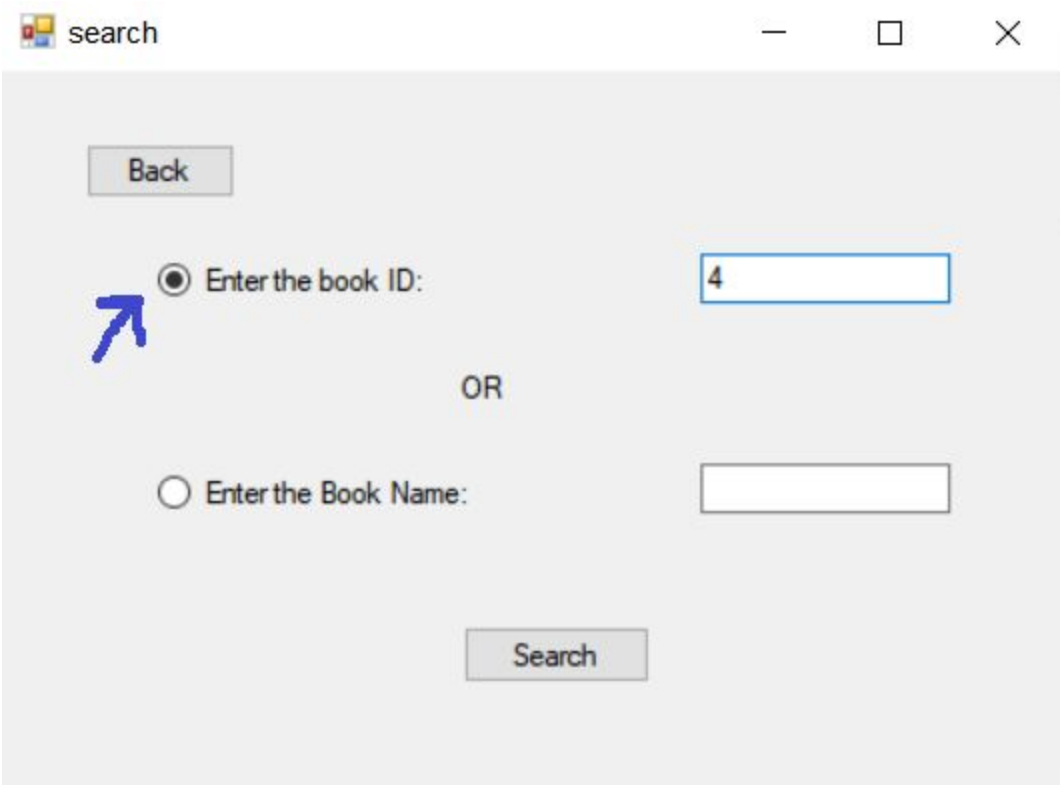# LIBRARY MANAGEMENT SYSTEM

TO RUN THE PROGRAM FOLLOWING STEPS SHOULD BE FOLLOWED::

1. After extracting the zip file there will be three folders (code and header files (LMS), Library Management and Main program) and first you must save the folder named "Library Management" to your respective C drive(C:\). This contains all the data required during the execution of the application(data of books, data of issued books, and the password required to log-in as librarian).
2. Then open the "main program" folder which contains a program file named "library_mang.exe" by opening it you can access the gui based LIBRARY MANAGEMENT SYSTEM console.

- ***Password to login through librarian user:: "pass"***

- ***Date format:: "dd/mm/yy"***

- ***You have to check the box while performing some functionalities where you have options like below example::***

TO RUN THE CODE DIRECTLY::

1. First install the Visual Studio 2019 community version (Link: https://visualstudio.microsoft.com/downloads/)
2. After downloading you have to extract the zip file named "Project" and you will get a folder named "Projects".
3. Open the Visual Studio 2019 and click on Open a project or solution menu. It will redirect you to open the solution file. And then redirect yourself to the extracted folder and open the "library_mang.sln" file. It will open all the necessary header files, and the code.
4. Change the Solution Configuration to Release and click Ctrl + F5 to run the code without debugging. It will execute all the code and will open the application.
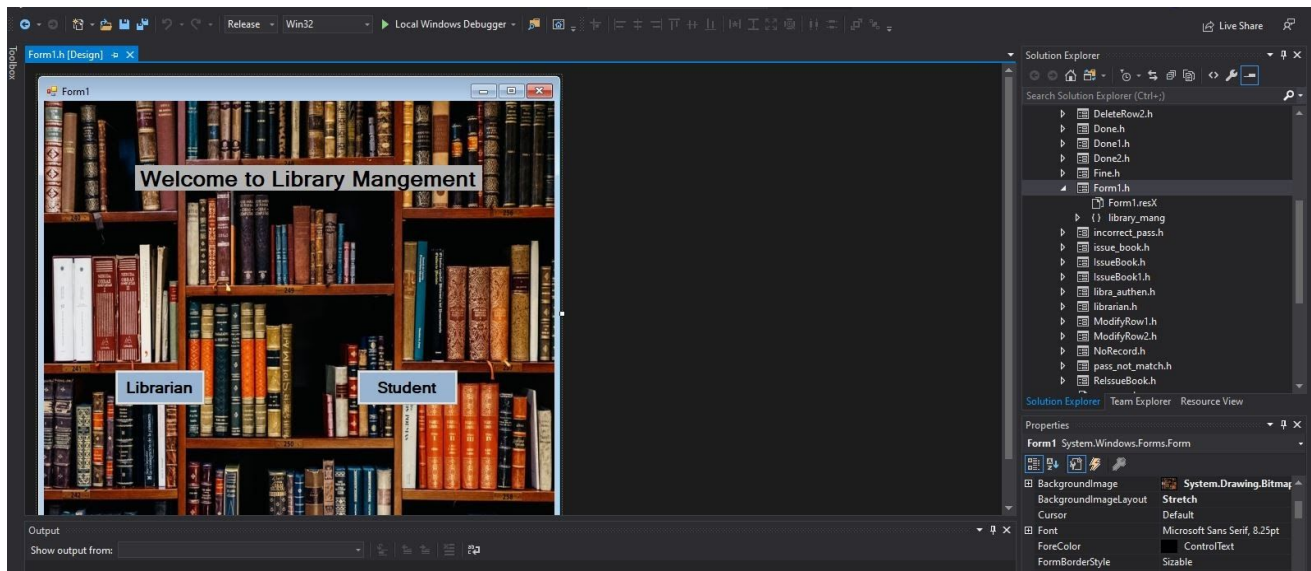
5. In the solution explorer tab, you can see all the header files with code.

