

CREATE DATABASE BOOKSSDB;

USE BOOKSSDB;

CREATE TABLE BOOKS (ID INT PRIMARY KEY,TITLE VARCHAR(100),AUTHOR VARCHAR(100),GENERE VARCHAR(50),PUBLICATION_YEAR INT,PRICE DECIMAL(8,2));

INSERT INTO BOOKS VALUES(1,'PADMAVATHI CHARITRAM','MADHAVIAH','JULES',2009,18.55);

INSERT INTO BOOKS VALUES(2,'BARBARA REEVES','INDIRA ANANTHAKRISHNAN','EDUCATION',2011,14.88);

INSERT INTO BOOKS VALUES(3,'RS AGGARWAL','LATHA','STORY',2018,20.85);

INSERT INTO BOOKS VALUES(4,'INDIAN CONSITUTION','DR AMBEDKHAR','RULES',1950,12.55);

INSERT INTO BOOKS VALUES(5,'MCBSD','DR SARAVANAKUMAR','TECHNICAL',2017,20.55);

SELECT *FROM BOOKS;

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

```
1 CREATE DATABASE BOOKSSDB;
2 USE BOOKSSDB;
3 CREATE TABLE BOOKS (ID INT PRIMARY KEY,TITLE VARCHAR(100),AUTHOR VARCHAR(100),GENERE VARCHAR(50),PUB
4 INSERT INTO BOOKS VALUES(1,'PADMAVATHI CHARITRAM','MADHAVIAH','JULES',2009,18.55);
5 INSERT INTO BOOKS VALUES(2,'BARBARA REEVES','INDIRA ANANTHAKRISHNAN','EDUCATION',2011,14.88);
6 INSERT INTO BOOKS VALUES(3,'RS AGGARWAL','LATHA','STORY',2018,20.85);
7 INSERT INTO BOOKS VALUES(4,'INDIAN CONSITUTION','DR AMBEDKHAR','RULES',1950,12.55);
8 INSERT INTO BOOKS VALUES(5,'MCBSD','DR SARAVANAKUMAR','TECHNICAL',2017,20.55);
9 SELECT *FROM BOOKS;
```

The Result Grid shows the data for the BOOKS table:

ID	TITLE	AUTHOR	GENERE	PUBLICATION_YEAR	PRICE
1	PADMAVATHI CHARITRAM	MADHAVIAH	JULES	2009	18.55
2	BARBARA REEVES	INDIRA ANANTHAKRISHNAN	EDUCATION	2011	14.88
3	RS AGGARWAL	LATHA	STORY	2018	20.85
4	INDIAN CONSITUTION	DR AMBEDKHAR	RULES	1950	12.55
5	MCBSD	DR SARAVANAKUMAR	TECHNICAL	2017	20.55

The Output window shows the execution log:

#	Time	Action	Message	Duration / Fetch
18	02:22:27	INSERT INTO BOOKS VALUES(1,'PADMAVATHI CHARITRAM','MADHAVIAH','JULES',2009,18.55)	Error Code: 1062. Duplicate entry '1' for key 'books.PRIMARY'	0.000 sec
19	02:23:28	INSERT INTO BOOKS VALUES(2,'BARBARA REEVES','INDIRA ANANTHAKRISHNAN','EDUCATION',2011,14.88)	1 row(s) affected	0.109 sec
20	02:23:38	INSERT INTO BOOKS VALUES(3,'RS AGGARWAL','LATHA','STORY',2018,20.85)	1 row(s) affected	0.078 sec
21	02:23:52	INSERT INTO BOOKS VALUES(4,'INDIAN CONSITUTION','DR AMBEDKHAR','RULES',1950,12.55)	1 row(s) affected	0.047 sec
22	02:24:00	INSERT INTO BOOKS VALUES(5,'MCBSD','DR SARAVANAKUMAR','TECHNICAL',2017,20.55)	1 row(s) affected	0.093 sec
23	02:24:46	SELECT *FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

SELECT *FROM BOOKS WHERE TITLE='PADMAVATHI CHARITRAM';

