AIM:- To perform Library Database.

**Book (bid, title, pub\_year, pub\_name)**

**Author (bid, auth\_name)**

**Publisher (pub\_name, address,ph\_no)**

**Book Copies (bid, branchid, no\_of\_copies)**

**Book\_lending (bid, branchid, card\_no, date\_out, due\_date)**

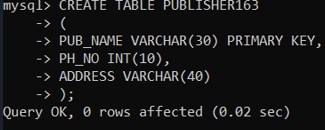
**Lib\_branch (branchid, branch\_name, address)**

**Card (card\_no)**

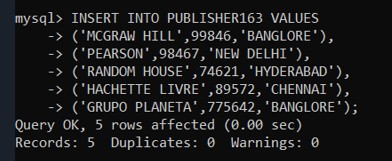
DATABASE CREATION



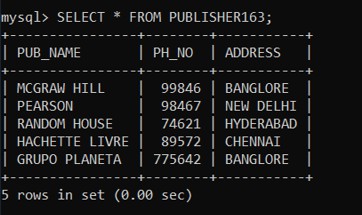
PUBLISHER TABLE CREATION



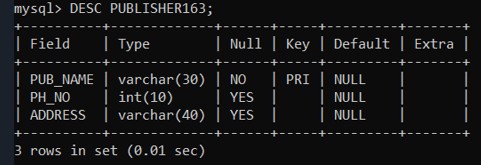
VALUES INSERTION IN PUBLISHER TABLE



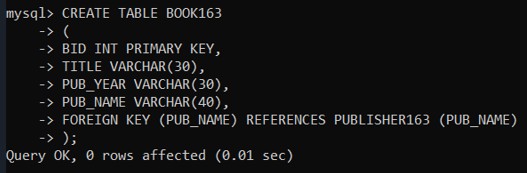
PUBLISHER TABLE DISPLAY



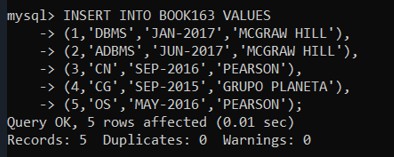
DESCRIPTION OF PUBLISHER TABLE



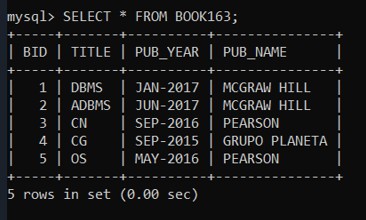
**BOOK TABLE CREATION:**



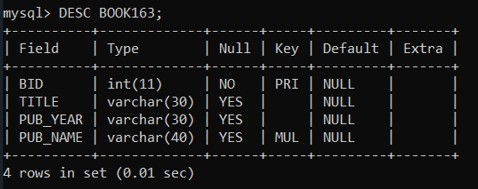
VALUES INSERTION IN BOOK TABLE



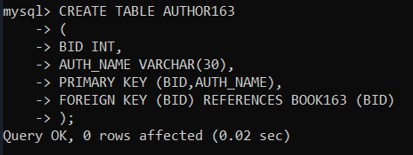
DISPLAY BOOK TABLE



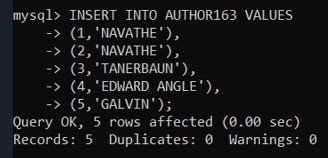
BOOK TABLE DESCRIPTION



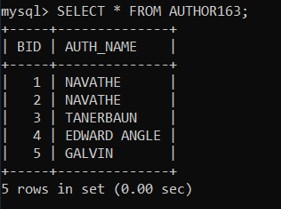
AUTHOR TABLE CREATION



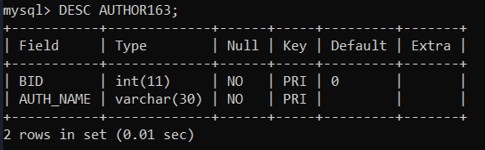
VALUES INSERTION IN AUTHOR TABLE



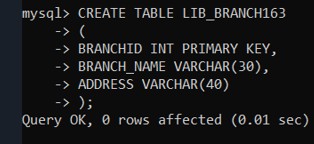
DISPLAY AUTHOR TABLE



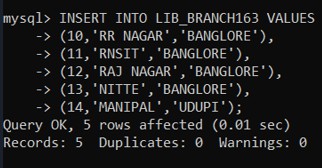
**AUTHOR TABLE DESCRIPTION**



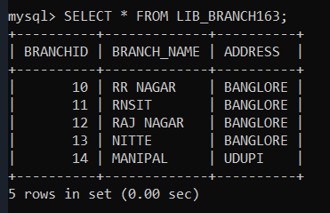
LIBRARY BRANCH TABLE CREATION:



