

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', 2021 ,19.88);

INSERT INTO BOOKS VALUES(2,'Arms and the Man','G.B.Shaw','COMEDY',2001,21.85);

INSERT INTO BOOKS VALUES(3,'Around the World in eighty days','Jules verve','MYSTERY',2004,21.88);

INSERT INTO BOOKS VALUES(4,'pride and prejudice','Jane Austen','FANTASY',2001,21.85);

INSERT INTO BOOKS VALUES(5,'Anna karenina','Leo Tolstoy','THRILLER',2020,18.85);

SELECT *FROM BOOKS;

The screenshot shows the MySQL Workbench interface. The 'Query Editor' contains the following SQL script:

```
1 CREATE DATABASE BOOKSDB;
2 USE BOOKSDB;
3 CREATE TABLE BOOKS (ID INT PRIMARY KEY,TITLE VARCHAR(100),AUTHOR VARCHAR(100),GENERE VARCHAR(50),PUBLICATION_YEAR INT,PRICE DECIMAL(8,2));
4 INSERT INTO BOOKS VALUES(1,'Alice in Wonderland','Lewis carrol ','ACTION', 2021 ,19.88);
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6 INSERT INTO BOOKS VALUES(3,'Around the World in eighty days','Jules verve','MYSTERY',2004,21.88);
7 INSERT INTO BOOKS VALUES(4,'pride and prejudice','Jane Austen','FANTASY',2001,21.85);
8 INSERT INTO BOOKS VALUES(5,'Anna karenina','Leo Tolstoy','THRILLER',2020,18.85);
9 SELECT *FROM BOOKS;
10 SELECT *FROM BOOKS WHERE TITLE = 'Alice in Wonderland';
```

The 'Result Grid' displays the data for the first query (SELECT *FROM BOOKS):

ID	TITLE	AUTHOR	GENERE	PUBLICATION_YEAR	PRICE
1	Alice in Wonderland	Lewis carrol	ACTION	2021	19.88
2	Arms and the Man	G.B.Shaw	COMEDY	2001	21.85
3	Around the World in eighty days	Jules verve	MYSTERY	2004	21.88
4	pride and prejudice	Jane Austen	FANTASY	2001	21.85
5	Anna karenina	Leo Tolstoy	THRILLER	2020	18.85

The 'Output' pane at the bottom shows the execution log:

#	Time	Action	Message	Duration / Fetch
159	21:22:03	INSERT INTO BOOKS VALUES(4,'pride and prejudice','Jane Austen','FANTASY',2001,21.85)	1 row(s) affected	0.016 sec
160	21:22:03	INSERT INTO BOOKS VALUES(5,'Anna karenina','Leo Tolstoy','THRILLER',2020,18.85)	1 row(s) affected	0.000 sec
161	21:22:12	SELECT *FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.015 sec / 0.016 sec

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

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

```

1  USE BOOKSDB;
2  CREATE TABLE BOOKS (ID INT PRIMARY KEY,TITLE VARCHAR(100),AUTHOR VARCHAR(100),GENRE VARCHAR(50),PUBLICATION_YEAR INT,PRICE DECIMAL(8,2));
3  INSERT INTO BOOKS VALUES(1,'Alice in Wonderland','Lewis carrol ','ACTION', 2021 ,19.88);
4  INSERT INTO BOOKS VALUES(2,'Arms and the Man','G.B.Shaw','COMEDY',2001,21.85);
5  INSERT INTO BOOKS VALUES(3,'Around the World in eighty days','Jules verve','MYSTERY',2004,21.88);
6  INSERT INTO BOOKS VALUES(4,'pride and prejudice','Jane Austen','FANTASY',2001,21.85);
7  INSERT INTO BOOKS VALUES(5,'Anna karenina','Leo Tolstoy','THRILLER',2020,18.85);
8  SELECT *FROM BOOKS;
9  SELECT *FROM BOOKS WHERE TITLE ='Alice in Wonderland';
10 UPDATE BOOKS SET PRICE =21.85 WHERE TITLE = 'Arms and the man';

```

The Result Grid shows the output of the query:

ID	TITLE	AUTHOR	GENRE	PUBLICATION_YEAR	PRICE
1	Alice in Wonderland	Lewis carrol	ACTION	2021	19.88

The Output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
160	21:22:03	INSERT INTO BOOKS VALUES(5,'Anna karenina','Leo Tolstoy','THRILLER',2020,18.85)	1 row(s) affected	0.000 sec
161	21:22:12	SELECT *FROM BOOKS LIMIT 0.1000	5 row(s) returned	0.015 sec / 0.016 sec
162	21:22:28	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 =21.85 WHERE TITLE = 'Arms and the man';

