

## ASSIGNMENT-4

Name	Shane Rex S
Team ID	PNT2022TMID21301
Topic	Smart solution for Railways

### Task:

Write code and connections in wokwi for the ultrasonic sensor.

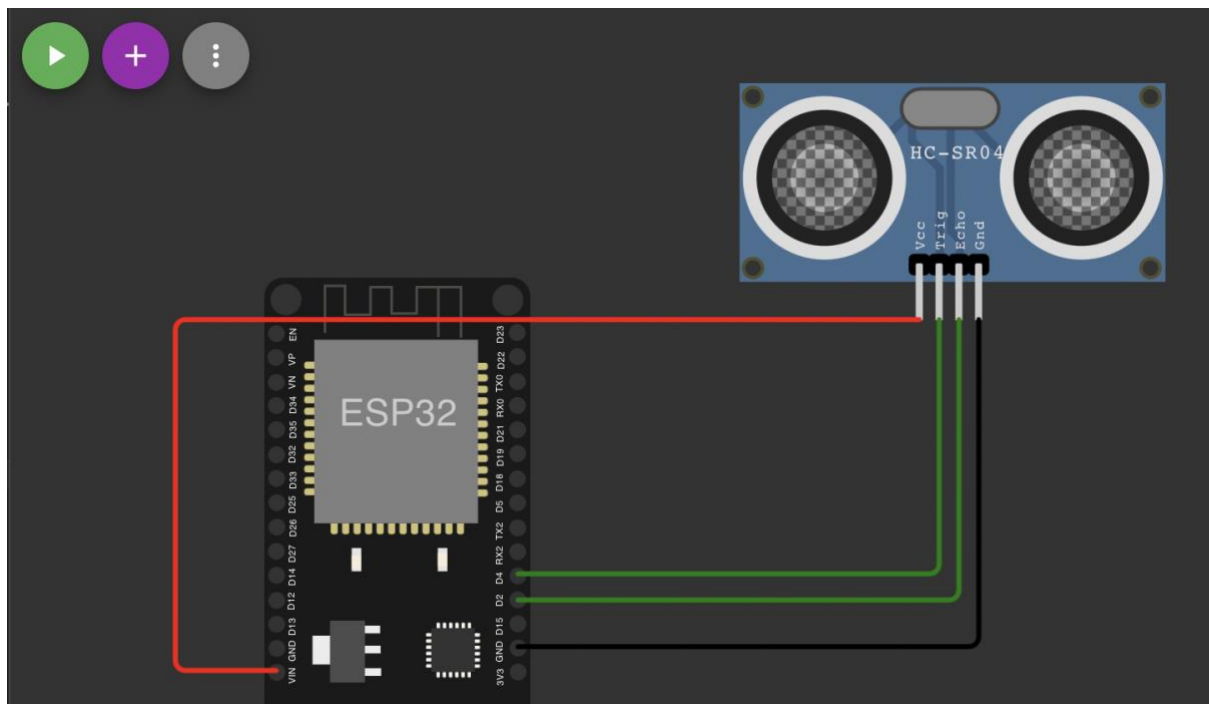
Whenever the distance is less than 100 cms send an "alert" to the IBM cloud and display in the device recent events.

Upload document with wokwi share link and images of IBM cloud

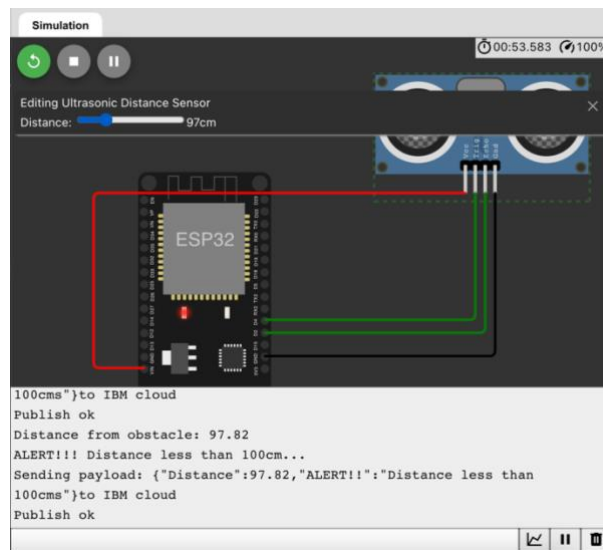
### Wokwi share link:

<https://wokwi.com/projects/346853412238787156>

### Connections:



## Wokwi output:



## IBM Cloud output:

IBM Watson IoT Platform

shane@student.fca.edu  
ID: kapgrv

Identity Device Information **Recent Events** State Logs

The recent events listed show the live stream of data that is coming and going from this device.

Event	Value	Format	Last Received
Data	{"Distance":90.77;"ALERT!!":"Distance less than ...	json	a few seconds ago
Data	{"Distance":90.77;"ALERT!!":"Distance less th	json	a few seconds ago
Data	{"Distance":90.77;"ALERT!!":"Distance less than 100cms"}to IBM cloud	json	a few seconds ago

Items per page 50 | 1-1 of 1 item

1 of 1 page

0 Simulations running