

Problem Statement 2: Shopping Cart for a Bookstore–Database schema design.

1.Books (Book_ Id (PK), Book_ Name, Author, Price)

```
MySQL 8.0 Command Line Client
mysql> create table Books(Book_Id int primary key, Book_Name varchar(20), Author varchar(20), Price float);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'Name varchar(20), Author va
line 1
mysql> create table Books(Book_Id int primary key, Book_Name varchar(20), Author varchar(20), Price float);
Query OK, 0 rows affected (0.11 sec)

mysql> desc Books;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'desc Books' at line 1
mysql> desc Books;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Book_Id | int | NO | PRI | NULL |  |
| Book_Name | varchar(20) | YES |  | NULL |  |
| Author | varchar(20) | YES |  | NULL |  |
| Price | float | YES |  | NULL |  |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.02 sec)

mysql> _
```

2.Order_Details (Order_Id, Book _Id, Cust_ Name, Phone_ No, Address, Order _Date, Quantity)

```
4 rows in set (0.02 sec)

mysql> create table Order_Details(Order_Id int, Book_Id int, Cust_Name varchar(20), Phone_No int, Address varchar(20), Order_Date date, Quantity int);
Query OK, 0 rows affected (0.07 sec)

mysql> desc Order_Details;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Order_Id | int | YES |  | NULL |  |
| Book_Id | int | YES |  | NULL |  |
| Cust_Name | varchar(20) | YES |  | NULL |  |
| Phone_No | int | YES |  | NULL |  |
| Address | varchar(20) | YES |  | NULL |  |
| Order_Date | date | YES |  | NULL |  |
| Quantity | int | YES |  | NULL |  |
+-----+-----+-----+-----+-----+-----+
7 rows in set (0.02 sec)

mysql>
```

3.Users (first_name, address, email, user_name, password, registration_date)

```
MySQL 8.0 Command Line Client
mysql> create table Books(Book_Id int primary key, Book_Name varchar(20), Author varchar(20), Price float);
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'Name varchar(20), Author va
line 1
mysql> create table Books(Book_Id int primary key, Book_Name varchar(20), Author varchar(20), Price float);
Query OK, 0 rows affected (0.11 sec)

mysql> desc Books;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near 'desc Books' at line 1
mysql> desc Books;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| Book_Id | int | NO | PRI | NULL |  |
| Book_Name | varchar(20) | YES |  | NULL |  |
| Author | varchar(20) | YES |  | NULL |  |
| Price | float | YES |  | NULL |  |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.02 sec)

mysql> _
```