

CREATE DATABASE BOOKSDB;

USE BOOKSDB;

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,'Alice in Wonderland','Lewis Carrol ','ACTION', 1847 , 19.88);

INSERT INTO BOOKS VALUES(2,'Around the World in eighty days',' Jules Verne', 'MYSTERY', 1952 , 14.88);

INSERT INTO BOOKS VALUES(3,'Anna Karenina',' Leo Tolstoy', 'THIRLLER', 1941 , 20.88);

INSERT INTO BOOKS VALUES(4,'Arms and the Man','G.B.Shaw','COMEDY', 2000, 21.85);

INSERT INTO BOOKS VALUES(5,'Pride and Prejudice', 'Jane Austen', 'FANTASY', 2002, 21.88);

SELECT *FROM BOOKS;

The screenshot displays the MySQL Workbench interface. The 'Query Editor' on the left contains the following SQL script:

```
1 CREATE DATABASE BOOKSDB;
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8 INSERT INTO BOOKS VALUES(5,'Pride and Prejudice', 'Jane Austen', 'FANTASY', 2002, 21.88);
9 SELECT *FROM BOOKS;
10 SELECT *FROM BOOKS WHERE TITLE = 'Alice in Wonderland';
```

The 'Result Grid' on the right shows the output of the queries. The first query (SELECT *FROM BOOKS) returns 5 rows of data:

ID	TITLE	AUTHOR	GENERE	PUBLICATION_YEAR	PRICE
1	Alice in Wonderland	Lewis Carrol	ACTION	1847	19.88
2	Around the World in eighty days	Jules Verne	MYSTERY	1952	14.88
4	Arms and the Man	G.B.Shaw	COMEDY	2000	17.88
5	Pride and Prejudice	Jane Austen	FANTASY	2002	21.88

The second query (SELECT *FROM BOOKS WHERE TITLE = 'Alice in Wonderland') returns 1 row of data:

ID	TITLE	AUTHOR	GENERE	PUBLICATION_YEAR	PRICE
1	Alice in Wonderland	Lewis Carrol	ACTION	1847	19.88

The 'Output' pane at the bottom shows the execution log with the following messages:

- 132 19:16:26 UPDATE BOOKS SET PRICE =17.88 WHERE TITLE = 'Arms and the man' 1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0 0.000 sec
- 133 19:16:46 DELETE FROM BOOKS WHERE TITLE = 'Anna karenina' 1 row(s) affected 0.000 sec
- 134 19:17:04 SELECT *FROM BOOKS LIMIT 0, 1000 4 row(s) returned 0.000 sec / 0.000 sec

SELECT *FROM BOOKS WHERE TITLE ='Alice in Wonderland';

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4 INSERT INTO BOOKS VALUES(1,'Alice in Wonderland','Lewis Carroll','ACTION',1847,19.88);
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8 INSERT INTO BOOKS VALUES(5,'Pride and Prejudice','Jane Austen','FANTASY',2002,21.88);
9 SELECT *FROM BOOKS;
10 SELECT *FROM BOOKS WHERE TITLE ='Alice in Wonderland';

```

The Result Grid shows the output of the last query:

ID	TITLE	AUTHOR	GENRE	PUBLICATION_YEAR	PRICE
1	Alice in Wonderland	Lewis Carroll	ACTION	1847	19.88

The Output tab shows the execution log:

#	Time	Action	Message	Duration / Fetch
145	19:29:20	INSERT INTO BOOKS VALUES('Pride and Prejudice','Jane Austen','FANTASY',2002,21.88)	1 row(s) affected	0.000 sec
146	19:29:43	SELECT *FROM BOOKS LIMIT 0.1000	5 row(s) returned	0.000 sec / 0.000 sec
147	19:33:32	SELECT *FROM BOOKS WHERE TITLE ='Alice in Wonderland' LIMIT 0.1000	1 row(s) returned	0.000 sec / 0.000 sec

UPDATE BOOKS SET PRICE =17.88 WHERE TITLE = 'Arms and the man';

The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL code:

```

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9 SELECT *FROM BOOKS;
10 SELECT *FROM BOOKS WHERE TITLE ='Alice in Wonderland';
11 UPDATE BOOKS SET PRICE =17.88 WHERE TITLE = 'Arms and the man';

```

The Result Grid shows the output of the last query:

ID	TITLE	AUTHOR	GENRE	PUBLICATION_YEAR	PRICE
1	Alice in Wonderland	Lewis Carroll	ACTION	1847	19.88
2	Around the World in eighty days	Jules Verne	MYSTERY	1952	14.88
3	Anna Karenina	Leo Tolstoy	THRILLER	1941	20.88
4	Arms and the Man	G.B.Shaw	COMEDY	2000	17.88
5	Pride and Prejudice	Jane Austen	FANTASY	2002	21.88

The Output tab shows the execution log:

#	Time	Action	Message	Duration / Fetch
148	19:36:48	UPDATE BOOKS SET PRICE =17.88 WHERE TITLE ='Arms and the man'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.063 sec
149	19:36:50	UPDATE BOOKS SET PRICE =17.88 WHERE TITLE ='Arms and the man'	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.000 sec
150	19:36:56	SELECT *FROM BOOKS LIMIT 0.1000	5 row(s) returned	0.000 sec / 0.000 sec

DELETE FROM BOOKS WHERE TITLE ='Anna karenina';

MySQL Workbench

Local instance MySQL80 x

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SCHEMAS

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9 • SELECT *FROM BOOKS;

10 • SELECT *FROM BOOKS WHERE TITLE ='Alice in Wonderland';

Result Grid

ID	TITLE	AUTHOR	GENRE	PUBLICATION_YEAR	PRICE
1	Alice in Wonderland	Lewis Carroll	ACTION	1847	19.88
2	Around the World in eighty days	Jules Verne	MYSTERY	1952	14.88
4	Arms and the Man	G.B.Shaw	COMEDY	2000	17.88
5	Pride and Prejudice	Jane Austen	FANTASY	2002	21.88

Administration Schemas

Information

No object selected

BOOKS 10 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
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133	19:16:46	DELETE FROM BOOKS WHERE TITLE ='Anna karenina'	1 row(s) affected	0.000 sec
134	19:17:04	SELECT *FROM BOOKS LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

26°C Cloudy

Search

ENG IN

19:17 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.