# ASSIGNMENT-4 DISTANCE DETECTION USING ULTRASONIC SENSOR

| Date                | 25 October 2022  |
|---------------------|------------------|
| Team ID             | PNT2022TMID11066 |
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| Student Roll Number | 811519106118     |
| Maximum Marks       | 2 Marks          |

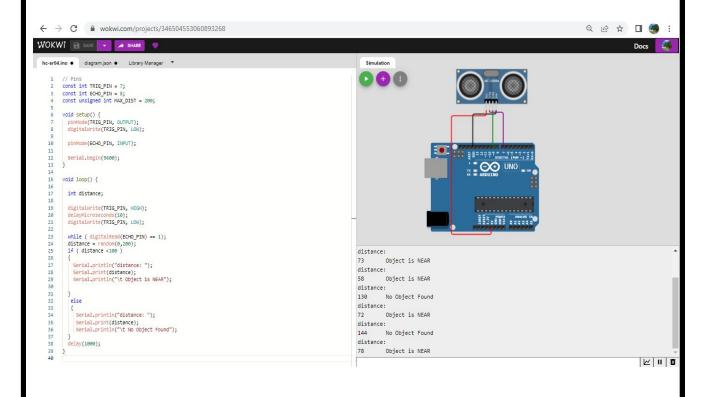
#### Question1:

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/346504553060893268

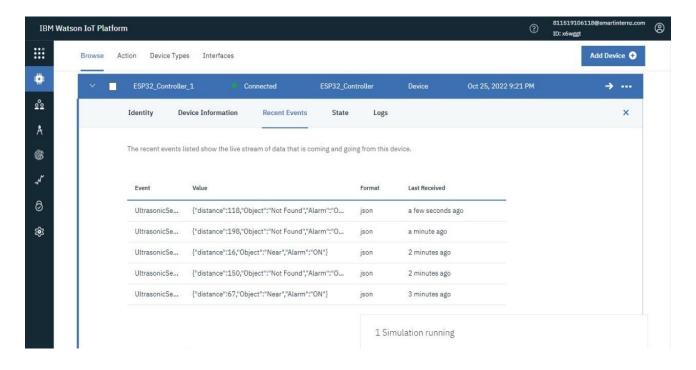
### CODE:



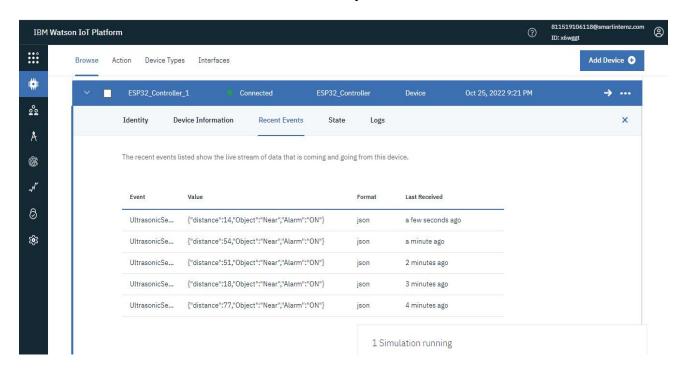
#### **OUTPUT:**

#### **IBM Cloud Event:**

## Whenever distance is less than 100 cm send "alert" to IBM cloud Event

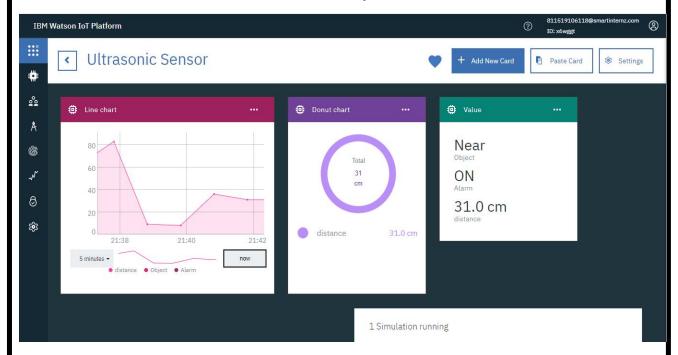


# Data sent to the IBM Cloud Device when the object is near

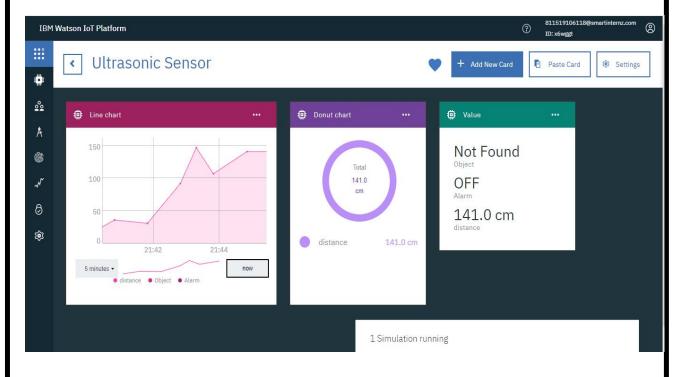


# IBM Cloud Event Board Output:

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



Data sent to the IBM Cloud Device when the object is Not Found



WOKWI LINK:

https://wokwi.com/projects/346504553060893268