
```
CREATE DATABASE BOOKSDB;

USE BOOKSDB;

DROP TABLE BOOKS;

CREATE TABLE BOOKS(
ID INT PRIMARY KEY,
TITTLE VARCHAR(20),
AUTHOR VARCHAR(30),
GENER VARCHAR(20),
PUBLICATIONYEAR INT ,
PRICE DECIMAL(8,2)
);

INSERT INTO BOOKS VALUES(1,"VISUAL" ,"JAMESCAMERON","HUMAN LIFE",2000,600);
INSERT INTO BOOKS VALUES(2,"PONNIAL SELVAN" ,"KALKI","LIFE OF CHOZAN",1689,6050);
INSERT INTO BOOKS VALUES(3,"JAVA" ,"JAMESGOSLING","JAVA TUTORIAL",1995,60505);
INSERT INTO BOOKS VALUES(4,"C++" ,"BIJIARNE STROUSTRUP","C++ TUTORIAL",1985,60530);
INSERT INTO BOOKS VALUES(5,"PYTHON" ,"GUIDO VAN ROSSUM","PYTHON TUTORIAL",1919,6052);

SELECT * FROM BOOKS;

SELECT *FROM BOOKS WHERE TITTLE="JAVA";

UPDATE BOOKS SET PRICE =67505 WHERE TITTLE="JAVA";

SELECT *FROM BOOKS;

DELETE FROM BOOKS WHERE TITTLE="VISUAL";
```

MySQL Workbench

Local instance MySQL80

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Navigator

SCHMAS

Filter objects

- mar
- sakila
- student
- sys
- weekend
- world

Query 1

```

1  -- Good Afternoon
2
3  /*
4   This is a multiple
5   comment line statement
6  */
7  -- TO create Database
8  CREATE DATABASE JAVA;
9  DROP DATABASE JAVA;
10 DROP SCHEMA IF EXISTS JAVA;

```

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

Output

Action Output

#	Time	Action	Message	Duration / Fetch
5	12:16:56	SHOW DATABASES	9 row(s) returned	0.000 sec / 0.000 sec
6	12:17:43	CREATE DATABASE JAVA	1 row(s) affected	0.015 sec
7	12:18:02	DROP DATABASE JAVA	0 row(s) affected	0.031 sec
8	12:18:42	SHOW DATABASES JAVA	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL se...	0.000 sec
9	12:19:23	DROP DATABASE JAVA	Error Code: 1008. Can't drop database 'java'; database doesn't exist	0.000 sec
10	12:21:06	DROP SCHEMA IF EXISTS JAVA	0 row(s) affected, 1 warning(s): 1008 Can't drop database 'java'; database doesn't exist	0.000 sec

Object Info Session

31°C Mostly cloudy

12:23 PM 04-07-2023

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHMAS

Filter objects

- booksdb
 - Tables
 - Views
 - Stored Procedures
 - Functions
- java
- mar
- sakila
- student
- sys
- world

Query 1

```

7  AUTHOR VARCHAR(30),
8  GENER VARCHAR(20),
9  PUBLICATIONYEAR INT ,
10 PRICE DECIMAL(8,2)
11 );
12 INSERT INTO BOOKS VALUES(1,"VISUAL", "JAMESCAMERON","HUMAN LIFE",2000,600);
13 INSERT INTO BOOKS VALUES(2,"PONNIAL SELVAN", "KALKI","LIFE OF CHOZAN",1689,6050);
14 INSERT INTO BOOKS VALUES(3,"JAVA", "JAMESGOSLING","JAVA TUTORIAL",1995,60505);
15 INSERT INTO BOOKS VALUES(4,"C++", "BJJIANNE STROUSTRUP","C++ TUTORIAL",1985,60530);
16 INSERT INTO BOOKS VALUES(5,"PYTHON", "GUIDO VAN ROSSUM","PYTHON TUTORIAL",1919,6052);
17 SELECT * FROM BOOKS;

```

Result Grid

ID	TITLE	AUTHOR	GENER	PUBLICATIONYEAR	PRICE
1	VISUAL	JAMESCAMERON	HUMAN LIFE	2000	600.00
2	PONNIAL SELVAN	KALKI	LIFE OF CHOZAN	1689	6050.00
3	JAVA	JAMESGOSLING	JAVA TUTORIAL	1995	60505.00
4	C++	BJJIANNE STROUSTRUP	C++ TUTORIAL	1985	60530.00
5	PYTHON	GUIDO VAN ROSSUM	PYTHON TUTORIAL	1919	6052.00

BOOKS2

Output

Action Output

#	Time	Action	Message	Duration / Fetch
30	19:36:13	INSERT INTO BOOKS VALUES(5,"PYTHON", "GUIDO VAN ROSSUM","PYTHON TUTORIAL",1919,6052)	1 row(s) affected	0.015 sec
31	19:36:37	INSERT INTO BOOKS VALUES(1,"VISUAL", "JAMESCAMERON","HUMAN LIFE",2000,600)	Error Code: 1062. Duplicate entry '1' for key 'books PRIMARY'	0.000 sec
32	19:36:46	INSERT INTO BOOKS VALUES(1,"VISUAL", "JAMESCAMERON","HUMAN LIFE",2000,600)	Error Code: 1062. Duplicate entry '1' for key 'books PRIMARY'	0.000 sec
33	19:37:26	SELECT * FROM BOOKS LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
34	19:37:32	INSERT INTO BOOKS VALUES(2,"PONNIAL SELVAN", "KALKI","LIFE OF CHOZAN",1689,6050)	1 row(s) affected	0.016 sec
35	19:37:36	INSERT INTO BOOKS VALUES(3,"JAVA", "JAMESGOSLING","JAVA TUTORIAL",1995,60505)	1 row(s) affected	0.015 sec
36	19:37:39	INSERT INTO BOOKS VALUES(4,"C++", "BJJIANNE STROUSTRUP","C++ TUTORIAL",1985,60530)	1 row(s) affected	0.000 sec

Object Info Session

27°C Cloudy

07:38 PM 04-07-2023

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

booksdb

Tables

Views

Stored Procedures

Functions

java

msr

sakila

student

sys

world

SQL File 3 Query 1

Limit to 1000 rows

Toggle display of invisible characters (spaces, tabs, newlines)

```

10  PRICE DECIMAL(5,2)
11  );
12  INSERT INTO BOOKS VALUES(1,"VISUAL", "JAMESCAMERON","HUMAN LIFE",2000,600);
13  INSERT INTO BOOKS VALUES(2,"POMNIAL SELVAN", "KALKI","LIFE OF CHOZAN",1689,6050);
14  INSERT INTO BOOKS VALUES(3,"JAVA", "JAMESGOSLING","JAVA TUTORIAL",1995,60505);
15  INSERT INTO BOOKS VALUES(4,"C++", "BJIARNE STROUSTRUP","C++ TUTORIAL",1985,60530);
16  INSERT INTO BOOKS VALUES(5,"PYTHON", "GUIDO VAN ROSSUM","PYTHON TUTORIAL",1919,6052);
17  SELECT * FROM BOOKS;
18  SELECT *FROM BOOKS WHERE TITTLE="JAVA";
19  UPDATE BOOKS SET PRICE =67505 WHERE TITTLE="JAVA";
20  SELECT *FROM BOOKS;
21  DELETE FROM BOOKS WHERE TITTLE="VISUAL";

```

Result Grid

ID	TITTLE	AUTHOR	GENER	PUBLICATIONYEAR	PRICE
2	POMNIAL SELVAN	KALKI	LIFE OF CHOZAN	1689	6050.00
3	JAVA	JAMESGOSLING	JAVA TUTORIAL	1995	67505.00
4	C++	BJIARNE STROUSTRUP	C++ TUTORIAL	1985	60530.00
5	PYTHON	GUIDO VAN ROSSUM	PYTHON TUTORIAL	1919	6052.00

BOOKS 14

Output

Action Output

#	Time	Action	Message	Duration / Fetch
54	19:49:40	SELECT *FROM BOOKS LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
55	19:49:56	SELECT *FROM BOOKS LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
56	19:52:03	UPDATE BOOKS SET PRICE =67505 WHERE TITTLE="JAVA"	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
57	19:52:13	SELECT *FROM BOOKS LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
58	19:53:12	DELETE FROM BOOKS WHERE TITTLE="VISUAL"	0 row(s) affected	0.016 sec
59	19:53:17	SELECT *FROM BOOKS LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

27°C Cloudy

ENG IN 07:53 PM 04-07-2023

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

booksdb

Tables

Views

Stored Procedures

Functions

java

msr

sakila

student

sys

world

SQL File 3 Query 1

Limit to 1000 rows

Toggle display of invisible characters (spaces, tabs, newlines)

```

10  PRICE DECIMAL(5,2)
11  );
12  INSERT INTO BOOKS VALUES(1,"VISUAL", "JAMESCAMERON","HUMAN LIFE",2000,600);
13  INSERT INTO BOOKS VALUES(2,"POMNIAL SELVAN", "KALKI","LIFE OF CHOZAN",1689,6050);
14  INSERT INTO BOOKS VALUES(3,"JAVA", "JAMESGOSLING","JAVA TUTORIAL",1995,60505);
15  INSERT INTO BOOKS VALUES(4,"C++", "BJIARNE STROUSTRUP","C++ TUTORIAL",1985,60530);
16  INSERT INTO BOOKS VALUES(5,"PYTHON", "GUIDO VAN ROSSUM","PYTHON TUTORIAL",1919,6052);
17  SELECT * FROM BOOKS;
18  SELECT *FROM BOOKS WHERE TITTLE="JAVA";
19  UPDATE BOOKS SET TITTLE="JAVA" WHERE PRICE =70505;
20  SELECT *FROM BOOKS;
21  DELETE FROM BOOKS WHERE TITTLE="VISUAL";

```

Result Grid

ID	TITTLE	AUTHOR	GENER	PUBLICATIONYEAR	PRICE
2	POMNIAL SELVAN	KALKI	LIFE OF CHOZAN	1689	6050.00
3	JAVA	JAMESGOSLING	JAVA TUTORIAL	1995	60505.00
4	C++	BJIARNE STROUSTRUP	C++ TUTORIAL	1985	60530.00
5	PYTHON	GUIDO VAN ROSSUM	PYTHON TUTORIAL	1919	6052.00

BOOKS 7

Output

Action Output

#	Time	Action	Message	Duration / Fetch
42	19:42:50	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
43	19:43:16	SELECT *FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
44	19:43:39	UPDATE BOOKS SET TITTLE="JAVA" WHERE PRICE =70505	0 row(s) affected Rows matched: 0 Changed: 0 Warnings: 0	0.016 sec
45	19:43:45	SELECT *FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
46	19:46:13	DELETE FROM BOOKS WHERE TITTLE="VISUAL"	1 row(s) affected	0.016 sec
47	19:46:21	SELECT *FROM BOOKS LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

27°C Cloudy

ENG IN 07:46 PM 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

msr

sakila

student

sys

world

Query 1

SQL File 3

Limit to 1000 rows

```

8  GENER VARCHAR(20),
9  PUBLICATIONYEAR INT ,
10 PRICE DECIMAL(6,2)
11 );
12 INSERT INTO BOOKS VALUES(1,"VISUAL", "JAMESCAHERON","HUMAN LIFE",2000,600);
13 INSERT INTO BOOKS VALUES(2,"POMNIAL SELVAN", "KALKI","LIFE OF CHOZAN",1689,6050);
14 INSERT INTO BOOKS VALUES(3,"JAVA", "JAMESGOSLING","JAVA TUTORIAL",1995,60505);
15 INSERT INTO BOOKS VALUES(4,"C++", "BJIARNE STROUSTRUP","C++ TUTORIAL",1985,60530);
16 INSERT INTO BOOKS VALUES(5,"PYTHON", "GUIDO VAN ROSSUM","PYTHON TUTORIAL",1919,6052);
17 SELECT * FROM BOOKS;
18 SELECT *FROM BOOKS WHERE TITLE="JAVA";
19

```

Result Grid

ID	TITLE	AUTHOR	GENER	PUBLICATIONYEAR	PRICE
3	JAVA	JAMESGOSLING	JAVA TUTORIAL	1995	60505.00

BOOKS 3 x

Output

No object selected

Action Output

#	Time	Action	Message	Duration / Fetch
35	19:37:36	INSERT INTO BOOKS VALUES(4,"C++", "BJIARNE STROUSTRUP","C++ TUTORIAL",1985,60530)	1 row(s) affected	0.015 sec
36	19:37:39	INSERT INTO BOOKS VALUES(4,"C++", "BJIARNE STROUSTRUP","C++ TUTORIAL",1985,60530)	1 row(s) affected	0.000 sec
37	19:37:43	SELECT * FROM BOOKS LIMIT 0. 1000	5 row(s) returned	0.000 sec / 0.000 sec
38	19:39:42	SELECT *FROM BOOKS WHERE TITLE="JAVA" LIMIT 0. 1000	Error Code: 1054. Unknown column 'TITLE' in 'where clause'	0.015 sec
39	19:39:53	SELECT *FROM BOOKS WHERE TITLE="JAVA" LIMIT 0. 1000	Error Code: 1054. Unknown column 'TITLE' in 'where clause'	0.000 sec
40	19:40:13	SELECT *FROM BOOKS WHERE TITLE="JAVA" LIMIT 0. 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

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Search

ENG IN

07:40 PM 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

msr

sakila

student

sys

world

Query 1

SQL File 3

Limit to 1000 rows

```

10 PRICE DECIMAL(6,2)
11 );
12 INSERT INTO BOOKS VALUES(1,"VISUAL", "JAMESCAHERON","HUMAN LIFE",2000,600);
13 INSERT INTO BOOKS VALUES(2,"POMNIAL SELVAN", "KALKI","LIFE OF CHOZAN",1689,6050);
14 INSERT INTO BOOKS VALUES(3,"JAVA", "JAMESGOSLING","JAVA TUTORIAL",1995,60505);
15 INSERT INTO BOOKS VALUES(4,"C++", "BJIARNE STROUSTRUP","C++ TUTORIAL",1985,60530);
16 INSERT INTO BOOKS VALUES(5,"PYTHON", "GUIDO VAN ROSSUM","PYTHON TUTORIAL",1919,6052);
17 SELECT * FROM BOOKS;
18 SELECT *FROM BOOKS WHERE TITLE="JAVA";
19 UPDATE BOOKS SET PRICE =67505 WHERE TITLE="JAVA";
20 SELECT *FROM BOOKS;
21

```

Result Grid

ID	TITLE	AUTHOR	GENER	PUBLICATIONYEAR	PRICE
2	POMNIAL SELVAN	KALKI	LIFE OF CHOZAN	1689	6050.00
3	JAVA	JAMESGOSLING	JAVA TUTORIAL	1995	67505.00
4	C++	BJIARNE STROUSTRUP	C++ TUTORIAL	1985	60530.00
5	PYTHON	GUIDO VAN ROSSUM	PYTHON TUTORIAL	1919	6052.00

BOOKS 13 x

Output

No object selected

Action Output

#	Time	Action	Message	Duration / Fetch
52	19:49:16	SELECT *FROM BOOKS LIMIT 0. 1000	4 row(s) returned	0.015 sec / 0.000 sec
53	19:49:30	UPDATE BOOKS SET TITLE="JAVA" WHERE PRICE =67505	0 row(s) affected Rows matched: 0 Changed: 0 Warnings: 0	0.000 sec
54	19:49:40	SELECT *FROM BOOKS LIMIT 0. 1000	4 row(s) returned	0.000 sec / 0.000 sec
55	19:49:56	SELECT *FROM BOOKS LIMIT 0. 1000	4 row(s) returned	0.000 sec / 0.000 sec
56	19:52:03	UPDATE BOOKS SET PRICE =67505 WHERE TITLE="JAVA"	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.000 sec
57	19:52:13	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

07:52 PM 04-07-2023