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| Book UML | |
| Methods | Descriptions |
| -NumberOfBooks: static int | Keeps the number of books created. |
| -author: String | Name of the Author for the book object. |
| -title: String | Title of the book object. |
| -date: int(YEAR) | Year of publication for the book object. |
| -chapters: Chapter[] | Array of the chapters of the book (using the Chapter UML previously created) |
| -numberOfChapters: int | Number of chapters existing in the book object. (Max 100 chapters) |
| +Book() | Constructor for an empty chapter |
| +Book(String author, String title, int date, int numberOfChapters) | Constructor for a chapter with the author, title, year, and the number of chapters. |
| +Book(String author, String title, int date, Chapter chapters) | Constructor for a chapter with the author, title, year, and the array of chapters. |
| +setAuthor(String author) | Sets the name of the author of the book object. |
| +setTitle(String title) | Sets the title of the book object. |
| +setDate(int year) | Sets the year of publication for the book object. |
| +setChapterNumber(int chapterNumber) | Sets the number of chapters in a book object. |
| +setChapter(Chapter chapters) | Sets a chapter array to the chapters of the book object. |
| +getAuthor() | Returns the name of the author of the book object. |
| +getTitle() | Returns the title of the book object. |
| +getDate() | Returns the year of publication for the book object. |
| +getChapterNumber() | Returns the number of chapters in a book object . |
| +getChapter() | Returns a chapter array with the chapters of the book object. |
| +toString() | Prints the title, author, year, and the chapters of the book object. |