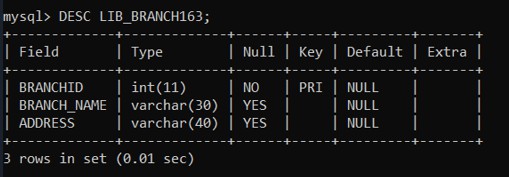
VALUES INSERTION IN LIB\_BRANCH TABLE



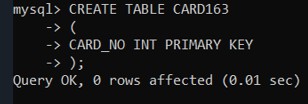
DISPLAY LIBRARY BRANCH TABLE



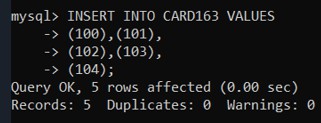
**LIBRARY BRANCH TABLE DESCRIPTION**



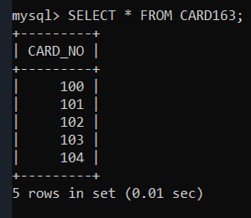
CARD TABLE CREATION:



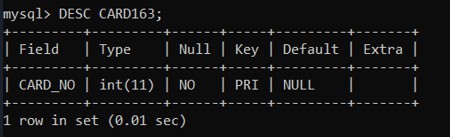
VALUES INSERTION IN CARD TABLE:



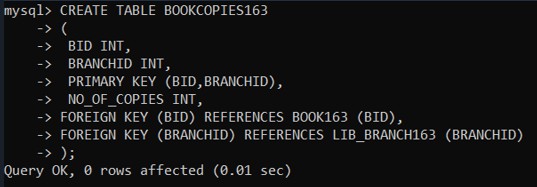
DISPLAY CARD TABLE



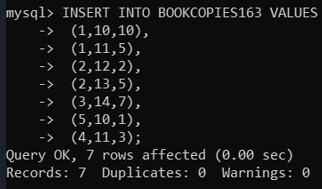
**DESCRIE CARD TABLE**



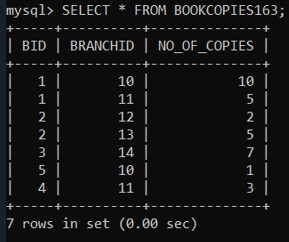
BOOK COPIES TABLE CREATION:



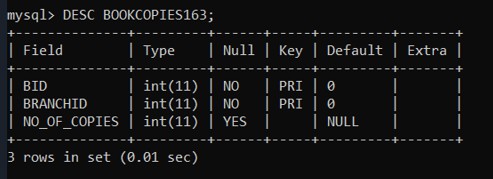
VALUES INSERTION IN BOOK COPIES TABLE



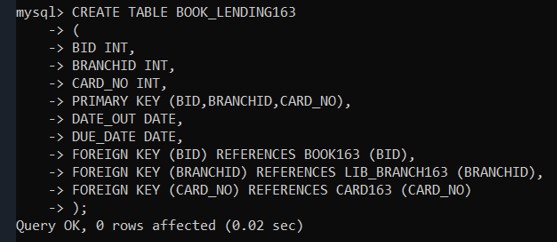
DISPLAY BOOK COPIES TABLE



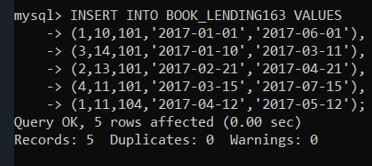
**DESCRIBE BOOK COPIES TABLE**



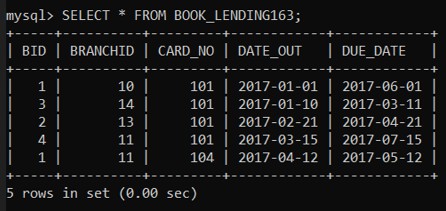
BOOK LENDING TABLE CREATION:



