

**V.S.B ENGINEERING COLLEGE**  
**ASSIGNMENT -4**

**Name –S.Keerthana**

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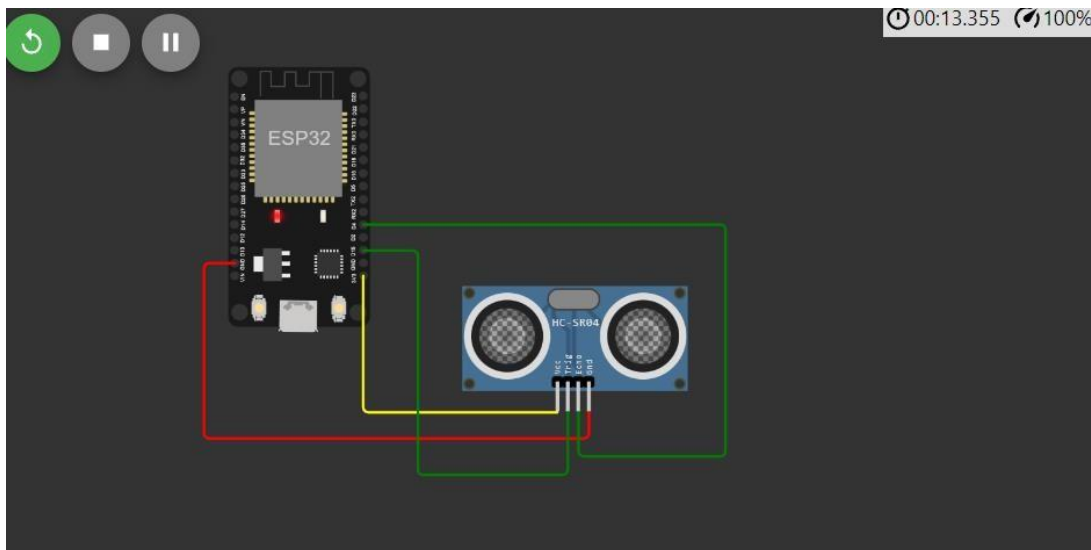
**Project name –Personal assistance for senior who are self reliant**

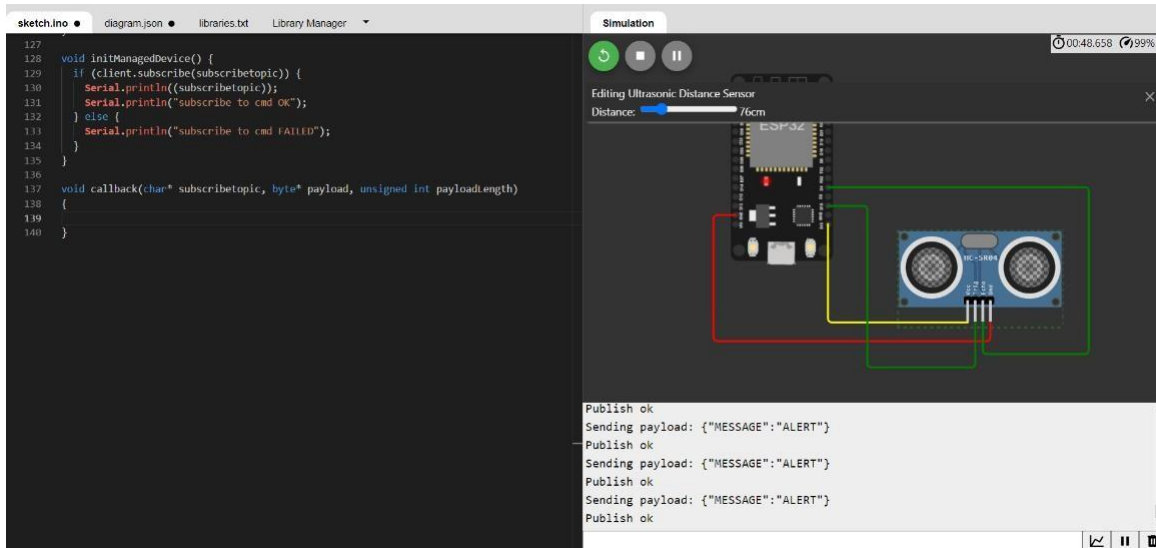
**Question :**

Write code and connections in Wokwi for the ultrasonic sensor. Whenever the distance is less than 100 cm send an "alert" to the IBM cloud and display in the device recent events.

**Link:** <https://wokwi.com/projects/346782935669539410>

**Circuit Diagram:**





## OUTPUT:

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Browse Action Device Types Interfaces Add Device

Identity	Device Information	Recent Events	State	Logs
12	Connected	abcd	Device	Oct 19, 2022 10:06 PM

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

Event	Value	Format	Last Received
Data	{"MESSAGE": "ALERT"}	json	a few seconds ago
Data	{"MESSAGE": "ALERT"}	json	a few seconds ago
Data	{"MESSAGE": "ALERT"}	json	a few seconds ago
Data	{"MESSAGE": "ALERT"}	json	a few seconds ago
Data	{"MESSAGE": "ALERT"}	json	a few seconds ago

>	12	Disconnected	zxcv	Device	Oct 20, 2022 6:11 PM
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