

Library	Book	Person
+Shelf:Array	+ Status: bool, - title: String - author: String +count: int	+ checked out?: add remove book - name: String
<<create>> Book (shelf:array) + add_book() + subtract_book()	<<create>> Book (title: String, author: String, Status: bool, Count: int) + add_book() + subtract_book() + Return_book() + Checkout()	<<create>> Book (title: String, checked_out:class) + checkout() + return_book()