

## Bookstore Inventory

This is a program to be used in a bookstore by a bookstore clerk to manage the inventory of books in their store.

This program allows the user to:

- Add new books to a new or existing database
- Update book information
- Delete books from the database
- Search the database to find a specific book

## Contents

- 1- Description
- 2- How to Use: Menu
- 3- Add a New Book
- 4- Update a Book
- 5- Delete a Book
- 6- Search for a Book

## How to use: Menu

Run the program to be presented with the menu options, Select your choice.

Menu:

```
Choose from the menu
a = Add a new book
u = Update a books details
d = Delete a book
s = Search for a book
e = exit
:
```

On your keyboard select:

'A' to add a new book

'U' to Update a book

'D' to Delete a book

'S' to Search for a book on the database

'E' to Exit the Menu and program

## How to: Add a new Book

Press 'A' on the Menu to add a new Book

```
Enter the id of this book: 234
Enter the Book's Title: Sam's Book
Enter the Book's Author: Sam
Enter the Quantity of this book: 67
New book ("Sam's Book",) successfully added
```

Enter the ID for the book, this must be:

- An Integer
- A Unique ID

Enter the Book's Title.

Enter the Author of the Books name.

Enter the Quantity of the Book, this must be:

- An Integer

You will receive a message to confirm that the book has been added to the database.

## How to: Update a Book's Details

Press 'U' on the Menu to add a update a Book's details

```
Enter the ID for the book you would like to update: 234
Enter the information type you would like to change:
  Title
  Author
  QTY
  QTY
Enter the new qty for the book: 45
(234, "Sam's Book", 'Sam', 45) successfully updated
```

Enter the ID for the book, this must be:

- An Integer

Choose which type of information you would like to update:

- Title
- Author
- QTY

Enter the new details

You will receive a message to confirm that the book has been Updated.

## How to: Delete a Book

Press 'D' on the Menu to add a update a Book's details

```
Enter the ID for the book you would like to update: 234
Book successfully deleted
```

Enter the ID for the book, this must be:

- An Integer

You will receive a message to confirm that the book has been Deleted from the Database.

## How to: Search for a Book

Press 'S' on the Menu to add a update a Book's details

```
How would you like to search for the book by:
  ID
  Title
  Author
  QTY
  ID
Enter the ID for the book you would search for: 3001
('A Tale of Two Cities', 'Charles Dickens', 30)
```

Choose how you would like to search for the book:

- ID
- Title
- Author
- Qty

Enter the Details for the chosen Search type

The Books Details will then be Displayed.