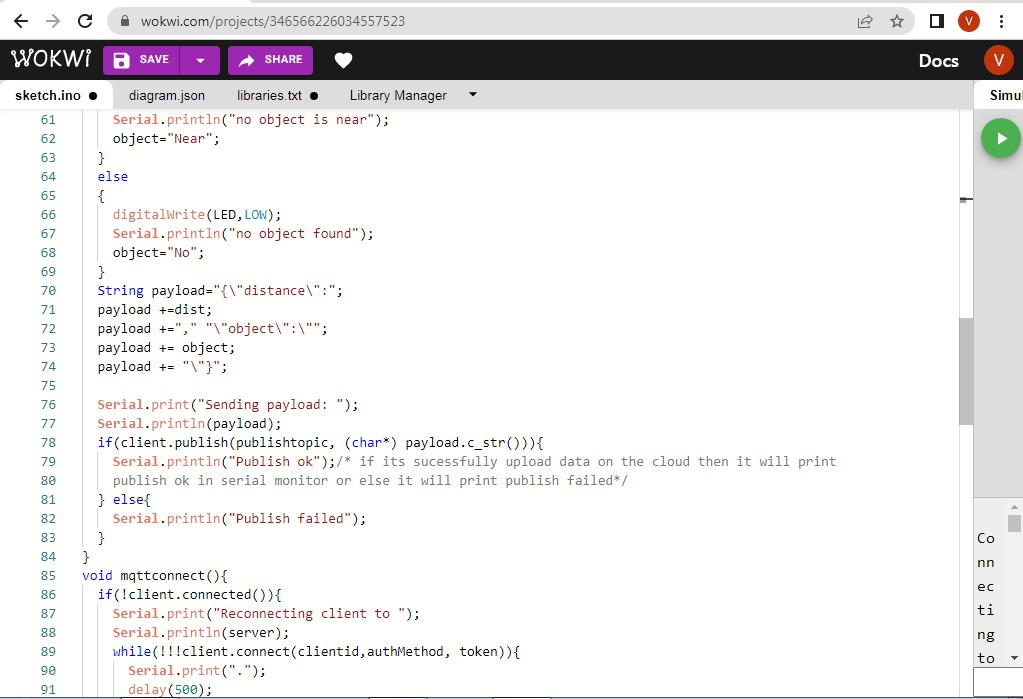
# Question-1:

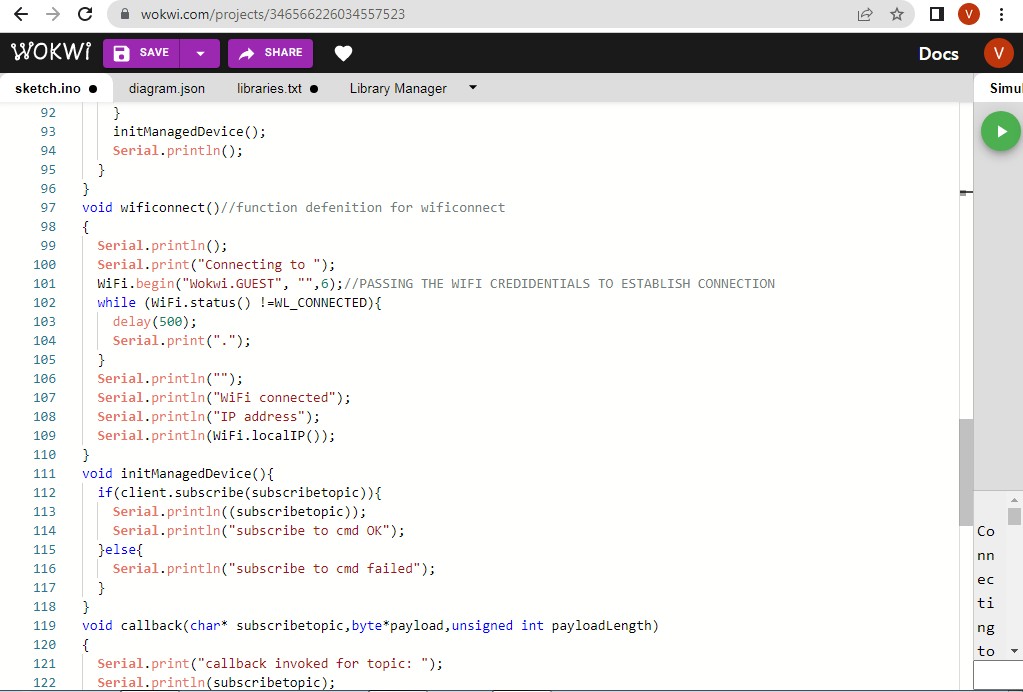
Write code and connections in wokwi for ultrasonic sensor.

