FCIS Library

Sample Run

A menu shall be appeared to user as the following

1. **List all books in library**
2. **List available books to borrow**
3. **Borrow a Book**
4. **Search For a Book**
5. **Add New Books**
6. **Delete a Book**
7. **Exit**

What do you want to do? 1

[Id] 111

[Title] Introduction to Computers

[Publisher]

Name: Liberty House

Address: 35st Nasr City, Cairo

[Author(s)]

Name: Amgad Ali

Nationality: Egyptian

Name: Mohamed Gamal

Nationality: Egyptian

[Published At] 3/7/2014

[Status] Available

[Id] 222

[Title] Algorithms

[Publisher]

Name: Rozal Youssef

Address: Heliopolis , Cairo

[Author(s)]

Name: Aser Hemdan

Nationality: Egyptian

Name: Amgad Adel

Nationality: Egyptian

[Published At] 3/7/2012

[Status] Not Available

What do you want to do? 2

[Id] 111

[Title] Introduction to Computers

[Publisher]

Name: Liberty House

Address: 35st Nasr City, Cairo

[Author(s)]

Name: Amgad Ali

Nationality: Egyptian

Name: Mohamed Gamal

Address: Egyptian

[Published At] 3/7/2014

[Status] Available

What do you want to do? 3

What book do you want to borrow? 111

Sorry this book is unavailable

What do you want to do? 3

What book do you want to borrow? 222

Ok!

What do you want to do? 4

What is the title for the book you want to search for it? Introduction to Computer Graphics

Ops! No books found!

What do you want to do? 4

What is the title for the book you want to search for it? Introduction to Computers

[Id] 111

[Title] Introduction to Computers

[Publisher]

Name: Liberty House

Address: 35st Nasr City, Cairo

[Author(s)]

Name: Amgad Ali

Nationality: Egyptian

Name: Mohamed Gamal

Address: Egyptian

[Published At] 3/7/2014

[Status] Available

What do you want to do? 5

How many books you want to add? 2

[Id]: 444

[Title]: Operational Research

[Publisher Info]

[Name]: Misr publish house

[Address]: 55 Abbad El Aqad st, Cairo

How Many Authors for the Book? 2

Name: Mohamed Ali

Nationality:

Name: Samer Hassan

Nationality:

[Id]: 555

[Title]: Object Oriented Programming

[Publisher Info]

[Name]:

[Address]:

How Many Authors for the Book? 0

Books have been saved successfully!

What do you want to do? 6

What enter book Id you want to delete? 777

Ops! No Book with id = 777 to delete

What do you want to do? 6

What enter book Id you want to delete? 555

Book deleted successfully!

What do you want to do? 7

Ok! See You ☺

Detailed Information

Status Available or Not Available will be based on the available copies of the book, if there is no available copies the status will be Not Available otherwise the status will be Available.

Sample text file will be like the attached

Publisher and author info are optional, so the user would skip them, thus you shall store it as empty string.

Borrow a book will reduce the available copies of the book and store the new record in the file

Using Structures, Pointers, Arrays and of course functions are all required