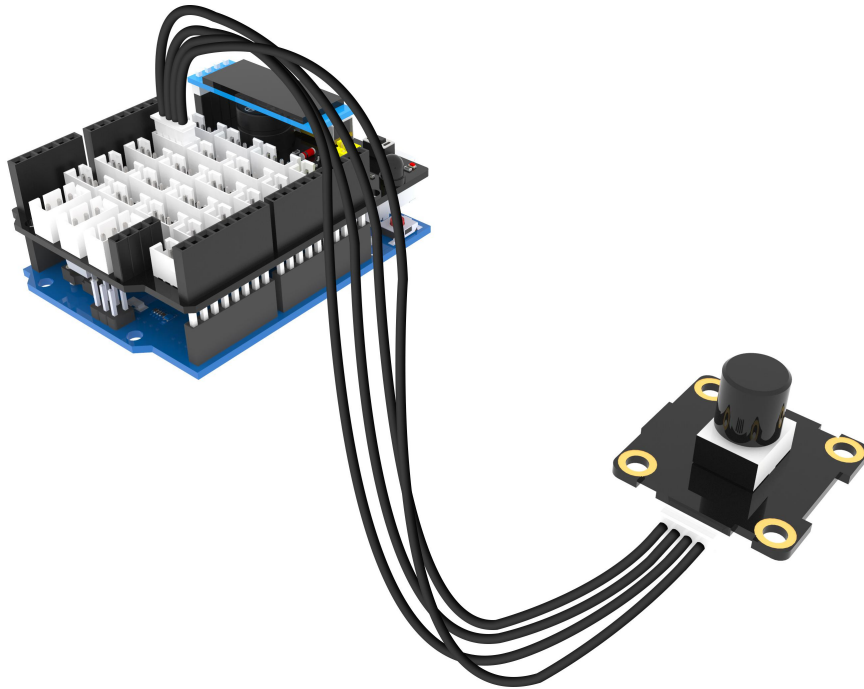


Experimental content: OLED display shows potentiometer value or joystick value

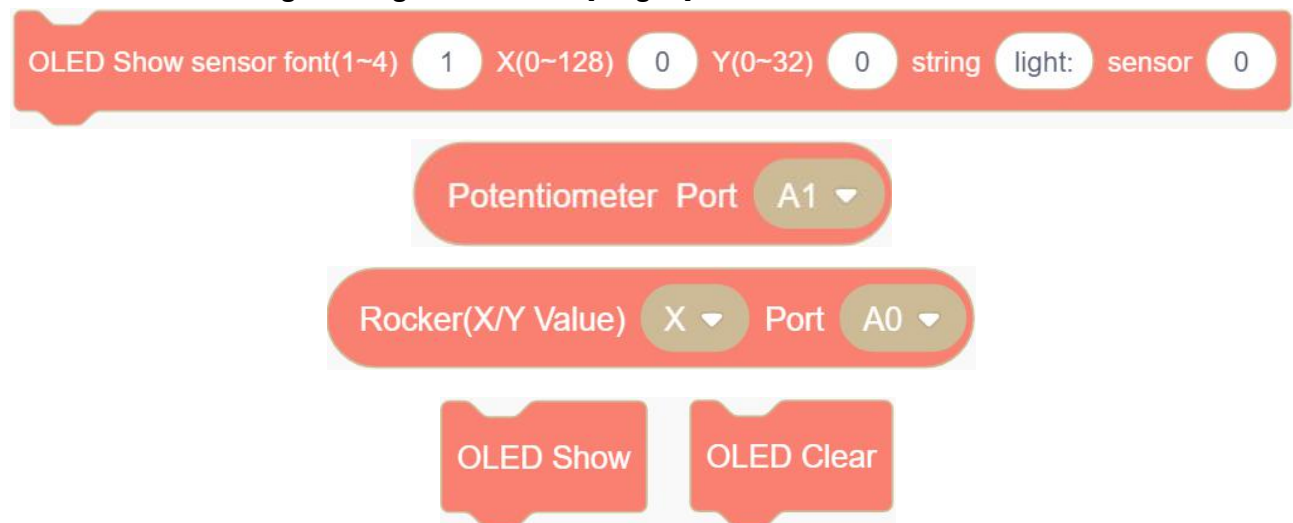
Experiment preparation: UNO board *1, sensor expansion board *1, USB data cable *1, 0.91 inch OLED *1, Potentiometer module *1, 4pin cable(PH2.0) *1.