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator: SQL File 8" x

Schemas: Filter objects, booksdb, java, sys

SQL Editor: 1. CREATE DATABASE BOOKSSDB; 2. USE BOOKSSDB; 3. CREATE TABLE BOOKS (ID INT PRIMARY KEY, TITLE VARCHAR(100), AUTHOR VARCHAR(100), GENERE VARCHAR(50), PUBLICATION_YEAR INT, PRICE DECIMAL(10,2)); 4. INSERT INTO BOOKS VALUES(1, 'PADMAVATHI CHARITRAM', 'MADHAVIAH', 'JULES', 2009, 18.55); 5. INSERT INTO BOOKS VALUES(2, 'BARBARA REEVES', 'INDIRA ANANTHAKRISHNAN', 'EDUCATION', 2011, 14.88); 6. INSERT INTO BOOKS VALUES(3, 'RS AGGARWAL', 'LATHA', 'STORY', 2018, 20.85); 7. INSERT INTO BOOKS VALUES(4, 'INDIAN CONSTITUTION', 'DR AMBEDKHAR', 'RULES', 1950, 12.55); 8. INSERT INTO BOOKS VALUES(5, 'MCBSD', 'DR SARAVANAKUMAR', 'TECHNICAL', 2017, 20.55); 9. SELECT *FROM BOOKS; 10. SELECT *FROM BOOKS WHERE TITLE='PADMAVATHI CHARITRAM';

Result Grid: 1. ID, TITLE, AUTHOR, GENERE, PUBLICATION_YEAR, PRICE. 1. PADMAVATHI CHARITRAM, MADHAVIAH, JULES, 2009, 18.55.

Administration Schemas Information

No object selected

BOOKS 2 x Apply Revert Context Help Snippets

Output: Action Output

#	Time	Action	Message	Duration / Fetch
19	02:23:28	INSERT INTO BOOKS VALUES(2,'BARBARA REEVES','INDIRA ANANTHAKRISHNAN','EDUCATION',2011,14.88)	1 row(s) affected	0.109 sec
20	02:23:38	INSERT INTO BOOKS VALUES(3,'RS AGGARWAL','LATHA','STORY',2018,20.85)	1 row(s) affected	0.078 sec
21	02:23:52	INSERT INTO BOOKS VALUES(4,'INDIAN CONSTITUTION','DR AMBEDKHAR','RULES',1950,12.55)	1 row(s) affected	0.047 sec
22	02:24:00	INSERT INTO BOOKS VALUES(5,'MCBSD','DR SARAVANAKUMAR','TECHNICAL',2017,20.55)	1 row(s) affected	0.093 sec
23	02:24:46	SELECT *FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
24	02:26:38	SELECT *FROM BOOKS WHERE TITLE='PADMAVATHI CHARITRAM' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Windows: Type here to search, 2:28 AM 7/4/2023

UPDATE BOOKS SET PRICE =22.88 WHERE TITLE = 'INDIAN CONSITUTION';

The screenshot displays the MySQL Workbench interface. The SQL Editor contains a script with the following queries:

```
1 CREATE DATABASE BOOKSSDB;
2 USE BOOKSSDB;
3 CREATE TABLE BOOKS (ID INT PRIMARY KEY,TITLE VARCHAR(100),AUTHOR VARCHAR(100),GENRE VARCHAR(50),PUBLICATION_YEAR INT,PRICE DECIMAL(10,2));
4 INSERT INTO BOOKS VALUES(1,'PADMAVATHI CHARITRAM','MADHAVIAH','JULES',2009,18.55);
5 INSERT INTO BOOKS VALUES(2,'BARBARA REEVES','INDIRA ANANTHAKRISHNAN','EDUCATION',2011,14.88);
6 INSERT INTO BOOKS VALUES(3,'RS AGGARWAL','LATHA','STORY',2018,20.85);
7 INSERT INTO BOOKS VALUES(4,'INDIAN CONSTITUTION','DR AMBEDKHAR','RULES',1950,12.55);
8 INSERT INTO BOOKS VALUES(5,'MCBSD','DR SARAVANAKUMAR','TECHNICAL',2017,20.55);
9 SELECT *FROM BOOKS;
10 SELECT *FROM BOOKS WHERE TITLE='PADMAVATHI CHARITRAM';
```

