

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

bookdb

Tables

Views

Stored Procedures

Functions

sakila

sys

world

Administration

Information

Query 1

Limit to 1000 rows

```
8 PUBLICATION INT,
9 PRICE DECIMAL(8, 2)
10 );
11 INSERT INTO BOOKS VALUES (1, "The Life of Elonmusk", "Albert", "Sci-Fi", 2021, 78.98);
12 INSERT INTO BOOKS VALUES (2, "The Lord Rings", "George", "Action", 2002, 58.68);
13 INSERT INTO BOOKS VALUES (3, "Aliens", "ElonMusk", "Sci-Fi", 2022, 38.78);
14 INSERT INTO BOOKS VALUES (4, "The Nun", "James", "Ghost", 2005, 36.08);
15 INSERT INTO BOOKS VALUES (5, "The Lion King", "Gilton", "Action", 2024, 14.72);
16 SELECT * FROM BOOKS;
17 SELECT * FROM BOOKS WHERE TITLE = "The Life of Elonmusk";
18 UPDATE BOOKS SET PRICE = 40.99 WHERE TITLE = "The Lord Rings";
19
```

Result Grid

ID	TITLE	AUTHOR	GENRE	PUBLICATION	PRICE
1	The Life of Elonmusk	Albert	Sci-Fi	2021	78.98
2	The Lord Rings	George	Action	2002	40.99
3	Aliens	ElonMusk	Sci-Fi	2022	38.78
4	The Nun	James	Ghost	2005	36.08
5	The Lion King	Gilton	Action	2024	14.72

BOOKS 25

Output

Action Output

#	Time	Action	Message	Duration / Fetch
21	19:33:59	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
22	19:34:21	SELECT * FROM BOOKS WHERE TITLE = "The Life of Elonmusk" LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
23	19:34:37	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
24	19:34:41	UPDATE BOOKS SET PRICE = 40.99 WHERE TITLE = "The Lord Rings"	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.031 sec
25	19:34:46	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.015 sec / 0.000 sec

Object Info

Session

27°C Cloudy

Search

ENG IN

19:34 04-07-2023

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

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Query 1

Limit to 1000 rows

```
5 TITLE VARCHAR(80),
6 AUTHOR VARCHAR(80),
7 GENRE VARCHAR(80),
8 PUBLICATION INT,
9 PRICE DECIMAL(8, 2)
10 );
11 INSERT INTO BOOKS VALUES (1, "The Life of Elonmusk", "Albert", "Sci-Fi", 2021, 78.98);
12 INSERT INTO BOOKS VALUES (2, "The Lord Rings", "George", "Action", 2002, 58.68);
13 INSERT INTO BOOKS VALUES (3, "Aliens", "ElonMusk", "Sci-Fi", 2022, 38.78);
14 INSERT INTO BOOKS VALUES (4, "The Nun", "James", "Ghost", 2005, 36.08);
15 INSERT INTO BOOKS VALUES (5, "The Lion King", "Gilton", "Action", 2024, 14.72);
16 SELECT * FROM BOOKS;
```

Result Grid

ID	TITLE	AUTHOR	GENRE	PUBLICATION	PRICE
2	The Lord Rings	George	Action	2002	40.99
3	Aliens	ElonMusk	Sci-Fi	2022	38.78
4	The Nun	James	Ghost	2005	36.08
5	The Lion King	Gilton	Action	2024	14.72

BOOKS 26

Output

Action Output

#	Time	Action	Message	Duration / Fetch
23	19:34:37	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
24	19:34:41	UPDATE BOOKS SET PRICE = 40.99 WHERE TITLE = "The Lord Rings"	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.031 sec
25	19:34:46	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.015 sec / 0.000 sec
26	19:36:14	DELETE FROM Books WHERE title = "The Life of Elonmusk"	1 row(s) affected	0.031 sec
27	19:36:20	SELECT * FROM BOOKS LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

27°C Cloudy

Search

ENG IN

19:36 04-07-2023

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

MySQL Workbench

Local instance MySQL80 x

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Query 1

Limit to 1000 rows

```
6  AUTHOR VARCHAR(80),
7  GENRE VARCHAR(80),
8  PUBLICATION INT,
9  PRICE DECIMAL(8, 2)
10 );
11 INSERT INTO BOOKS VALUES (1, "The Life of Elonmusk", "Albert", "Sci-Fi", 2021, 78.98);
12 INSERT INTO BOOKS VALUES (2, "The Lord Rings", "George", "Action", 2002, 58.68);
13 INSERT INTO BOOKS VALUES (3, "Aliens", "ElonMusk", "Sci-Fi", 2022, 38.78);
14 INSERT INTO BOOKS VALUES (4, "The Nun", "James", "Ghost", 2005, 36.08);
15 INSERT INTO BOOKS VALUES (5, "The Lion King", "Gilton", "Action", 2024, 14.72);
16 SELECT * FROM BOOKS;
17 SELECT * FROM BOOKS WHERE TITLE = "The Life of Elonmusk";
```

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid

Filter Rows:

Edits

Export/Import

Wrap Cell Content: IS

ID	TITLE	AUTHOR	GENRE	PUBLICATION	PRICE
1	The Life of Elonmusk	Albert	Sci-Fi	2021	78.98

