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| --- |
| 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 |

|  |
| --- |
| Book |
| -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)  +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  +getEdition(): string  +getBookISBN(): string |

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| --- |
| Bibliophile |
| name: string  SID: string  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 |