Develop a C/C++ program to simulate the working of the Library management system that has a connection with the MySQL database to store the data.

The application should have provisions to create tables for books, lenders, and transactions (lending or return books). Assume at least 5 attributes for each table with different data types.

There should be provisions for the following

To add a new book, add a new member to the library, and add a new transaction. You should also be able to delete/update books, members and transactions. (CRUD Operations)

To list books, lenders, and transactions that are currently available (Query Operations)

The SQL statements should be embedded within the program logic. The data insertion and querying should happen in the runtime of C/C++ CLI. You should be able to manipulate/operate a MySQL database through C/C++ program. No direct querying from the SQL terminal.

No laptops allowed. I recommend to keep the internet usage minimal, and properly learn the process / mechanism for how to manipulate the MySQL database through C/C++. (Hard Deadline, No relaxation whatsoever).

Submit two files. The C/C++ program file. A PDF report consisting of screenshots of all operations, properly annotated.