TO VIEW THE CODE ONLY::

1. If you wish to view the code of the program open folder "code and header files (LMS)".
2. Then go to a folder named "library_mang" where you can find all the code and header files related to the screens/windows of gui.
3. When you open the gui application, you can see the name of the code/header file belonging to that screen/window at the upper-left corner of the screen. Example:
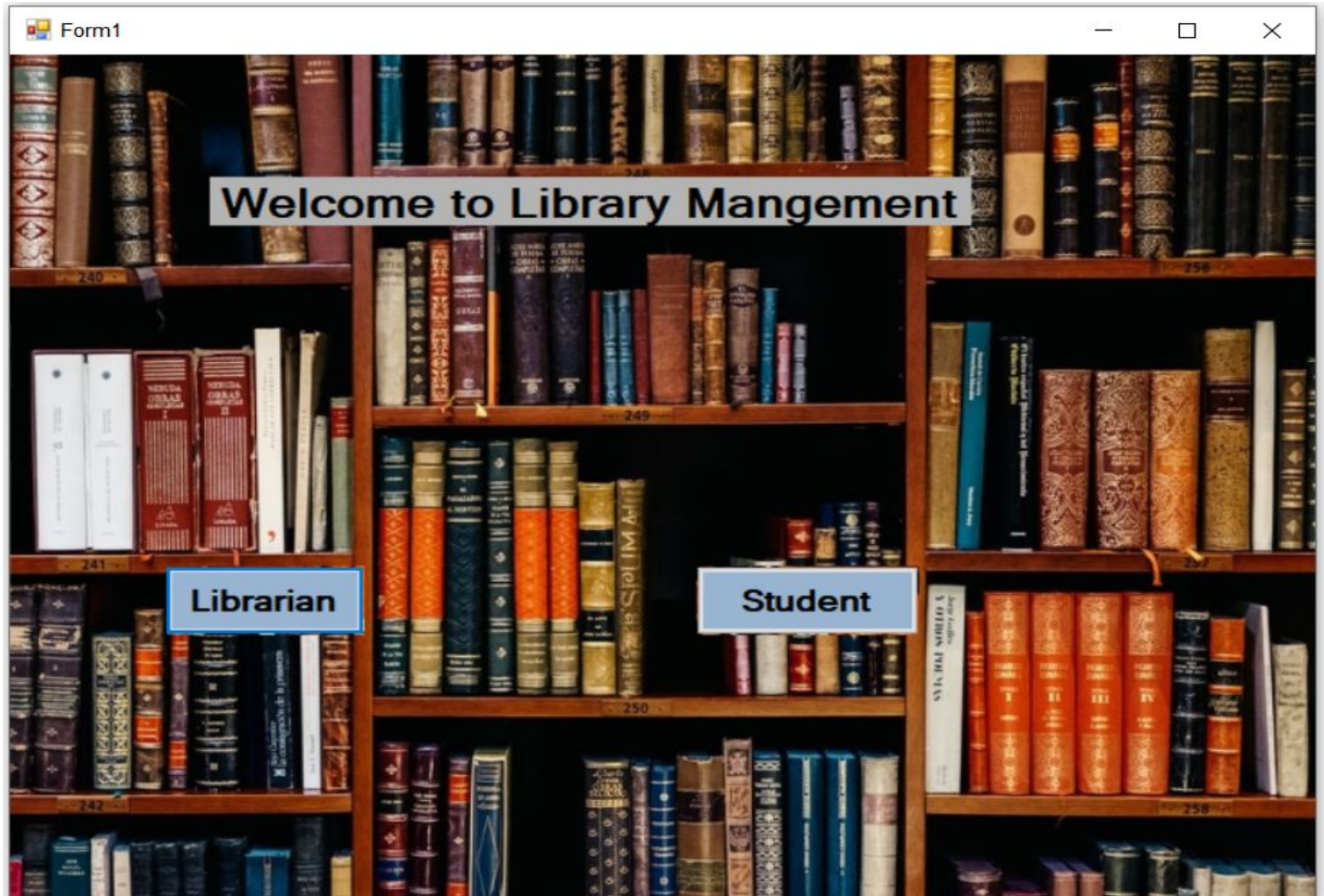
Here you can see that at the upper-left corner there is a name **"Form1"** which is the name of this screen's header and code file which you can find in the *code and header* file folder.

TO DELETE ALL THE FILES::

If you want to delete all the files make sure you remove this app's background process. To do so:

1. Open task manager by pressing ctrl+shift+esc.
2. After then scroll down to background processes and find library_mang, then select this file and click end task.
3. Now you can safely remove all the files related to it otherwise it can show you the message that the program files are still open.

FINE WILL BE APPLIED AFTER 15 DAYS OF ISSUANCE DATE.