**Assignment - 4**

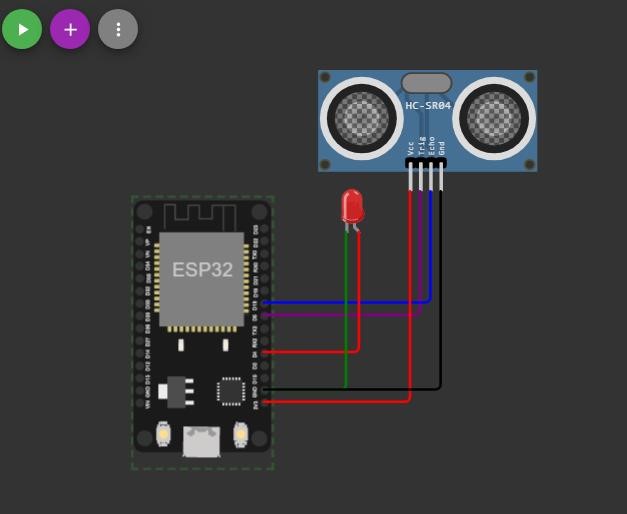
|  |  |
| --- | --- |
| Assignment Date | 16/11/2022 |
| Student Name | Y.Jithendra |
| Student Roll Number | 212219060300 |

**Question:**

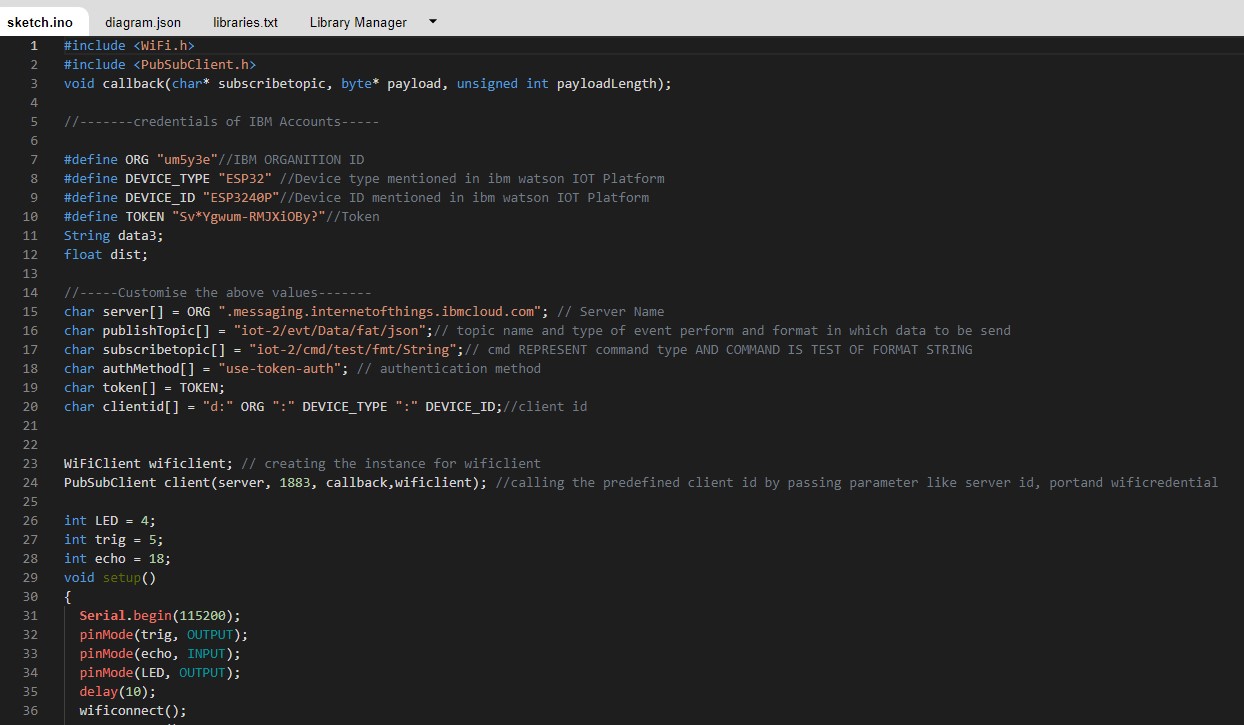
Write code and connections in WokWi for Ultrasonic Sensor. Whenever the distance is less 100cm, send “Alert” to IBM cloud and display in device recent events.