Experimental wiring:

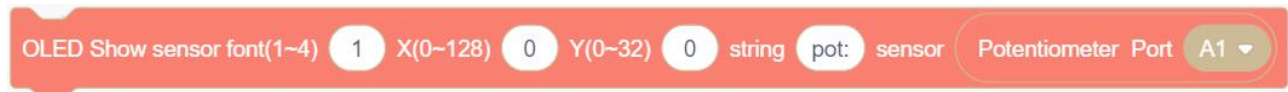


Experimental steps:

1. Select the following building blocks in the [Plugkit].



2. Put the potentiometer module block into the last sensor data entry of the OLED display sensor data. The character light: the OLED display sensor data is modified to the first three letters pot: of the potentiometer. Potentiometer module Port A1 by default no need to be modified.

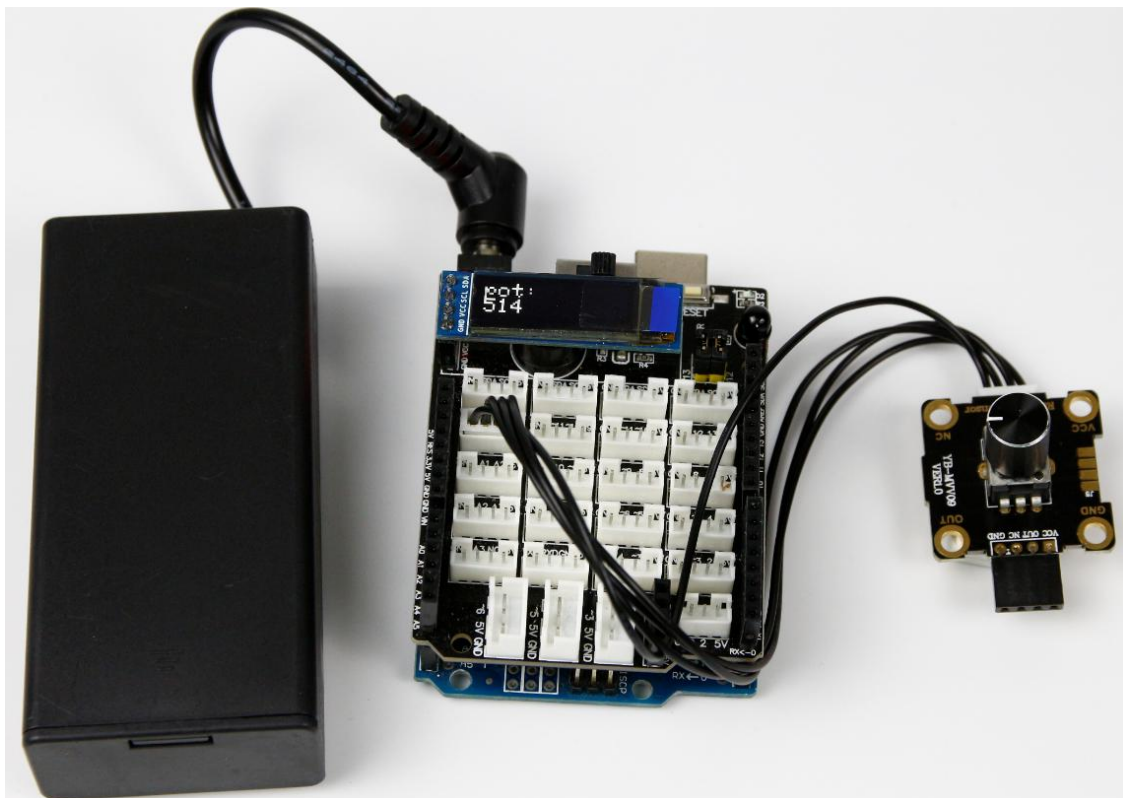


3. Add the combination of the block of step 2 and the "OLED clear screen", "OLED display", and "wait for 1seconds" to the loop block.



4. Compiling and uploading programs.

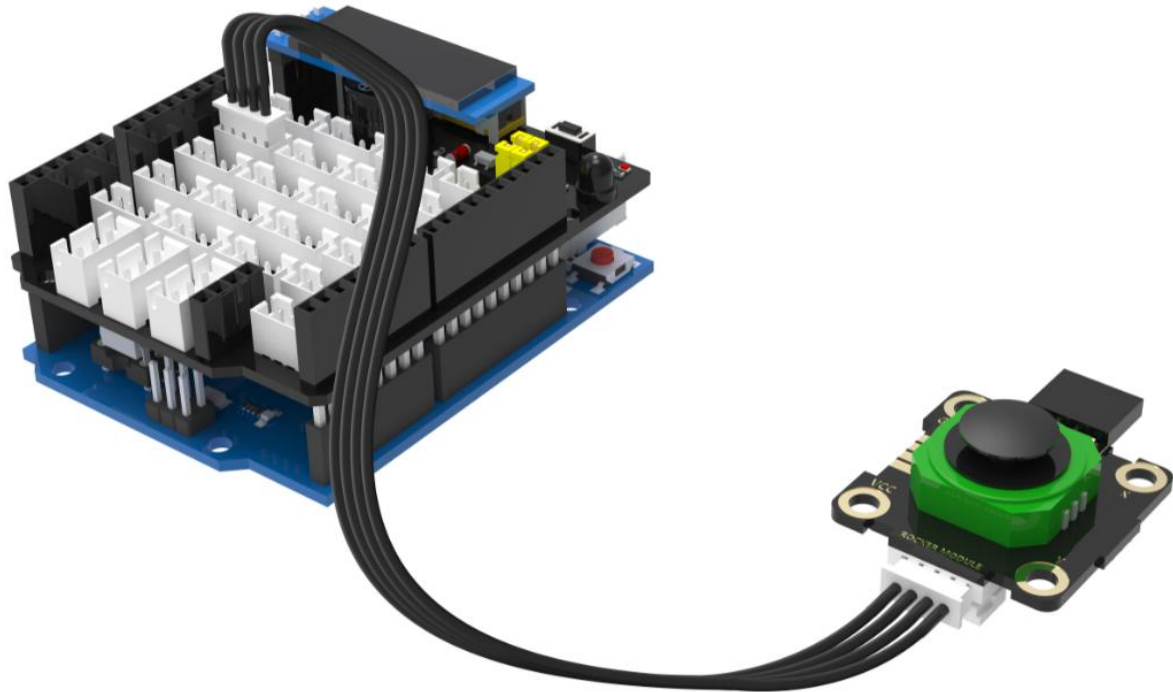
Experimental phenomena: The first line of the OLED display shows pot: the second line displays the potentiometer data (0 ~ 1024). When we adjust the potentiometer, the second line of the OLED display will change accordingly.



Expand: The OLED shows the value of the rocker.

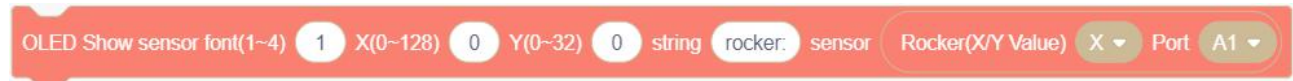
Experiment preparation: UNO board *1, sensor expansion board *1, USB data cable *1, 0.91 inch OLED *1, Rocker module *1, 4pin cable(PH2.0) *1.

Experimental wiring:

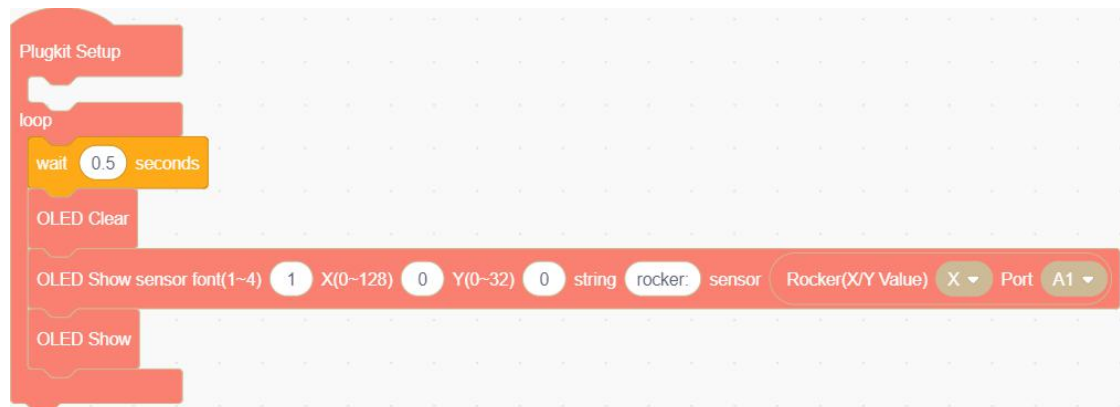


Experimental steps:

1. Modify the character of the step 2 block combination to rocker :, replace the sensor data potentiometer block with the rocker block.



2. Add the combination of the block of step 2 and the "OLED clear screen", "OLED display", and "wait for 1seconds" to the loop block.



Experimental phenomena: The first line of the OLED display shows "rocker:" the second line displays the potentiometer data (0 ~ 1024). When we adjust the rocker, the second line of the OLED display will be changed.

