2024/3/6

* Todo list:
  + Change the board to the new UNO board
  + Figure out how to assemble the 1st and 2nd joint
    - Done.
  + Test the motor, mark out the zero position
  + Add flush to the python controller
  + Update the Arduino FW
    - Add the servo control board component
    - ~~Redesign the timer interrupt for 12M oscillator~~
      * Misunderstood. The 12M oscillator is for the programmer chip.
    - The new Arduino that we purchase doesn’t have the feature to reset the board when the serial port is connected
      * Incorrect. The board will also reset and behave the same. It’s just the RX gpio port doesn’t convey the message properly. The board is receiving the message as intended, but it wouldn’t show up on the debug pin.
  + Update the purchase list
    - clamp
* Questions to figure out:

2024/3/7

* Todo list:
  + Update the Arduino code
    - add the reset timer to the stream state
    - Add the servo control board component
  + Solved the serial write frequency reduced problem
    - Tried different baud rate -> didn’t work
    - Tried clear the rx buff on Arduino everytime before sending out ACK byte -> didn’t work
    - On python controller, flush the TX buff everytime after serial write -> didn’t work
    - Python code forgot to read the ack byte sent from the Arduino. It piles up the input buffer on the PC and cause the lagging problem after the buffer is full
  + Find the cad model of the aluminum servo frame
* Questions to figure out:

Documentation format:

2024/1/1

* Todo list:
* Questions to figure out: