

```
CREATE DATABASE BooksDB;
```

```
USE BooksDB;
```

```
CREATE TABLE Books (
```

```
    Title VARCHAR(100),
```

```
    Author VARCHAR(80),
```

```
    Genre VARCHAR(50),
```

```
    Publication_year INT,
```

```
    Price DECIMAL(9, 2)
```

```
);
```

```
INSERT INTO Books VALUES("Area of Darkness", "V.S. Naipaul", "Travel", 1964, 9.99);
```

```
INSERT INTO Books VALUES("Brave New World", "Aldous Huxley", "Science-Fiction", 1932, 13.50);
```

```
INSERT INTO Books VALUES("Broken Wing", "Sarojini Naidu", "Novel", 1912, 11.75);
```

```
INSERT INTO Books VALUES("Discovery of India", "Susan Cain", "Non-Fiction", 1871, 10.99);
```

```
INSERT INTO Books VALUES("Wealth of Nations", "Adam Smith", "Economics,Philosophy", 1776, 12.99);
```

```
SELECT * FROM Books;
```

```
SELECT * FROM Books WHERE title = "Area of Darkness";
```

```
UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations";
```

```
DELETE FROM Books WHERE title = "Brave New World";
```

The screenshot displays the MySQL Workbench interface. The SQL editor contains the following queries:

```
13 );
14 INSERT INTO Books VALUES("Area of Darkness", "V.S. Naipaul", "Travel", 1964, 9.99);
15 INSERT INTO Books VALUES("Brave New World", "Aldous Huxley", "Science-Fiction", 1932, 13.50);
16 INSERT INTO Books VALUES("Broken Wing", "Sarojini Naidu", "Novel", 1912, 11.75);
17 INSERT INTO Books VALUES("Discovery of India", "Susan Cain", "Non-Fiction", 1871, 10.99);
18 INSERT INTO Books VALUES("Wealth of Nations", "Adam Smith", "Economics,Philosophy", 1776, 12.99);
19 SELECT * FROM Books;
```

The Results grid shows the output of the last query, displaying a table with 5 rows and 5 columns: Title, Author, Genre, Publication_year, and Price.

Title	Author	Genre	Publication_year	Price
Area of Darkness	V.S. Naipaul	Travel	1964	9.99
Broken Wing	Sarojini Naidu	Novel	1912	11.75
Discovery of India	Susan Cain	Non-Fiction	1871	10.99
Wealth of Nations	Adam Smith	Economics,Philosophy	1776	15.99
Area of Darkness	V.S. Naipaul	Travel	1964	9.99

The Output tab shows the execution log with the following messages:

```
20 21:01:05 CREATE DATABASE BooksDB
21 21:01:15 CREATE DATABASE BooksDB
22 21:01:27 CREATE DATABASE BooksDB
23 21:01:33 INSERT INTO Books VALUES("Area of Darkness", "V.S. Naipaul", "Travel", 1964, 9.99)
24 21:01:42 SELECT * FROM Books LIMIT 0, 1000
```

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

booksdb

Tables

Views

Stored Procedures

Functions

java

sakila

sys

world

SQL

Limit to 1000 rows

17 • INSERT INTO Books VALUES("Discovery of India", "Susan Cain", "Non-Fiction",1871, 10.99);

18 • INSERT INTO Books VALUES("Wealth of Nations", "Adam Smith", "Economics,Philosophy", 1776, 12.99);

19 • SELECT * FROM Books;

20 • SELECT * FROM Books WHERE title = "Area of Darkness";

21 • UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations";

22 • DELETE FROM Books WHERE title = "Brave New World";

23

Result Grid

Filter Rows:

Export:

Wrap Cell Contents:

Title Author Genre Publication_year Price

Area of Darkness V.S. Naipaul Travel 1964 9.99

Area of Darkness V.S. Naipaul Travel 1964 9.99

Books 4 x

Read Only Context Help Snippets

Output

Action Output

Time Action Message Duration / Fetch

17 21:00:21 SELECT * FROM Books WHERE title = "Area of Darkness" LIMIT 0, 1000 1 row(s) returned 0.000 sec / 0.000 sec

18 21:00:21 UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations" 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 0.000 sec

19 21:00:21 DELETE FROM Books WHERE title = "Brave New World" 1 row(s) affected 0.000 sec

20 21:01:05 CREATE DATABASE BooksDB Error Code: 1007. Can't create database 'booksdb'; database exists 0.000 sec

21 21:01:15 CREATE DATABASE BooksDB Error Code: 1007. Can't create database 'booksdb'; database exists 0.000 sec

22 21:01:27 CREATE DATABASE BooksDB Error Code: 1007. Can't create database 'booksdb'; database exists 0.000 sec

23 21:01:33 INSERT INTO Books VALUES("Area of Darkness", "V.S. Naipaul", "Travel", 1964, 9.99) 1 row(s) affected 0.000 sec

24 21:01:42 SELECT * FROM Books LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec

25 21:02:02 SELECT * FROM Books WHERE title = "Area of Darkness" LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

Administration Schemas

Information

No object selected

Object Info Session

26°C Cloudy

Search

ENG IN

21:02 04-07-2023

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

booksdb

Tables

Views

Stored Procedures

Functions

java

sakila

sys

world

SQL

Limit to 1000 rows

16 • INSERT INTO Books VALUES("Broken Wing", "Sarojini Naidu", "Novel", 1912, 11.75);

17 • INSERT INTO Books VALUES("Discovery of India", "Susan Cain", "Non-Fiction",1871, 10.99);

18 • INSERT INTO Books VALUES("Wealth of Nations", "Adam Smith", "Economics,Philosophy", 1776, 12.99);

19 • SELECT * FROM Books;

20 • SELECT * FROM Books WHERE title = "Area of Darkness";

21 • UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations";

22 • SELECT * FROM Books;

Result Grid

Filter Rows:

Export:

Wrap Cell Contents:

Title Author Genre Publication_year Price

Area of Darkness V.S. Naipaul Travel 1964 9.99

Broken Wing Sarojini Naidu Novel 1912 11.75

Discovery of India Susan Cain Non-Fiction 1871 10.99

Wealth of Nations Adam Smith Economics,Philosophy 1776 15.99

Area of Darkness V.S. Naipaul Travel 1964 9.99

Books 6 x

Read Only Context Help Snippets

Output

Action Output

Time Action Message Duration / Fetch

22 21:01:27 CREATE DATABASE BooksDB Error Code: 1007. Can't create database 'booksdb'; database exists 0.000 sec

23 21:01:33 INSERT INTO Books VALUES("Area of Darkness", "V.S. Naipaul", "Travel", 1964, 9.99) 1 row(s) affected 0.000 sec

24 21:01:42 SELECT * FROM Books LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec

25 21:02:02 SELECT * FROM Books WHERE title = "Area of Darkness" LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

26 21:02:25 UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations" 0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0 0.015 sec

27 21:02:39 UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations" 0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0 0.000 sec

28 21:03:01 DELETE FROM Books WHERE title = "Brave New World" 0 row(s) affected 0.000 sec

29 21:03:10 SELECT * FROM Books WHERE title = "Area of Darkness" LIMIT 0, 1000 2 row(s) returned 0.000 sec / 0.000 sec

30 21:03:18 UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations" 0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0 0.016 sec

31 21:05:01 CREATE DATABASE BooksDB Error Code: 1007. Can't create database 'booksdb'; database exists 0.000 sec

32 21:05:04 UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations" 0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0 0.000 sec

33 21:06:05 SELECT * FROM Books LIMIT 0, 1000 5 row(s) returned 0.000 sec / 0.000 sec

Administration Schemas

Information

No object selected

Object Info Session

26°C Cloudy

Search

ENG IN

21:06 04-07-2023

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

booksdb

Tables

Views

Stored Procedures

Functions

java

sakila

sys

world

60° x

Limit to 1000 rows

18 INSERT INTO Books VALUES("Wealth of Nations", "Adam Smith", "Economics,Philosophy", 1776, 12.99);

19 SELECT * FROM Books;

20 SELECT * FROM Books WHERE title = "Area of Darkness";

21 UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations";

22 SELECT * FROM Books;

23 DELETE FROM Books WHERE title = "Brave New World";

24 SELECT * FROM Books;

Result Grid

Filter Rows:

Export: Wrap Cell Contents: 15

Title	Author	Genre	Publication_year	Price
Area of Darkness	V.S. Naipaul	Travel	1964	9.99
Broken Wing	Sergiy Naidju	Novel	1912	11.75
Discovery of India	Susan Cain	Non-Fiction	1871	10.99
Wealth of Nations	Adam Smith	Economics,Philosophy	1776	15.99
Area of Darkness	V.S. Naipaul	Travel	1964	9.99

Books 7 x

Action Output

#	Time	Action	Message	Duration / Fetch
23	21:01:33	INSERT INTO Books VALUES("Area of Darkness", "V.S. Naipaul", "Travel", 1964, 9.99)	1 row(s) affected	0.000 sec
24	21:01:42	SELECT * FROM Books LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
25	21:02:02	SELECT * FROM Books WHERE title = "Area of Darkness" LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
26	21:02:25	UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations"	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.015 sec
27	21:02:39	UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations"	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
28	21:03:01	DELETE FROM Books WHERE title = "Brave New World"	0 row(s) affected	0.000 sec
29	21:03:10	SELECT * FROM Books WHERE title = "Area of Darkness" LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
30	21:03:18	UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations"	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.016 sec
31	21:05:01	CREATE DATABASE BooksDB	Error Code: 1007. Can't create database 'booksdb'; database exists	0.000 sec
32	21:05:04	UPDATE Books SET price = 15.99 WHERE title = "Wealth of Nations"	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
33	21:06:05	SELECT * FROM Books LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
34	21:06:50	SELECT * FROM Books LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

SQLAdditions

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

Context Help

Snippets

Administration Schemas

Information

No object selected

Object Info Session

26°C Cloudy

Search

ENG IN

21:06

04-07-2023