

Write a program in C++/ Java only for Library Management.

(*) Use a text file to store the following information about the books available in the library.

(Title of the book) (Author name) (Publication) (Edition)

Read from the file and store them as array of objects. Provide user the functionality to search for some books based on Book title, author name, publication or any combination of these.

(**) Add the Library Incharge Login functionality to above program which enables him to add or remove any book from the library. The changes must be reflected in the Library record and all student accounts as well.

(***) Add the Student Login functionality to above program to keep a record of the books issued to each student along with the date of issue.

(****) Add the functionality to above program to calculate total fine imposed in case any user fails to deposit the issued book within a period of 1 week.