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

```

1  CREATE DATABASE BOOKSDB;
2  USE BOOKSDB;
3  CREATE TABLE BOOKS (ID INT PRIMARY KEY,TITLE VARCHAR(100),AUTHOR VARCHAR(100),GENRE VARCHAR(50),PUBLICATION_YEAR INT,PRICE DECIMAL(8,2));
4  INSERT INTO BOOKS VALUES(1,'Alice in Wonderland','Lewis carrol ','ACTION', 2021 ,19.88);
5  INSERT INTO BOOKS VALUES(2,'Arms and the Man','G.B.Shaw','COMEDY',2001,21.85);
6  INSERT INTO BOOKS VALUES(3,'Around the World in eighty days','Jules verve','MYSTERY',2004,21.88);
7  INSERT INTO BOOKS VALUES(4,'pride and prejudice','Jane Austen','FANTASY',2001,21.85);
8  INSERT INTO BOOKS VALUES(5,'Anna karenina','Leo Tolstoy','THRILLER',2020,18.85);
9  SELECT *FROM BOOKS;
10 SELECT *FROM BOOKS WHERE TITLE ='Alice in Wonderland';

```

The Result Grid shows the output of the query:

ID	TITLE	AUTHOR	GENRE	PUBLICATION_YEAR	PRICE
1	Alice in Wonderland	Lewis carrol	ACTION	2021	19.88
2	Arms and the Man	G.B.Shaw	COMEDY	2001	21.85
3	Around the World in eighty days	Jules verve	MYSTERY	2004	21.88
4	pride and prejudice	Jane Austen	FANTASY	2001	21.85
5	Anna karenina	Leo Tolstoy	THRILLER	2020	18.85

The Output pane shows the execution log:

#	Time	Action	Message	Duration / Fetch
162	21:22:28	SELECT *FROM BOOKS WHERE TITLE ='Alice in Wonderland' LIMIT 0.1000	1 row(s) returned	0.000 sec / 0.000 sec
163	21:22:39	UPDATE BOOKS SET PRICE =21.85 WHERE TITLE = 'Arms and the man'	0 row(s) affected Rows matched: 1 Changed: 0 Warnings: 0	0.016 sec
164	21:22:44	SELECT *FROM BOOKS LIMIT 0.1000	5 row(s) returned	0.000 sec / 0.000 sec

DELETE FROM BOOKS WHERE TITLE ='Around the World in eighty days';

The screenshot displays the MySQL Workbench interface. The main window shows a SQL query in the 'Query' tab. The query is as follows:

```
1 CREATE DATABASE BOOKSD8;
2 USE BOOKSD8;
3 CREATE TABLE BOOKS (ID INT PRIMARY KEY,TITLE VARCHAR(100),AUTHOR VARCHAR(100),GENRE VARCHAR(50),PUBLICATION_YEAR INT,PRICE DECIMAL(8,2));
4 INSERT INTO BOOKS VALUES(1,'Alice in Wonderland','Lewis carrol ','ACTION', 2021 ,19.88);
5 INSERT INTO BOOKS VALUES(2,'Arms and the Man','G.B.Shaw','COMEDY',2001,21.85);
6 INSERT INTO BOOKS VALUES(3,'Around the World in eighty days','Jules verne','MYSTERY',2004,21.88);
7 INSERT INTO BOOKS VALUES(4,'pride and prejudice','Jane Austen','FANTASY',2001,21.85);
8 INSERT INTO BOOKS VALUES(5,'Anna karenina','Leo Tolstoy','THRILLER',2020,18.85);
9 SELECT *FROM BOOKS;
10 SELECT *FROM BOOKS WHERE TITLE ='Alice in Wonderland';
```

The 'Result Grid' shows the output of the last query, displaying 5 rows of book data:

ID	TITLE	AUTHOR	GENRE	PUBLICATION_YEAR	PRICE
1	Alice in Wonderland	Lewis carrol	ACTION	2021	19.88
2	Arms and the Man	G.B.Shaw	COMEDY	2001	21.85
4	pride and prejudice	Jane Austen	FANTASY	2001	21.85
5	Anna karenina	Leo Tolstoy	THRILLER	2020	18.85

The 'Output' tab at the bottom shows the execution log with the following entries:

#	Time	Action	Message	Duration / Fetch
164	21:22:44	SELECT *FROM BOOKS LIMIT 0. 1000	5 row(s) returned	0.000 sec / 0.000 sec
165	21:22:57	DELETE FROM BOOKS WHERE TITLE ='Around the World in eighty days'	1 row(s) affected	0.000 sec
166	21:23:03	SELECT *FROM BOOKS LIMIT 0. 1000	4 row(s) returned	0.000 sec / 0.000 sec