1-) Create a C++ project first.

2-) Create a header file (.h) named **Book**. Book has;
- integer **id**              **(private)**
- string **name**          **(private)**
- string **author**        **(private)**
- integer **pageNum**      **(private)**
- integer or bool **status**  **(private)**

Also you will have the functions;
- constructor
- **printBookInfo** function to show account info
- **You can write set and get methods if you need.**
- Default values of variables must be ;

Id=0 , name="noName", author="noAuthor", pageNum=0, status=true

3-) After you have the header file, you will create a C++ file (.cpp) named **Book** and implement the methods.

4-) Create a C++ file(.cpp) named **Library.** Create a Book array inside of the Library then write the functions below;
- **AddBook**
- **DisplayBook**
- **BorrowBook**
- **ReturnBook**

```
--------------------------
1 - ADD a Book
2 - BORROW a Book
3 - RETURN a Book
4 - DISPLAY Books
5 - EXIT
--------------------------
1
--------------------
 ADD BOOK TO LIBRARY
--------------------
Enter the name of Book: Book1
Enter the author of Book: Author1
Enter the Page Number of Book: 123
--------------------------
1 - ADD a Book
2 - BORROW a Book
3 - RETURN a Book
4 - DISPLAY Books
5 - EXIT
--------------------------
1
--------------------
 ADD BOOK TO LIBRARY
--------------------
Enter the name of Book: Book2
Enter the author of Book: Author2
Enter the Page Number of Book: -50
Invalid Page Number
--------------------------
```

```
-----------------------------
 DISPLAY BOOKS IN THE LIBRARY
-----------------------------
ID: 1
Name: Book1
Page Num: 123
Author: Author1
Status: Available
-----------------------------

ID: 2
Name: Book2
Page Num: 0
Author: Author2
Status: Available
-----------------------------
```

```
-------------
 BORROW BOOK
-------------
Enter the Name of the Book that you want to borrow: Book3
No such book is found!!!
------------------------------
 1 - ADD a Book
 2 - BORROW a Book
 3 - RETURN a Book
 4 - DISPLAY Books
 5 - EXIT
------------------------------
2
-------------
 BORROW BOOK
-------------
Enter the Name of the Book that you want to borrow: Book2
Book Borrowed Succesfully
ID: 2
Name: Book2
Page Num: 0
Author: Author2
Status: Borrowed
```

```
-------------
 RETURN BOOK
-------------
Enter the Name of the Book that you want to return: Book1
Book is already AVAILABLE
------------------------------
 1 - ADD a Book
 2 - BORROW a Book
 3 - RETURN a Book
 4 - DISPLAY Books
 5 - EXIT
------------------------------
3
-------------
 RETURN BOOK
-------------
Enter the Name of the Book that you want to return: Book2
Book Returned Succesfully
ID: 2
Name: Book2
Page Num: 0
Author: Author2
Status: Available
```

**Bonus: DeleteBook** function can be bonus.

If you have not much time, ignore the menu and just make functions to run.