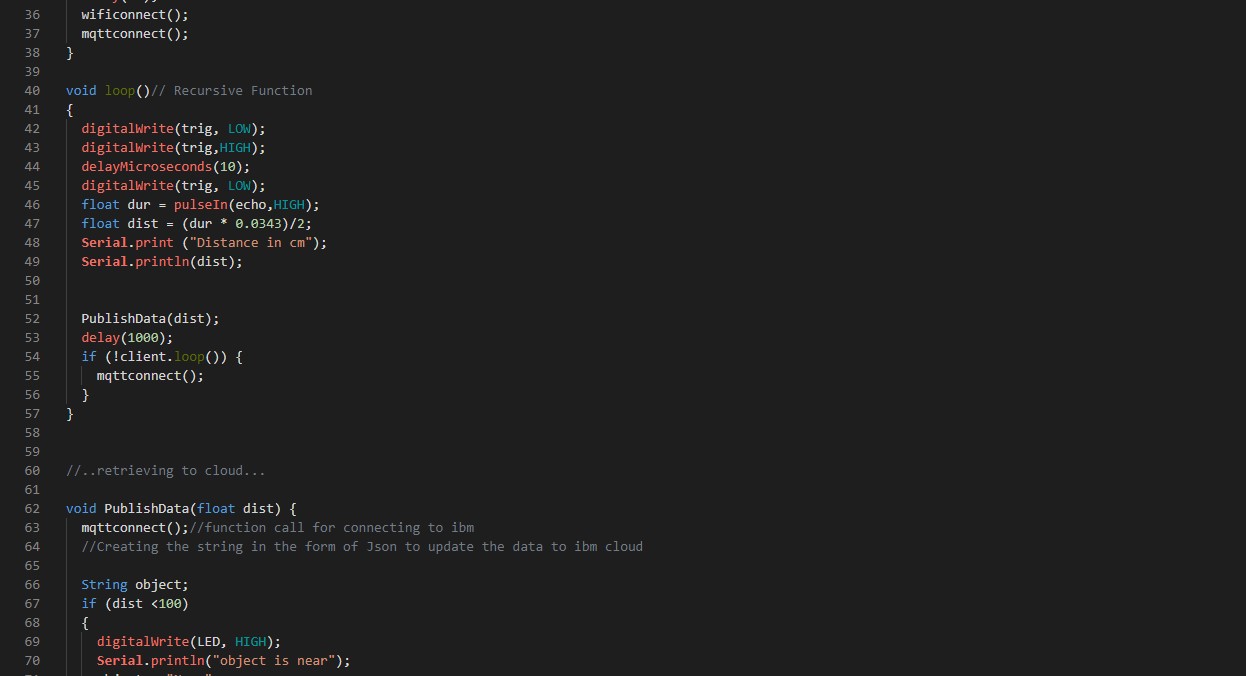
**Solution:**

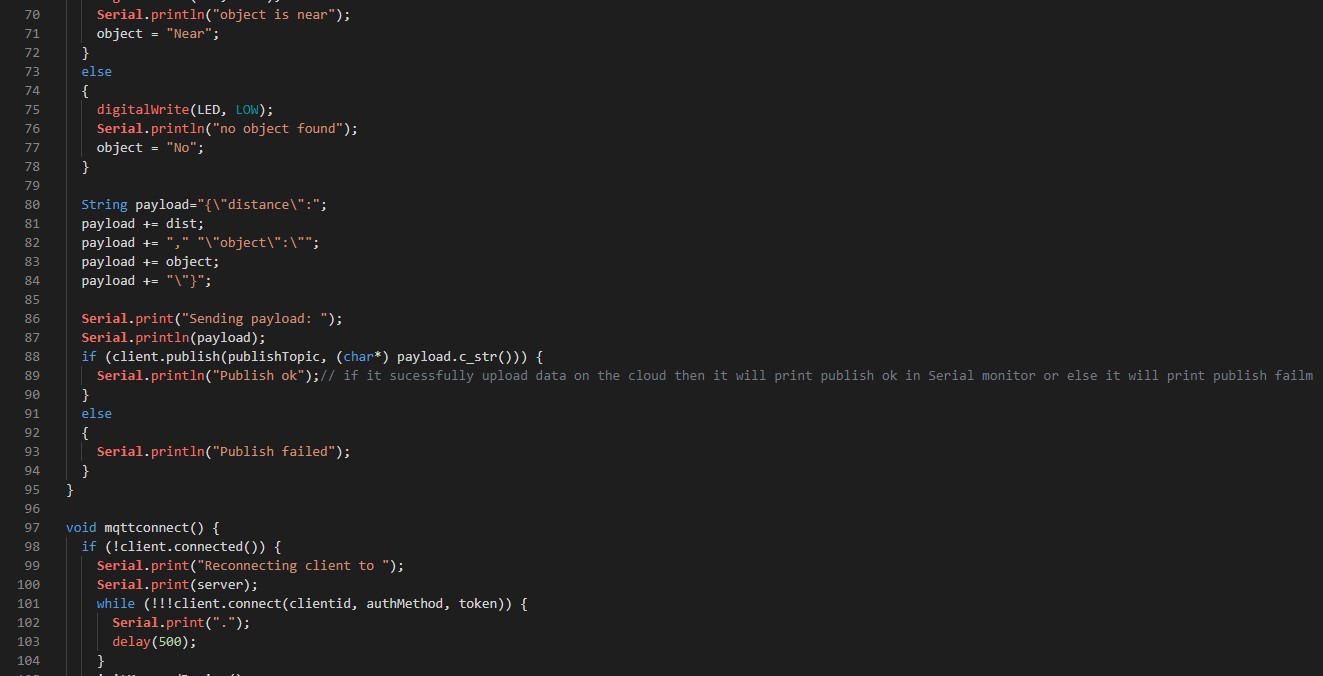
**Circuit Diagram:**



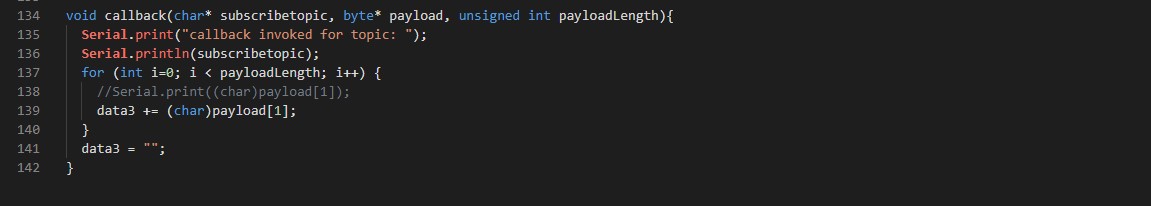
