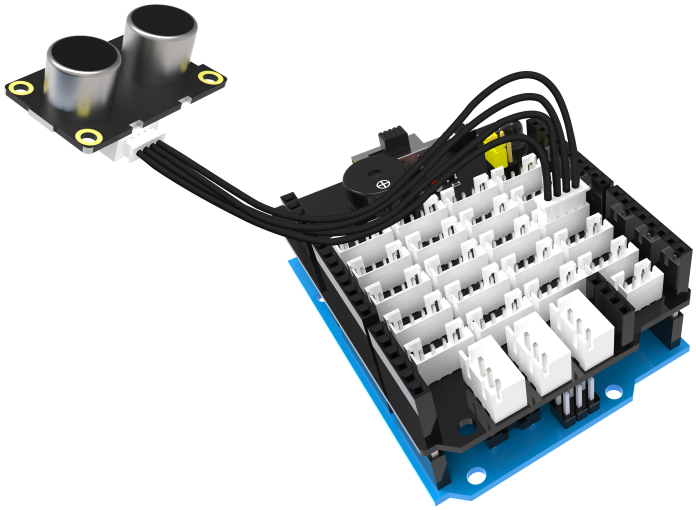
Experimental content: Ultrasonic ranging and print out through serial port

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

Experimental wiring:

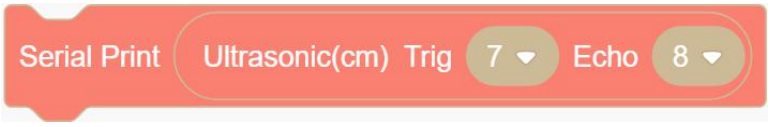


Ultrasonic sensor module is connected to the interface of the sensor expansion board with silk screen (GND, 8, 7, 5V).

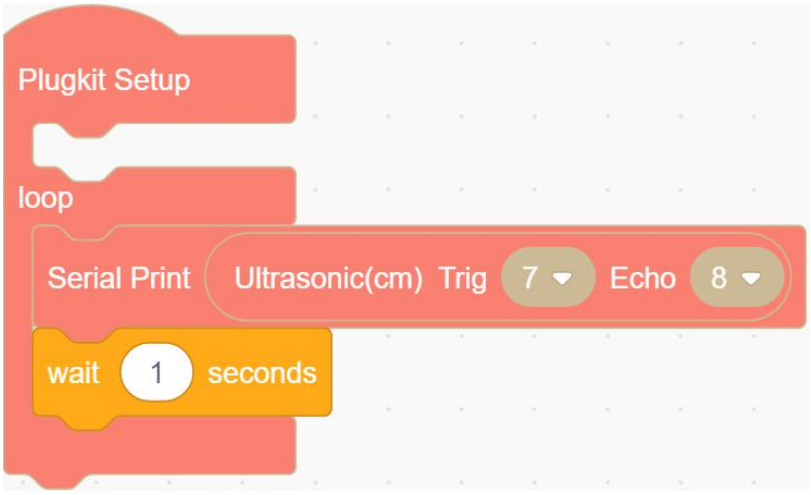
Experimental steps:

1.Select the following blocks in the [Plugkit], [Control].

2.Put the ultrasonic blocks into the input items printed on the serial port. The default transmit port 7 and receive port 8 do not need to be modified.



3.Add wait 1 seconds to the block combination of step 2 and put them into the loop block.



4.Compiling and uploading programs.

Experimental phenomena: The serial port prints the ultrasonic sensor data every 1s. Open the serial port debugging assistant, set the baud rate to 115200, and open the serial port to observe the data be printed.