**Book record system**

Required Features

1. Should display list of books
2. Should Let the user Delete book
3. Should Let the user add new book
4. Should let the user edit book
5. Should let the user search for a certain book and specifically display detail of one book
6. Should display summary about books in the store.
   1. Count of all Books.
   2. Count of books in each book category.

Required Functions

* + - * displayBooks() : displays list of registered books.
      * displayBook() : Displays detail of a single registered book.
      * displaySummary() : Displays summary that describes the content of the book store.
      * search() : Searches for a book.
      * addBook() : prompts the user to add a new book and calls writeSingleBook() to register a new book.
      * removeBook(): prompts the user to add remove book, searches the book and calls removeSingleBook() to remove a book.
      * editBook(): lets the user edit a book.
      * menu() : lets user choose.
      * sort() : sorts entries.
      * countBooks() : counts books
      * writeSingleBook() : adds a single book the file
      * removeSingleBook() : removes a single book from file
      * readFile() : Reads the whole content of the file.
      * findSingleBook() : searches for a single book.

Dawit : removeSingleBook

ብሩክታዊት፡ writeSingleBook

ህይወት፡ displayBook, displayBooks, displaySummary

ቢኒያም፡ menu

አብረሀም፡ findSingleBook , readFile

Author Name:

Book Name:

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author Name** | **Book Name** | **ISBN** | **ShelfNo** | **row** | **PublishedDate** | **Edition** | **Quantity** | **BookCategory** |
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**Book struct definition**

Struct book ()

**Book Categories**

* + - * Science
      * Maths
      * Programming
      * English
      * History

**Prototypes**

• void displayBooks(book [])

• void displayBook(book)

• void displaySummary(books[],(measurements))

• book search(int , char[])

• void addBook()

• void removeBook()

• void editBook()

• int menu()

• void sort(book[])

• int countBooks(book[], char[])

• void writeSingleBook(book)

• void removeSingleBook(int)

• void readFile(book)

• book findSingleBook(string)

Tonight’s Topics

1. Approve Program Structure
2. Define Book: Define book structure.