The Results grid shows the output of the last query, displaying 5 rows of book data:

ID	TITLE	AUTHOR	GENRE	PUBLICATION_YEAR	PRICE
1	PADMAVATHI CHARITRAM	MADHAVIAH	JULES	2009	18.55
2	BARBARA REEVES	INDIRA ANANTHAKRISHNAN	EDUCATION	2011	14.88
3	RS AGGARWAL	LATHA	STORY	2018	20.85
4	INDIAN CONSTITUTION	DR AMBEDKHAR	RULES	1950	22.88
5	MCBSD	DR SARAVANAKUMAR	TECHNICAL	2017	20.55

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

Time	Action	Message	Duration / Fetch
24 02:26:30	SELECT *FROM BOOKS WHERE TITLE='PADMAVATHI CHARITRAM' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
25 02:30:50	UPDATE BOOKS SET PRICE =22.88 WHERE TITLE = 'INDIAN CONSITUTION'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.094 sec
26 02:31:47	SELECT *FROM BOOKS WHERE TITLE='PADMAVATHI CHARITRAM' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27 02:32:33	UPDATE BOOKS SET PRICE =22.88 WHERE TITLE = 'INDIAN CONSITUTION'	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
28 02:32:47	SELECT *FROM BOOKS WHERE TITLE='PADMAVATHI CHARITRAM' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29 02:34:23	SELECT *FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

DELETE FROM BOOKS WHERE TITLE = 'RS AGGARWAL';

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

- booksdb
- java
- sys

SQL File 8

Limit to 1000 rows

```
1 CREATE DATABASE BOOKSSDB;
2 USE BOOKSSDB;
3 CREATE TABLE BOOKS (ID INT PRIMARY KEY, TITLE VARCHAR(100), AUTHOR VARCHAR(100), GENERE VARCHAR(50), PUBLICATION_YEAR INT, PRICE DECIMAL(10,2));
4 INSERT INTO BOOKS VALUES(1, 'PADMAVATHI CHARITRAM', 'MADHAVIAH', 'JULES', 2009, 18.55);
5 INSERT INTO BOOKS VALUES(2, 'BARBARA REEVES', 'INDIRA ANANTHAKRISHNAN', 'EDUCATION', 2011, 14.88);
6 INSERT INTO BOOKS VALUES(3, 'RS AGGARWAL', 'LATHA', 'STORY', 2018, 20.85);
7 INSERT INTO BOOKS VALUES(4, 'INDIAN CONSTITUTION', 'DR AMBEDKHAR', 'RULES', 1950, 22.88);
8 INSERT INTO BOOKS VALUES(5, 'MCRSD', 'DR SARAVANAKUMAR', 'TECHNICAL', 2017, 20.55);
9 SELECT * FROM BOOKS;
10 SELECT * FROM BOOKS WHERE TITLE = 'PADMAVATHI CHARITRAM';
```

Result Grid

ID	TITLE	AUTHOR	GENERE	PUBLICATION_YEAR	PRICE
1	PADMAVATHI CHARITRAM	MADHAVIAH	JULES	2009	18.55
2	BARBARA REEVES	INDIRA ANANTHAKRISHNAN	EDUCATION	2011	14.88
4	INDIAN CONSTITUTION	DR AMBEDKHAR	RULES	1950	22.88
5	MCRSD	DR SARAVANAKUMAR	TECHNICAL	2017	20.55

Administration Schemas

Information

No object selected

BOOKS 6 x

Apply Revert Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
26	02:31:47	SELECT * FROM BOOKS WHERE TITLE = 'PADMAVATHI CHARITRAM' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
27	02:32:33	UPDATE BOOKS SET PRICE = 22.88 WHERE TITLE = 'INDIAN CONSTITUTION'	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
28	02:32:47	SELECT * FROM BOOKS WHERE TITLE = 'PADMAVATHI CHARITRAM' LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
29	02:34:23	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
30	02:36:36	DELETE FROM BOOKS WHERE TITLE = 'RS AGGARWAL'	1 row(s) affected	0.094 sec
31	02:36:52	SELECT * FROM BOOKS LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Type here to search

2:37 AM 7/4/2023