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title:Stringauthor: String

- publicationYear: Integer

isbn: Integeravaiability: boolean

+ lend(isbn : int, library: Library) : boolean

+ return(isbn : int, library : Library) : boolean

N:1

Library

- collection: List<Book>

+ addBook(Book book) : void

+ removeBook(int isbn) : boolean

+ findByIsbn(int isbn) : Book

+ showCollection() : String

+ showAvailableBooks(): String

N:1

Client
- name:String

- id: Integer

- borrowedBooks: List<Book>

+ makeLoan(int isbn, int id, Library library) : boolean

+ performReturn(int isbn): boolean

+ showClientBookList() : String

+ findClientById(client : List<Client>, id: int): Client