# ASSIGNMENT-4

## DISTANCE DETECTION USING ULTRASONIC SENSOR

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| Date | 22 October 2022 |
| Team ID | PNT2022TMID19635 |
| Name | Srija R |
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| Maximum Marks | 2 Marks |

QUESTION:

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/346235465961046612

CODE:













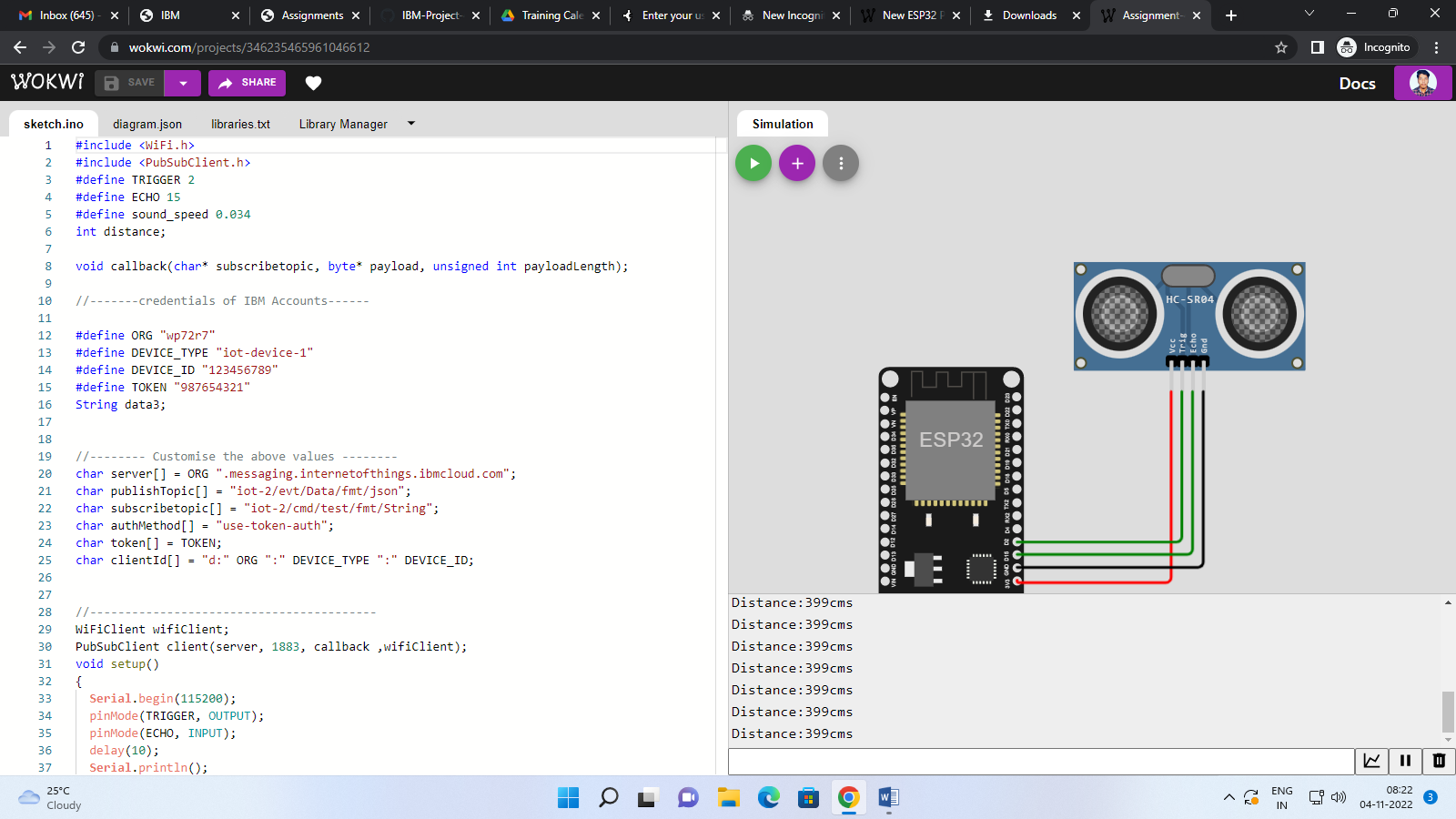
OUTPUT:



# Data send to the IBM cloud device when the object is far



# when object is near to the ultrasonic sensor



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