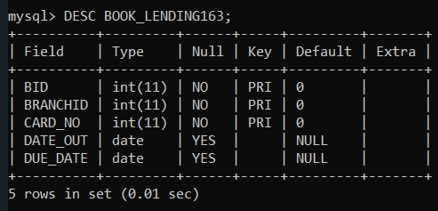
VALUES INSERTION IN BOOK LENDING TABLE



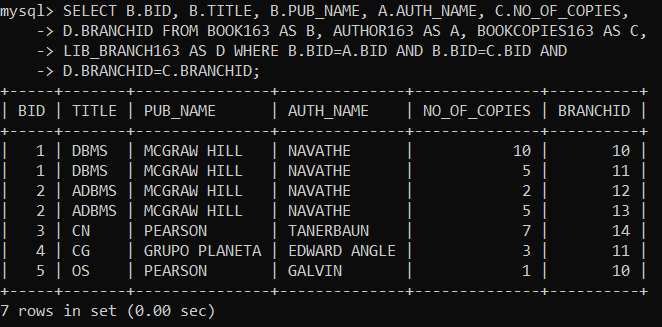
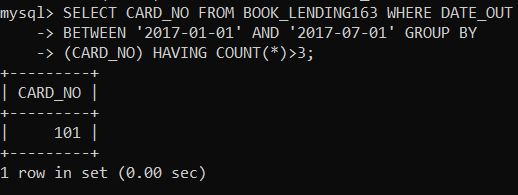
DISPLAY BOOK LENDING TABLE

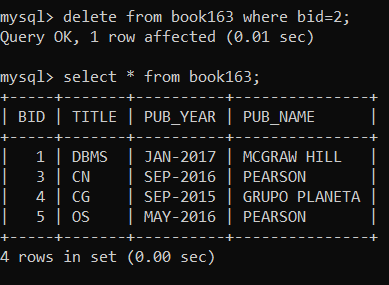


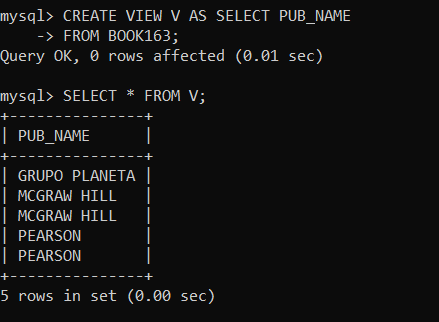
DESCRIBE BOOK LENDING TABLE

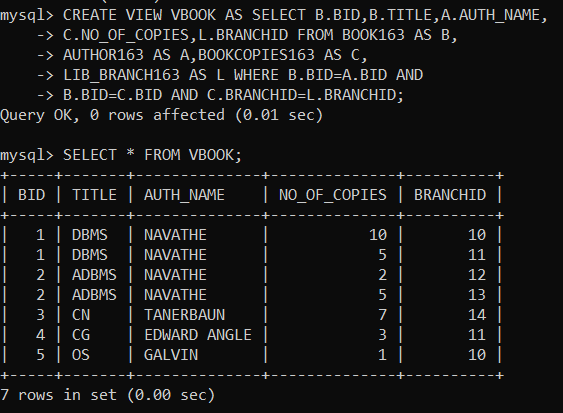


**AIM:-To perform all the Queries of the library database.**

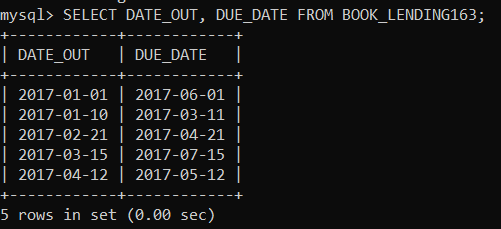
1. **Retrieve details of all books in the library - id,title,name of publisher, author, number of copies in each branch, etc.**
2. **Get the partition of borrowers who have borrowed more than 3 books, but from Jan 2017 to Jun 2017.**
3. **Delete a book in the BOOK table. Update the contents of other tables to reflect this data manipulation operation.**



1. **Partition the BOOK table based on year of publication. Demonstrate its working with a simple query.**
2. **Create a view of all books and its number of copies that are currently available in the Library.**



1. **Find the date out and due date of the book lending.**



1. **Find the unique names of the Author.**

