

Assignment 4

Write SQL statements to CREATE a new database and tables that reflect the library schema you designed earlier. Use ALTER statements to modify the table structures and DROP statements to remove a redundant table.

```
create database LiabrarySystemnew;
show databases;
use LiabrarySystemnew;
create table Liabrary2(
book_id int primary key,
book_title varchar(80),
book_authour varchar(80) not null,
book_no int UNIQUE,
book_price double check(book_price !=0)) ;
describe Liabrary2;
INSERT INTO Liabrary2
VALUES
(1, 'To Kill a Mockingbird', 'Harper Lee', 12, 25.99),
(2, '1984', 'George Orwell', 54, 19.99),
(3, 'Pride and Prejudice', 'Jane Austen', 13, 12.99),
(4, 'The Great Gatsby', 'F. Scott Fitzgerald', 98, 15.50);
select *from Liabrary2 ;
drop table Liabrary2;
alter table Liabrary2 add column email varchar(90);
alter table Liabrary2 drop column email;
alter table Liabrary2 rename column book_no to book_number;
```