-title: string
-author: string
-yearPublished: int
-edition: string
-ISBN: string
-publisher: string
-bibliophileSID: string
-status: bool

+Book()

+Book(title: string, author: string, edition: string, yearPublished: int, publisher: string, ISBN: string)

Book

+setBookTitle(title: string): void +setBookAuthor(author: string): void +setYearPublished(year: int): void +setEdition(edition: string): void +setPublisher(publisher: string): void +setBookISBN(ISBN: string): void +setBookStatus(condition: bool): void +setBibliophileID(SID: string): void

+getBibliophileID(): string +getBookStatus(): bool +toString(): string +getBookTitle(): string +getBookAuthor(): string +getBookYearPublished(): int +getPublisher(): string

+getBookISBN(): string

Activity

-sID: string

-bookISBN: string -checkedOutDate: string -checkedInDate: string

-search: bool -dueDate: string

+Activity()

+Activity(SID: string, bookISBN: string, checkedOutDate: string)

+toString(): string

+setCheckedOutDate(checkedOut: string): void +setCheckedInDate(checkedInz: string): void

+goSearch(search: bool): string

+getSID() const: string +getISBN() cont: string

+getCheckedOutDate() const: string +getCheckedInDate() cosnt: string

+setDueDate(): void

+getDueDate() const: string

## Bibliophile

name: string
SID: string
Occupation: stri

Occupation: string

+Bibliophile();

+Bibliophile(name: string, SID: string, occupation: string)

+vsetName(name: string): void +setSID(SID: string): void

+setOccupation(Occupation: string): void

+getName(): string
+getSID(): string
+getOccupation(): string
+toString(): string