

## Assignment 2

Design a database schema for a library system, including tables, fields, and constraints like NOT NULL, UNIQUE, and CHECK. Include primary and foreign keys to establish

**ANS:**

relationships between tables.

```
create database LiabrarySystem;
```

```
show databases;
```

```
use LiabrarySystem;
```

```
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);
```