

# **Library Book Management System**

- A simple system to manage books by adding, searching, displaying, and deleting records.

# Purpose and Objective

- - Efficiently store and manage book details.
  - - Allow users to add, search, view, and delete books.
  - - Understand file handling and data structures.
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- -it allows easy handling of book information such as adding, viewing, searching, and updating records.

# How to Compile and Run

- Open terminal or command prompt.
- Go to the folder where your C file is saved.
- Compile the program using: `gcc library.c -o library`
- Run the program
- Linux: `./library`
- Use the menu to perform library operations.

# Sample Output

- 1. Add Book
  - 2. Search Book
  - 3. Display All Books
  - 4. Exit
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- Enter your choice: 4
  - Exiting program. Thank you!

# Notes & Assumptions

- - Data stored in text/binary files.
- - User must enter valid input.
- - No database used.
- - For academic purposes only.

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