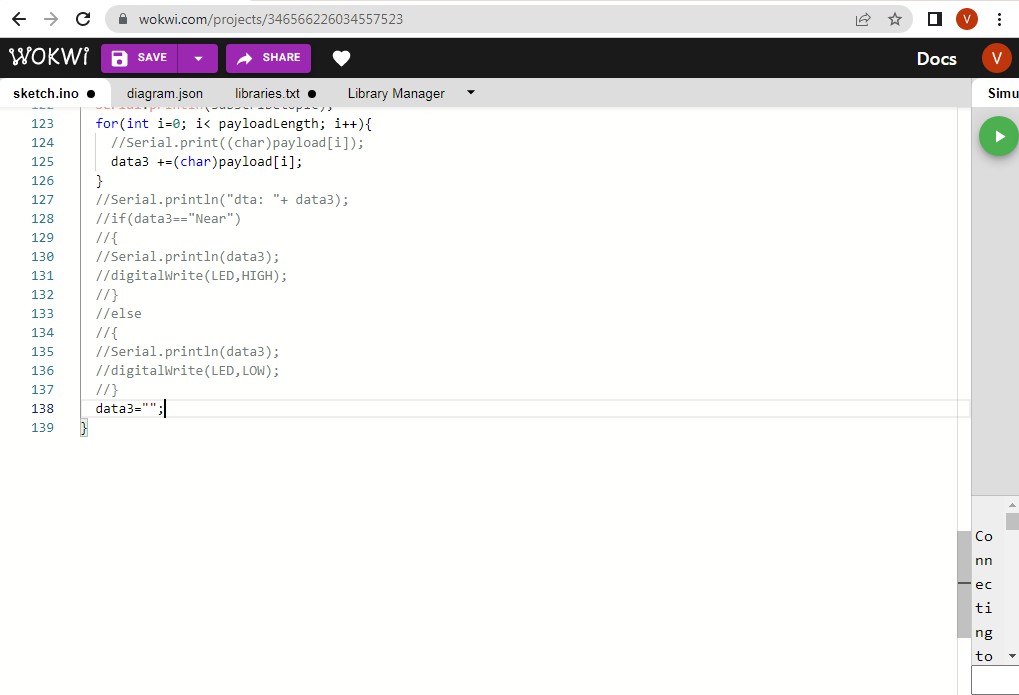
Whenever distance is less than 100 cms send "alert" to ibm cloud and display in device recent events. Upload document with wokwi share link and images of ibm cloud

