|  |
| --- |
| Book |
| - ISBN : int  - title : string  - author : string  - publisher : string  - date(month : int, day : int, year : int) : void  - qty : int  - wholesale : double  - retail : double |
| + Book() :  + ~Book() :  + setISBN(i : int) : void  + setTitle(t : string) : void  + setAuthor (a : string) : void  + setPub(p : string) : void  + setQty(q : int) : void  + setWhole(w : double) : void  + setRetail(r : double) : void  + getISBN() : int  + getTitle() : string  + getAuthor () : string  + getPub() : string  + getQty() : int  + getWhole() : double  + getRetail() : double |

/\*

ModuelInventory Class

-show menu

1. Search Book

a. Search by ISBN

b. Search by Title

c. Search by Author

d. Search by Publisher

e. Search by Date Added

f. Search by Wholesale Cost

-input amount

-less than amount

-more than amount

-equal to amount

g. Search by Retail Price

-input amount

-less than amount

-more than amount

-equal to amount

-List book information:

-ISBN, Title, Author, Publisher, Date Added to Inventory, Quantity-On-Hand, Wholesale Cost, Retail Price

1. Delete Book

-Input Admin Password

-Check for correct Admin Password

-Confirm deletion

2. Change Information

-Input Admin Password

-Check for correct Admin Password

a. Change ISBN

b. Change Title

c. Change Author

d. Change Publisher

e. Change Date Added

f. Change Wholesale cost

-input amount

g. Change Retail Price

-input amount

2. Add Book

-Input Admin Password

-Check for correct Admin Password

-How many?

-Fill out information:

-ISBN, Title, Author, Publisher, Date Added to Inventory, Quantity-On-Hand, Wholesale Cost, Retail Price

3. Delete Book

-Input Admin Password

-Check for correct Admin Password

1. Search Book

a. Search by ISBN

b. Search by Title

c. Search by Author

d. Search by Publisher

e. Search by Date Added

f. Search by Wholesale Cost

-input amount

-less than amount

-more than amount

-equal to amount

g. Search by Retail Price

-input amount

-less than amount

-more than amount

-equal to amount

-List book information:

-ISBN, Title, Author, Publisher, Date Added to Inventory, Quantity-On-Hand, Wholesale Cost, Retail Price

-Confirm deletion

Book Class (SUBCLASS?)

-declare variables: ISBN, title, author, publisher, addDate, qty, wholesale, retail

-constructor

-destructor

-set functions

-get functions

Set Functions

-initialize variables to get data

Get Functions

-ofstream open file

-pull from BookList file into appropriate variables

-ofstream close file

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