LIBRARY CLASS

add/remove is to add or remove books to/from the Library, while checkout/return can only happen after the book is added to the Library.

find ()
- Sequential search to keep the books in order
- For loop

Serial number: make an array for that. Most likely in the Library class.

checkOut(Book book)
- **Boolean Method**
    1) The book has been found
    2) The library doesn't have the book
    3) The library does have the book but it has already been checkout
- **Approach?**
  → Call find( ), if you find it, get it checked out and set to boolean is " true"
  → If the library doesn't have the book or the book is checked out return "false"

- **The commands**
  → "Book#1005 is not available." (if the boolean is true)
  → "You've checked out Book#10005. Enjoy!" (if the boolean is false)

returns (Book book)
- **Boolean Method**
- May have to call on each method (find, checkOut)
    1) Check if the book is in the array
    2) The library never owned that book
    3) Successful return

- **Approach?**
  → Call find( ), if the book is in the array, return " false"
  → The library never owned the book, return " false"
  → If successfully checked out, return " true"

- **The commands**
  → "Unable to return Book#10005." (if the boolean is false)
  → "Book#10005 return has completed. Thanks!" (if the boolean is true)

Kiosk Class

Import Scanner

       Starts: " Library Kiosk running"

- Take command and interpret
- Tokenizer: (, , ,)
  → Command { A , R , O, I , PA, PD, PN , Q }
  → Name of the Book
  → Published Date
- Split each part of the command to check if the command is valid
- If valid, call respective method
- Q → " Kiosk session ended"