Libary System
Class Diagram

Library

+ Name: string
+ Address: string
+ Phone: int
+ Operating Hours: int

Book

+ Title: string
+ Author: string
+ Publication Year: int
+ Availability: string
+ Genre: string
- ISBN: int

+ Checkout(): void
+ Return(): void

Library Member

+ MemberID: int
+ Name: string
+ Address: string
+ Email: string
+ Phone: int

+ Checkout(Book): return
+ReturnBook(Book): return

1   1..*   0..1

1

1..*

Library Staff

+ StaffID: int
+ Name: string
+ Email: string
+ Phone: int
+ Position: string

+ AddBook(Book): return
+ RemoveBook(Book): return
+ RegisterMember(Library
Member): return
+ RemoveMember(Library
Member): return

1..*