BOOKS 23 x

Apply

Revert

Context Help

Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
18	19:31:44	CREATE DATABASE BookDB	Error Code: 1007. Can't create database 'bookdb'; database exists	0.016 sec
19	19:31:51	SELECT * FROM BOOKS LIMIT 0.1000	4 row(s) returned	0.000 sec / 0.000 sec
20	19:33:56	INSERT INTO BOOKS VALUES (5, "The Lion King", "Gilton", "Action", 2024, 14.72)	1 row(s) affected	0.000 sec
21	19:33:59	SELECT * FROM BOOKS LIMIT 0.1000	5 row(s) returned	0.000 sec / 0.000 sec
22	19:34:21	SELECT * FROM BOOKS WHERE TITLE = "The Life of Elonmusk" LIMIT 0.1000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info

Session

27°C Cloudy

Search

ENG IN

19:34

04-07-2023

```
CREATE DATABASE BookDB;
```

```
USE BookDB;
```

```
CREATE TABLE BOOKS (
```

```
    ID INT PRIMARY KEY,
```

```
    TITLE VARCHAR(80),
```

```
    AUTHOR VARCHAR(80),
```

```
    GENRE VARCHAR(80),
```

```
    PUBLICATION INT,
```

```
    PRICE DECIMAL(8, 2)
```

```
);
```

```
INSERT INTO BOOKS VALUES (1, "The Life of Elonmusk", "Albert", "Sci-Fi", 2021, 78.98);
```

```
INSERT INTO BOOKS VALUES (2, "The Lord Rings", "George", "Action", 2002, 58.68);
```

```
INSERT INTO BOOKS VALUES (3, "Aliens", "ElonMusk", "Sci-Fi", 2022, 38.78);
```

```
INSERT INTO BOOKS VALUES (4, "The Nun", "James", "Ghost", 2005, 36.08);
```

```
INSERT INTO BOOKS VALUES (5, "The Lion King", "Gilton", "Action", 2024, 14.72);
```

```
SELECT * FROM BOOKS;
```

```
SELECT * FROM BOOKS WHERE TITLE = "The Life of Elonmusk";
```

```
UPDATE BOOKS SET PRICE = 40.99 WHERE TITLE = "The Lord Rings";
```

```
DELETE FROM Books WHERE title = "The Life of Elonmusk";
```

The screenshot displays the MySQL Workbench interface. The main window shows a SQL query with the following content:

```
CREATE DATABASE BookDB;

USE BookDB;

CREATE TABLE BOOKS (
    ID INT PRIMARY KEY,
    TITLE VARCHAR(80),
    AUTHOR VARCHAR(80),
    GENRE VARCHAR(80),
    PUBLICATION INT,
    PRICE DECIMAL(8, 2)
);

INSERT INTO BOOKS VALUES (1, "The Life of Elonmusk", "Albert", "Sci-Fi", 2021, 78.98);
INSERT INTO BOOKS VALUES (2, "The Lord Rings", "George", "Action", 2002, 58.68);
INSERT INTO BOOKS VALUES (3, "Aliens", "ElonMusk", "Sci-Fi", 2022, 38.78);
INSERT INTO BOOKS VALUES (4, "The Nun", "James", "Ghost", 2005, 36.08);
INSERT INTO BOOKS VALUES (5, "The Lion King", "Gilton", "Action", 2024, 14.72);

SELECT * FROM BOOKS;
SELECT * FROM BOOKS WHERE TITLE = "The Life of Elonmusk";
UPDATE BOOKS SET PRICE = 40.99 WHERE TITLE = "The Lord Rings";
DELETE FROM Books WHERE title = "The Life of Elonmusk";
```

The left sidebar shows the 'SCHEMAS' panel with 'sakila', 'sys', and 'world' databases listed. The bottom panel shows the 'Result Grid' with the following data:

ID	TITLE	AUTHOR	GENRE	PUBLICATION	PRICE
1	The Life of Elonmusk	Albert	Sci-Fi	2021	78.98
2	The Lord Rings	George	Action	2002	40.99
3	Aliens	ElonMusk	Sci-Fi	2022	38.78
4	The Nun	James	Ghost	2005	36.08
5	The Lion King	Gilton	Action	2024	14.72

The bottom right panel shows the 'Output' tab with the following log entries:

#	Time	Action	Message	Duration / Fetch
10	19:28:17	SELECT * FROM BOOKS WHERE TITLE = "The Life of Elonmusk" LIMIT 0. 1000	1 row(s) returned	0.000 sec / 0.000 sec
11	19:28:21	UPDATE BOOKS SET PRICE = 40.99 WHERE TITLE = "The Lord Rings"	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
12	19:28:25	SELECT * FROM BOOKS LIMIT 0. 1000	5 row(s) returned	0.000 sec / 0.000 sec
13	19:29:28	DELETE FROM BOOKS WHERE TITLE = "The Lion King"	1 row(s) affected	0.016 sec
14	19:29:35	SELECT * FROM BOOKS LIMIT 0. 1000	4 row(s) returned	0.000 sec / 0.000 sec