**Code:**





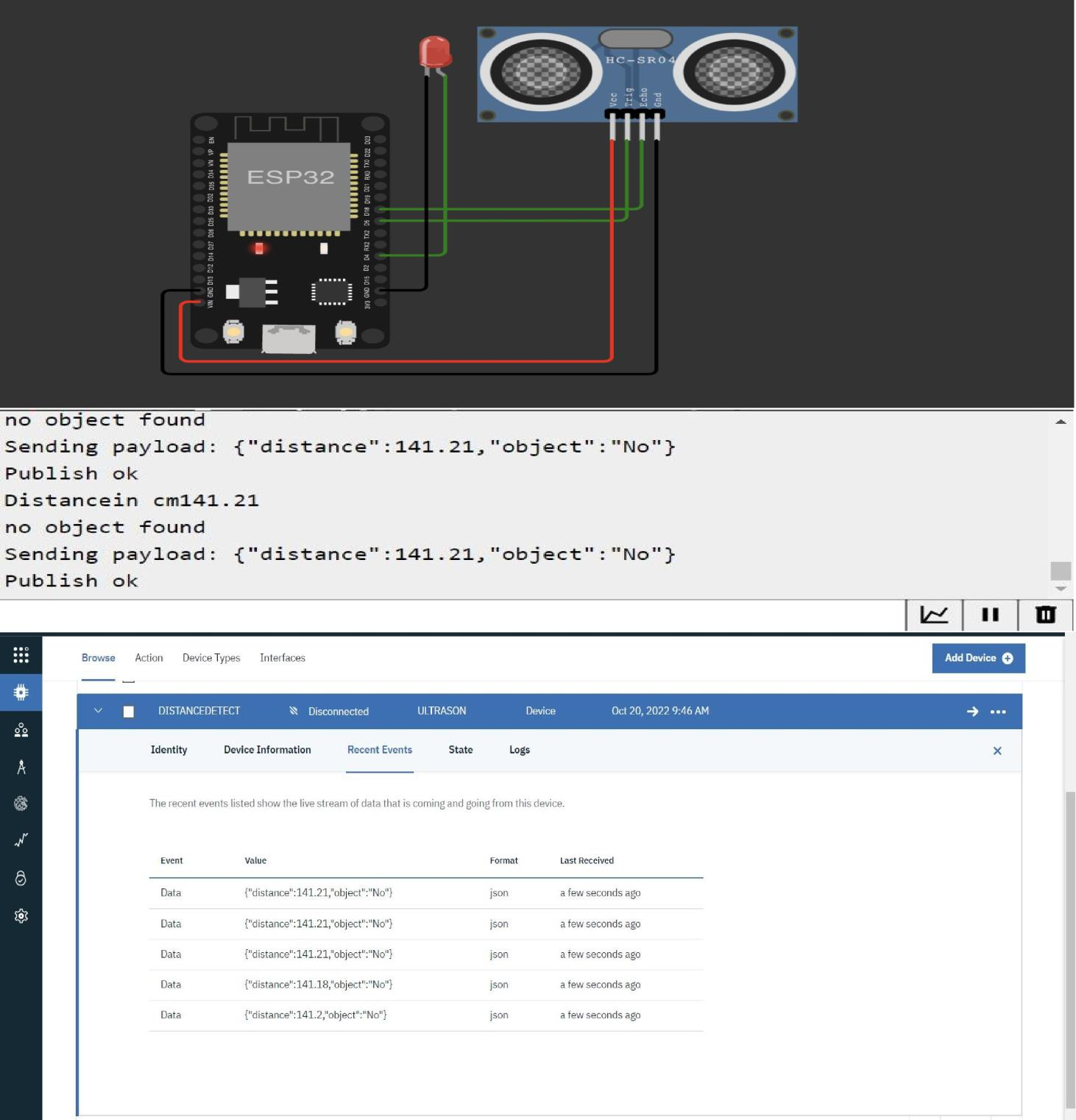






**OUTPUT:**

**When the Object is Far:**



**When the Object is Near:**

