ASSIGNMENT-4

DISTANCE DETECTION USING ULTRASONIC SENSOR

| Date | 25 October 2022 |
|---------------------|------------------|
| Team ID | PNT2022TMID11066 |
| Name | PALANIYAPPAN A |
| Student Roll Number | 811519106098 |
| Maximum Marks | 2 Marks |

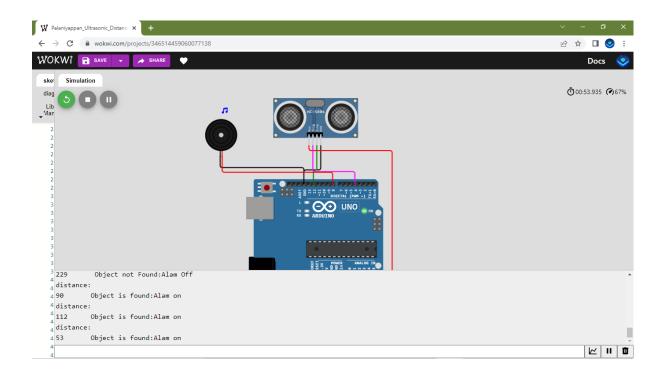
Question1:

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/346514459060077138

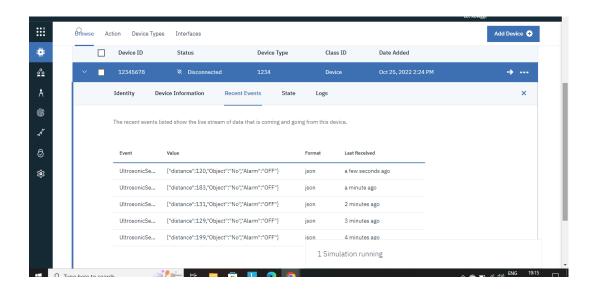
CODE:



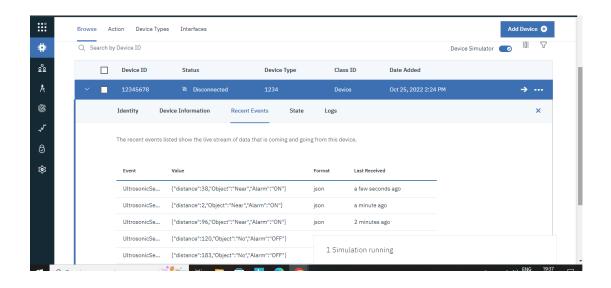
Output:

IBM Cloud Event:

Whenever distance is less than 130 cm send "alert" to IBM Cloud Event

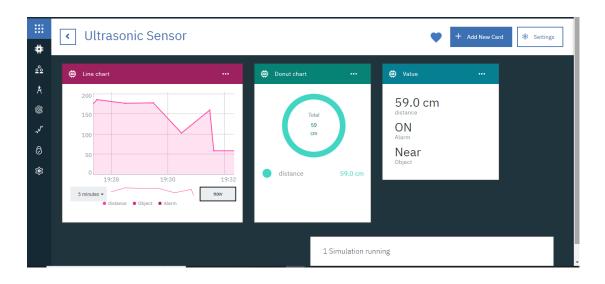


Data sent to the IBM Cloud Device When the Object is found

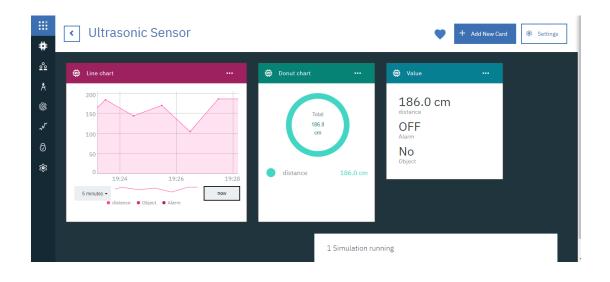


IBM CLOUD EVENT BOARD OUTPUT:

Data sent to the IBM Cloud Device When the Object is found



Data sent to the IBM Cloud Device When the Object is Not found



WOKWI LINK:

https://wokwi.com/projects/346514459060077138