

## Exercise 2: Servo and USB as UART port

- **UART port and USB**
- **Serial monitor**
- Questions to answer.
  - Which library is used for UART communication protocol?
  - To use the UART ports, do we need to creat an object from a class?
  - There are four sets of serial port in Arduino Mega, to which set is the USB port connected?
  - How to set up the baud rate so that Arduino Mega and Serial Monitor can communicate successfully using UART protocol?
  - Following which convention is the data type *char* codified and stored as binary data?
  - Which of the following function sends data from the Arduino board to the USB port as human-readable ASCII text? *Serial.print()* or *Serial.write()*?
  - What are the binary data sent from Arduino board to the USB by *Serial.write(4)* and *Serial.write("4")*?
  - How does *Serial.read()* decode and interpret the data arriving at the USB port of Arduino Mega?
  - How does the Serial Monitor of Arduino IDE decode and interpret the data arriving at the USB port of the computer?