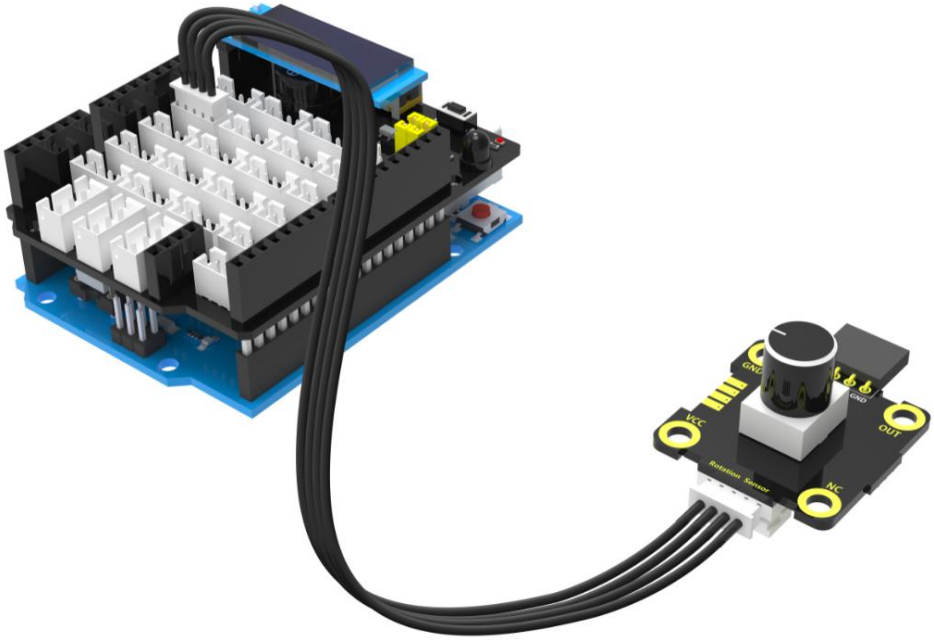
Experimental content: Serial port print display potentiometer value

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

Experimental wiring:

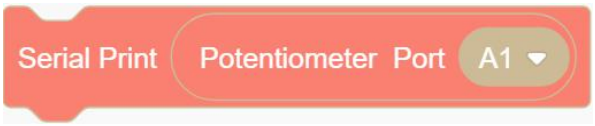


The potentiometer module is connected to the connector of the sensor expansion board (GND, A0, A1, 5V), OUT: A1.

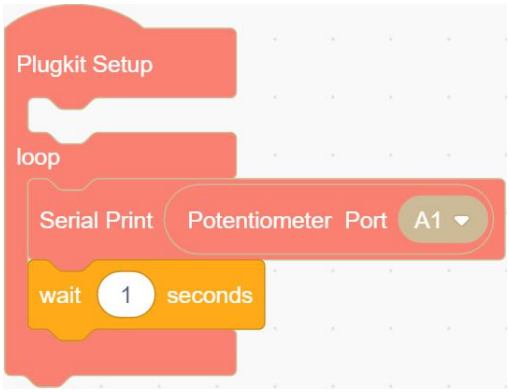
Experimental steps:

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

2. Put the oval potentiometer module into the input (number or text) of the serial block



3. Put the blocks from the previous step and the "wait for 1 second" block into the loop block.



4. Connect to the computer through the USB data cable, click 

the upper right part of helloblock to switch to the code mode, select the serial port number other than COM1

, click the upload symbol  in the upper right corner, wait patiently for a moment, and when the lower right corner appears “Done compiling. Done uploading” indicates the upload is successful.

Experimental phenomena: The serial port debugging assistant prints the read analog value of the potentiometer every 1s. Open the serial port debugging assistant, select the baud rate 115200, open the serial port, and select the display receiving time to see.