# Solution:



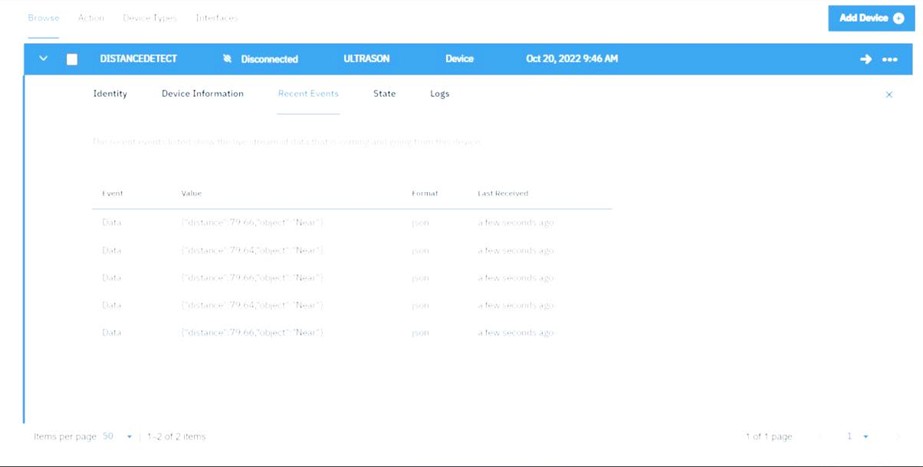




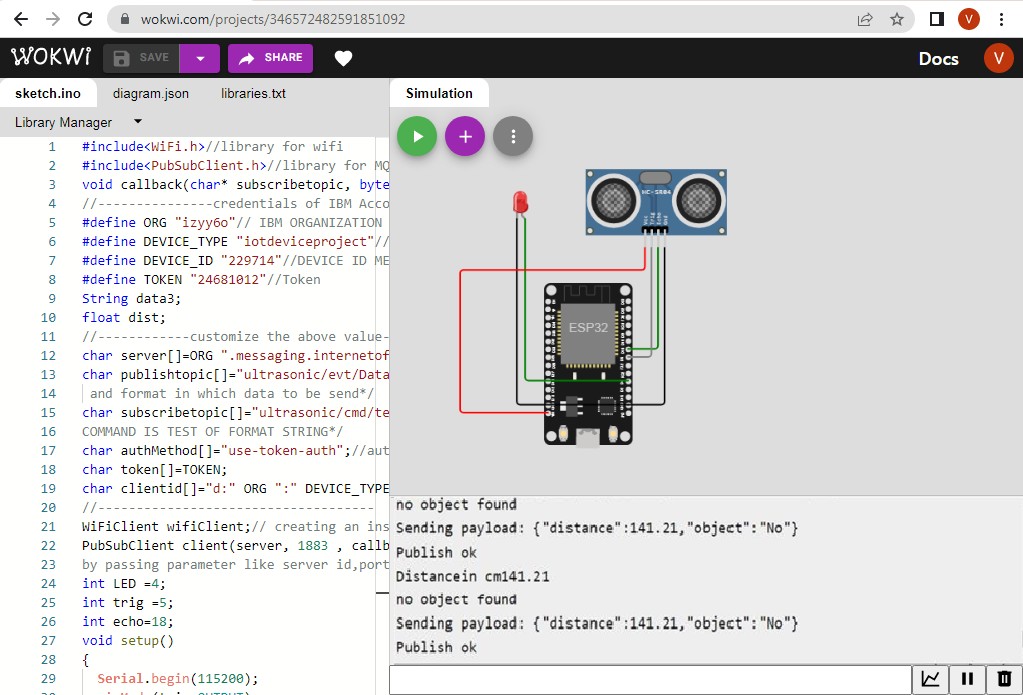


OUTPUT:

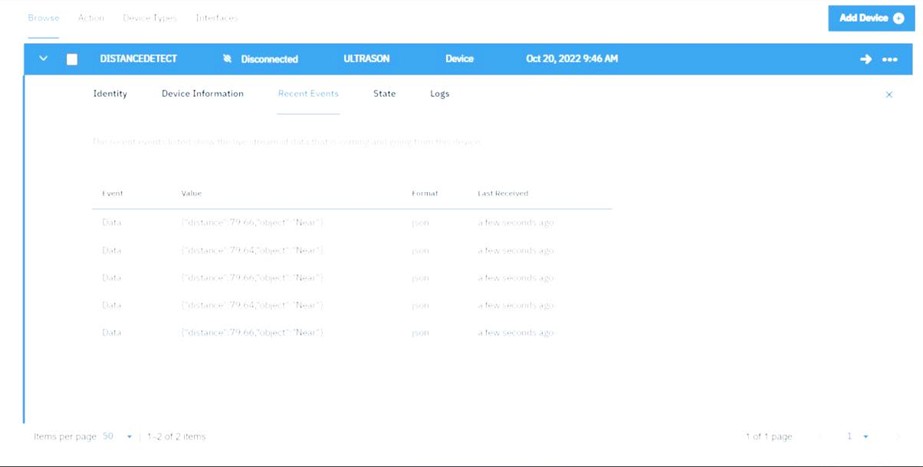
DATA IS SENT TO IBM CLOUD WHEN NO OBJECT IS DETECTED



When no object is detected



Data is sent to ibm cloud when object is detected



When object is detected in ultrasonic detector

