

converte the data into string concinate the msg string and converted data to transmit

transmit = "MQ7 value " + transmit\_msg;



Transmit the data character by character as per the mgs length rf\_driver.send((uint8\_t \*)msg\_mq7, strlen(msg\_mq7));



Read the MQ2value by calling the read\_mq2()function MQ7value = read\_mq7();

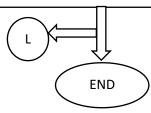


converte the data into string concinate the msg string and converted data to transmit

transmit = "MQ2 value " + transmit\_msg;



Transmit the data character by character as per the mgs length rf\_driver.send((uint8\_t \*)msg\_mq2, strlen(msg\_mq2));



Links
1. https://www.farnell.com/datasheets/1682209.pdf
2. <a href="https://www.elprocus.com/what-is-arduino-uno-r3-pin-diagram-specification-and-applications/">https://www.elprocus.com/what-is-arduino-uno-r3-pin-diagram-specification-and-applications/</a>
3. https://wiki.dfrobot.com/PH_meter_SKU_SEN0161_
4. https://www.application-datasheet.com/pdf/dfrobot/509083/sen0161.html
5. https://dlnmh9ip6v2uc.cloudfront.net/datasheets/Sensors/Temp/DS18B20.pdf
6. <a href="https://lastminuteengineers.com/ds18b20-arduino-tutorial/">https://lastminuteengineers.com/ds18b20-arduino-tutorial/</a>
7. <a href="https://lastminuteengineers.com/mq2-gas-senser-arduino-tutorial/">https://lastminuteengineers.com/mq2-gas-senser-arduino-tutorial/</a>
8. <a href="https://components101.com/sensors/mq2-gas-sensor">https://components101.com/sensors/mq2-gas-sensor</a>
9. <a href="https://microcontrollerslab.com/433mhz-rf-receiver-module-pinout-applications-arduino-examples/">https://microcontrollerslab.com/433mhz-rf-receiver-module-pinout-applications-arduino-examples/</a>
10. <a href="https://components101.com/asset/sites/default/files/component_datasheet/433%20MHz%20RF%20Transmitter%20M_odule_0.pdf">https://components101.com/asset/sites/default/files/component_datasheet/433%20MHz%20RF%20Transmitter%20M_odule_0.pdf</a>
11. https://www.elprocus.com/lcd-16x2-pin-configuration-and-its-
working/#:~:text=The%20term%20LCD%20stands%20for,emitting%20diodes%20and%20seven%20segments.
12. <a href="https://www.elprocus.com/interface-lcd-liquid-crystal-display-using-arduino/">https://www.elprocus.com/interface-lcd-liquid-crystal-display-using-arduino/</a>
13. <a href="https://www.semiconductorforu.com/application-lcd-liquid-crystal-display/">https://www.semiconductorforu.com/application-lcd-liquid-crystal-display/</a>