ASSIGNMENT -4

DATE	27TH OCTOBER2022
STUDENT NAME	HARIPRIYA U
STUDENT ROLL NO	510119106002
MAXIMUM MARKS	2 MARKS

QUESTION:

WRITE A CODE AND CONNECTIONS IN WOKWI FOR ULTRASONIC SENSOR.WHENEVER DISTANCE IS LESS THAN 100 CMS SEND ALERT TO IBM CLOUD AND DISPLAY IN DEVICE EVENTS.

ANSWER :

WOKWI LINK :https://wokwi.com/projects/346501228393398868

IBM CLOUD

Browse   Action   Device Types   Interfaces

Add Device +

		Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
>	☐	123	Disconnected	hp1501	Device	Oct 11, 2022 10:32 PM	
∨	☐	1234	Disconnected	assign4hp	Device	Oct 26, 2022 8:12 PM	→ ⋯

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
event_1hp	{"distance":30}	json	a few seconds ago
event_1hp	{"distance":28}	json	a few seconds ago
event_1hp	{"distance":48}	json	a few seconds ago
event_1hp	{"distance":76}	json	a few seconds ago
event_1hp	{"distance":59}	json	a few seconds ago

1 Simulation running

ID: lhkjly

◄   **ultrasonic**   ♥ + Add New Card ⧉ Paste Card ⚙ Settings

⚙ Line chart   ⋯

```
80
60
40
20
 0
   21:42   21:43   21:44   21:45   21:46
```

5 minutes ▾   now

● distance

1 Simulation running