SUBMISSION FOR SQL TASK 3

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Class: 1K4

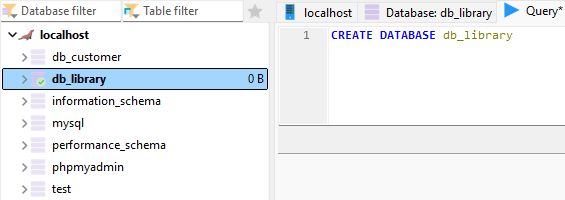
Topic: SQL TASK 3 (10% CARRYMARK)

Date : 16 December 2024

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SQL Command for making database:  
CREATE DATABASE db\_library

Screenshot of results:





SQL Command for making table:

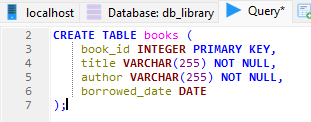
CREATE TABLE books (

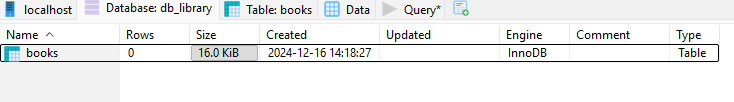
book\_id INTEGER PRIMARY KEY,

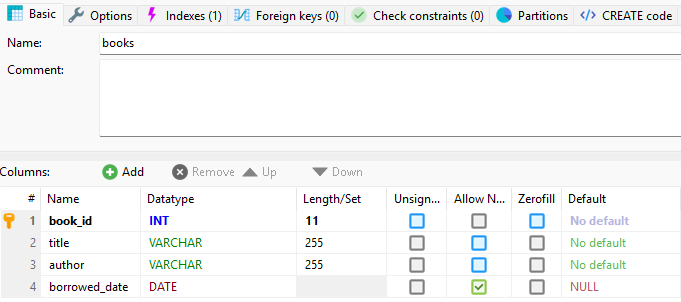
title VARCHAR(255) NOT NULL,

author VARCHAR(255) NOT NULL,

borrowed\_date DATE

);  
  
Screenshot of results:  






SQL Command for inserting books (I redid the commands because it kept saying error):

USE db\_library;

DROP TABLE IF EXISTS books;

CREATE TABLE books (

book\_id INTEGER PRIMARY KEY AUTO\_INCREMENT,

title VARCHAR(255) NOT NULL,

author VARCHAR(255) NOT NULL,

borrowed\_date DATE

);

INSERT INTO books (title, author, borrowed\_date) VALUES

('To Kill a Mockingbird', 'Harper Lee', '2024-02-15'),

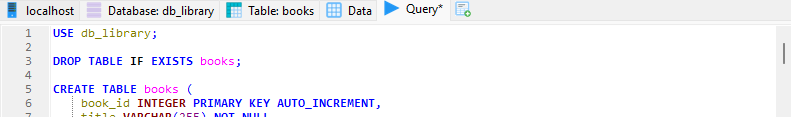
('1984', 'George Orwell', '2024-01-22'),

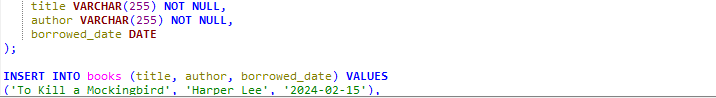
('Pride and Prejudice', 'Jane Austen', '2024-03-10'),

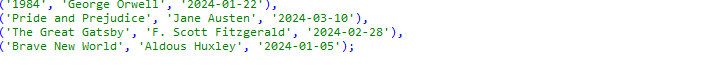
('The Great Gatsby', 'F. Scott Fitzgerald', '2024-02-28'),

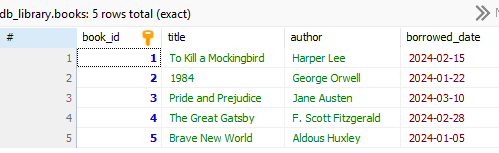
('Brave New World', 'Aldous Huxley', '2024-01-05');

Screenshot of results:









SQL Command for Basic Queries (selecting books):

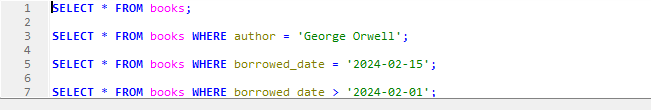
SELECT \* FROM books;

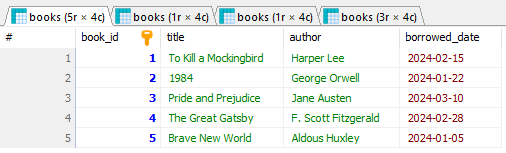
SELECT \* FROM books WHERE author = 'George Orwell';

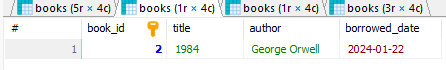
SELECT \* FROM books WHERE borrowed\_date = '2024-02-15';

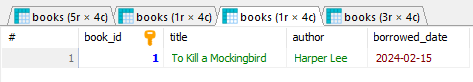
SELECT \* FROM books WHERE borrowed\_date > '2024-02-01';

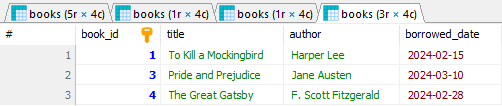
Screenshot of results:











SQL Command for Data Manipulation:

UPDATE books

SET borrowed\_date = '2024-04-01'

WHERE book\_id = 1;

DELETE FROM books

WHERE book\_id = 2;

INSERT INTO books (title, author, borrowed\_date)

VALUES ('1984', 'George Orwell', '2024-04-15');

Screenshot of results:



