DENMARK BENSING BSCS 2A

ADD COLUMN IN TABLE


```
XAMPP for Windows - mysql  -u root

MariaDB [bookstoredeb_db]> alter table books
    -> add column isbn varchar(40) after publisher;
Query OK, 0 rows affected (0.023 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [bookstoredeb_db]> desc books;
+-----------+------------------+------+-----+---------+----------------+
| Field     | Type             | Null | Key | Default | Extra          |
+-----------+------------------+------+-----+---------+----------------+
| id        | int(10) unsigned | NO   | PRI | NULL    | auto_increment |
| title     | varchar(255)     | NO   |     | NULL    |                |
| author    | varchar(255)     | NO   |     | NULL    |                |
| price     | decimal(10,2)    | NO   |     | NULL    |                |
| publisher | varchar(200)     | YES  |     | NULL    |                |
| isbn      | varchar(40)      | YES  |     | NULL    |                |
+-----------+------------------+------+-----+---------+----------------+
6 rows in set (0.014 sec)

MariaDB [bookstoredeb_db]> alter table books
    -> add column publisher_year year  year
    -> after publisher,
    -> add column language varchar(50) after price;
Query OK, 0 rows affected (0.026 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [bookstoredeb_db]> desc books;
+----------------+------------------+------+-----+---------+----------------+
| Field          | Type             | Null | Key | Default | Extra          |
+----------------+------------------+------+-----+---------+----------------+
| id             | int(10) unsigned | NO   | PRI | NULL    | auto_increment |
| title          | varchar(255)     | NO   |     | NULL    |                |
| author         | varchar(255)     | NO   |     | NULL    |                |
| price          | decimal(10,2)    | NO   |     | NULL    |                |
| language       | varchar(50)      | YES  |     | NULL    |                |
| publisher      | varchar(200)     | YES  |     | NULL    |                |
| publisher_year | year(4)          | YES  |     | NULL    |                |
| isbn           | varchar(40)      | YES  |     | NULL    |                |
+----------------+------------------+------+-----+---------+----------------+
8 rows in set (0.014 sec)
```

32°C Mostly sunny   3:16 PM 9/30/2023

MODIFY COLUMN IN TABLE


```
XAMPP for Windows - mysql  -u root
Query OK, 0 rows affected (0.014 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [bookstoredeb_db]> desc books;
+----------------+------------------+------+-----+---------+----------------+
| Field          | Type             | Null | Key | Default | Extra          |
+----------------+------------------+------+-----+---------+----------------+
| id             | int(10) unsigned | NO   | PRI | NULL    | auto_increment |
| title          | varchar(30)      | NO   |     | NULL    |                |
| author         | varchar(50)      | YES  |     | NULL    |                |
| publisher_year | varchar(45)      | YES  |     | NULL    |                |
| price          | decimal(10,2)    | NO   |     | NULL    |                |
| language       | varchar(50)      | YES  |     | NULL    |                |
| publisher      | varchar(200)     | YES  |     | NULL    |                |
| isbn           | varchar(40)      | YES  |     | NULL    |                |
+----------------+------------------+------+-----+---------+----------------+
8 rows in set (0.014 sec)

MariaDB [bookstoredeb_db]> alter table books
    -> modify author varchar(45) not null;
Query OK, 0 rows affected (0.030 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [bookstoredeb_db]> desc books;
+----------------+------------------+------+-----+---------+----------------+
| Field          | Type             | Null | Key | Default | Extra          |
+----------------+------------------+------+-----+---------+----------------+
| id             | int(10) unsigned | NO   | PRI | NULL    | auto_increment |
| title          | varchar(30)      | NO   |     | NULL    |                |
| author         | varchar(45)      | NO   |     | NULL    |                |
| publisher_year | varchar(45)      | YES  |     | NULL    |                |
| price          | decimal(10,2)    | NO   |     | NULL    |                |
| language       | varchar(50)      | YES  |     | NULL    |                |
| publisher      | varchar(200)     | YES  |     | NULL    |                |
| isbn           | varchar(40)      | YES  |     | NULL    |                |
+----------------+------------------+------+-----+---------+----------------+
8 rows in set (0.015 sec)

MariaDB [bookstoredeb_db]> alter table books;
Query OK, 0 rows affected (0.000 sec)
```

Hot weather   3:15 PM 9/30/2023

DROP PUBYEAR

RENAME TABLE

```
8 rows in set (0.014 sec)

MariaDB [bookstoredeb_db]> alter table books
    -> drop pubyear
    -> ;
Query OK, 0 rows affected (0.014 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [bookstoredeb_db]> desc books;
+-----------+------------------+------+-----+---------+----------------+
| Field     | Type             | Null | Key | Default | Extra          |
+-----------+------------------+------+-----+---------+----------------+
| id        | int(10) unsigned | NO   | PRI | NULL    | auto_increment |
| title     | varchar(30)      | NO   |     | NULL    |                |
| author    | varchar(45)      | NO   |     | NULL    |                |
| price     | decimal(10,2)    | NO   |     | NULL    |                |
| language  | varchar(50)      | YES  |     | NULL    |                |
| publisher | varchar(200)     | YES  |     | NULL    |                |
| isbn      | varchar(40)      | YES  |     | NULL    |                |
+-----------+------------------+------+-----+---------+----------------+
7 rows in set (0.014 sec)

MariaDB [bookstoredeb_db]> alter table books
    -> rename book;
Query OK, 0 rows affected (0.015 sec)

MariaDB [bookstoredeb_db]> desc book;
+-----------+------------------+------+-----+---------+----------------+
| Field     | Type             | Null | Key | Default | Extra          |
+-----------+------------------+------+-----+---------+----------------+
| id        | int(10) unsigned | NO   | PRI | NULL    | auto_increment |
| title     | varchar(30)      | NO   |     | NULL    |                |
| author    | varchar(45)      | NO   |     | NULL    |                |
| price     | decimal(10,2)    | NO   |     | NULL    |                |
| language  | varchar(50)      | YES  |     | NULL    |                |
| publisher | varchar(200)     | YES  |     | NULL    |                |
| isbn      | varchar(40)      | YES  |     | NULL    |                |
+-----------+------------------+------+-----+---------+----------------+
7 rows in set (0.017 sec)
```

DROP PRIMARY KEY

```
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [bookstoredeb_db]> desc book;
+-----------+---------------+------+-----+---------+-------+
| Field     | Type          | Null | Key | Default | Extra |
+-----------+---------------+------+-----+---------+-------+
| id        | int(10)       | NO   | PRI | NULL    |       |
| title     | varchar(30)   | NO   |     | NULL    |       |
| author    | varchar(45)   | NO   |     | NULL    |       |
| price     | decimal(10,2) | NO   |     | NULL    |       |
| language  | varchar(50)   | YES  |     | NULL    |       |
| publisher | varchar(200)  | YES  |     | NULL    |       |
| isbn      | varchar(40)   | YES  |     | NULL    |       |
+-----------+---------------+------+-----+---------+-------+
7 rows in set (0.017 sec)

MariaDB [bookstoredeb_db]> alter table book
    -> drop primary key;
Query OK, 0 rows affected (0.034 sec)
Records: 0  Duplicates: 0  Warnings: 0

MariaDB [bookstoredeb_db]> desc table
    -> ;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 't
able' at line 1
MariaDB [bookstoredeb_db]> desc book;
+-----------+---------------+------+-----+---------+-------+
| Field     | Type          | Null | Key | Default | Extra |
+-----------+---------------+------+-----+---------+-------+
| id        | int(10)       | NO   |     | NULL    |       |
| title     | varchar(30)   | NO   |     | NULL    |       |
| author    | varchar(45)   | NO   |     | NULL    |       |
| price     | decimal(10,2) | NO   |     | NULL    |       |
| language  | varchar(50)   | YES  |     | NULL    |       |
| publisher | varchar(200)  | YES  |     | NULL    |       |
| isbn      | varchar(40)   | YES  |     | NULL    |       |
+-----------+---------------+------+-----+---------+-------+
7 rows in set (0.019 sec)

MariaDB [bookstoredeb_db]>
```