

# Library management system

I have created 5 functions each one of them do a specific job

## 1. add-a book:

First the function will check if the book count is 100

If this happens it will give the user a message that the library is full if not it will allow the user to enter the id, title and author name then it will check if the book is available using **is borrowed** array.

## 2. display books:

This function will check if we have book in the library if not will give a message otherwise it will display all the books using a for loop.

## 3. borrow book:

This function will check if the book is borrowed or not calling the array **isborrowed**. first, I will ask the user to enter an id of the book he/she wants to borrow will search about the book using for loop if it is borrowed will give a message on the other hand will make it borrowed by changing the value of the isborrowed array to true.

## 4. return book:

This function will check if the book is borrowed or not calling the array **isborrowed**. first, I will ask the user to enter an id of the book he/she wants to return will search about the book using for loop if it is borrowed will give a message on the other hand will make it available by changing the value of the isborrowed array to false.

## 5. menu:

In this function I have used switch case to enter the option he/she wants to do then based on the choice that the user entered will call the needed function.

**6. main:** I just make a call for the menu function.