Problem Statement 2:

Shopping Cart for a Bookstore – Database schema design

Enter password: \*\*\*\*

Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 10

Server version: 8.0.28 MySQL Community Server - GPL

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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql> create database bookstore;

Query OK, 1 row affected (0.01 sec)

mysql> use bookstore;

Database changed

mysql> show tables;

Empty set (0.00 sec)

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| authentication |

| bookstore |

| ecommerce |

| flyaway |

| information\_schema |

| mentoring |

| mysql |

| mywork |

| performance\_schema |

| productdb |

| sakila |

| simplilearn |

| sys |

| world |

+--------------------+

14 rows in set (0.00 sec)

mysql> create table Books(BookID int(20) primary key not null auto\_increment,BookName varchar(50),Author varchar(50),Price int(20));

Query OK, 0 rows affected, 2 warnings (0.03 sec)

mysql> create table Users(FirstName varchar(50),Address varchar(50),Email varchar(50),Username varchar(50),Password varchar(50),RegistrationDate DATE);

Query OK, 0 rows affected (0.04 sec)

mysql> create table OrderDetails(OrderID int(20),CustomerName varchar(50),PhoneNo int(20),Address varchar(50),OrderDate DATE,Quantity int(20));

Query OK, 0 rows affected, 3 warnings (0.03 sec)

mysql> desc Users;

+------------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+------------------+-------------+------+-----+---------+-------+

| FirstName | varchar(50) | YES | | NULL | |

| Address | varchar(50) | YES | | NULL | |

| Email | varchar(50) | YES | | NULL | |

| Username | varchar(50) | YES | | NULL | |

| Password | varchar(50) | YES | | NULL | |

| RegistrationDate | date | YES | | NULL | |

+------------------+-------------+------+-----+---------+-------+

6 rows in set (0.01 sec)

mysql> desc Books;

+----------+-------------+------+-----+---------+----------------+

| Field | Type | Null | Key | Default | Extra |

+----------+-------------+------+-----+---------+----------------+

| BookID | int | NO | PRI | NULL | auto\_increment |

| BookName | varchar(50) | YES | | NULL | |

| Author | varchar(50) | YES | | NULL | |

| Price | int | YES | | NULL | |

+----------+-------------+------+-----+---------+----------------+

4 rows in set (0.00 sec)

mysql> desc OrderDetails;

+--------------+-------------+------+-----+---------+-------+

| Field | Type | Null | Key | Default | Extra |

+--------------+-------------+------+-----+---------+-------+

| OrderID | int | YES | | NULL | |

| CustomerName | varchar(50) | YES | | NULL | |

| PhoneNo | int | YES | | NULL | |

| Address | varchar(50) | YES | | NULL | |

| OrderDate | date | YES | | NULL | |

| Quantity | int | YES | | NULL | |

+--------------+-------------+------+-----+---------+-------+

6 rows in set (0.01 sec)