Book

-title : string
-author : Author
-ISBN : string
-publicationDate : Date
-publisher : Publisher
-numberOfCopies : int

+Book(title : string, author : Author, ISBN : string, publisher : Publisher, publicationDate : Date, numberOfCopies : int)
+borrow() : int
+returnBook() : int
+getTitle() : string
+getAuthor() : Author
+getISBN() : string
+getPublicationDate() : date
+getPublisher() : Publisher
+getNumberOfCopies() : int

Publisher

-name : string
-email : string
-address : string

+Publisher(name : string, email : string, address : string)
+getName() : string

Author

-name : string
-email : string
-biography : string

+Author(name : string, email : string, biography : string)
+getName() : string

Librarian

-name : string
-email : string

+Librarian(name : string, email : string)
+addBook()
+removeBook()
+addAuthor()
+removeAuthor()
+addPublisher()
+removePublisher()
+addBorrower()
+removeBorrower()
+findBook()
+findBorrower()

Borrower

-name : string
-email : string
-borrowedBooks : ArrayList<Book>

+borrow()
+returnBook()
+getName() : string
+getEmail() : string