

CREATE DATABASE Book;

USE Book;

CREATE TABLE BOOKS (ID INT PRIMARY KEY , TITLE VARCHAR (50),AUTHOR VARCHAR(50),GENRE VARCHAR(50),PUBLICATION INT,PRICE INT);

INSERT INTO BOOKS VALUES (1, "The ADVENTURES OF HUCHLEBERRY FINN", "MARK TWAIN", "ADVENTURE", 1884, 1299);

INSERT INTO BOOKS VALUES (2, "TO KILL A MOCKINGBIRD", "HARPER LEE", "SOUTHERN GOTHIC BILDUNGSROMAN", 1960, 119);

INSERT INTO BOOKS VALUES (3, "THE GREAT GATSBY", "SCOTT FITZGERALD", "TREGEDY", 1925, 109);

INSERT INTO BOOKS VALUES (4, "The LORD OF THE FILES", "WILLIAM GOLDING", "ALLEGORICAL NOVAL", 1954, 274);

INSERT INTO BOOKS VALUES (5, "The HOBBIT", "JOHN RONALD REUEL TOLKIEN", "HIGH FANTASY", 1037, 384);

SELECT * FROM BOOKS;

The screenshot displays the MySQL Workbench interface. The 'Query 1' editor contains the following SQL script:

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3 • CREATE TABLE BOOKS (ID INT PRIMARY KEY,TITLE VARCHAR(50),AUTHOR VARCHAR(50),GENRE VARCHAR(50),PUBLICATION INT,PRICE INT);
4 • INSERT INTO BOOKS VALUES (1, "The ADVENTURES OF HUCHLEBERRY FINN", "MARK TWAIN", "ADVENTURE", 1884, 1299);
5 • INSERT INTO BOOKS VALUES (2, "TO KILL A MOCKINGBIRD", "HARPER LEE", "SOUTHERN GOTHIC BILDUNGSROMAN", 1960, 119);
6 • INSERT INTO BOOKS VALUES (3, "THE GREAT GATSBY", "SCOTT FITZGERALD", "TREGEDY", 1925, 109);
7 • INSERT INTO BOOKS VALUES (4, "The LORD OF THE FILES", "WILLIAM GOLDING", "ALLEGORICAL NOVAL", 1954, 274);
8 • INSERT INTO BOOKS VALUES (5, "The HOBBIT", "JOHN RONALD REUEL TOLKIEN", "HIGH FANTASY", 1037, 384);
9 • SELECT * FROM BOOKS;
```

The 'Result Grid' shows the output of the SELECT query:

ID	TITLE	AUTHOR	GENRE	PUBLICATION	PRICE
1	The ADVENTURES OF HUCHLEBERRY FINN	MARK TWAIN	ADVENTURE	1884	1299
2	TO KILL A MOCKINGBIRD	HARPER LEE	SOUTHERN GOTHIC BILDUNGSROMAN	1960	119
3	THE GREAT GATSBY	SCOTT FITZGERALD	TREGEDY	1925	109
4	The LORD OF THE FILES	WILLIAM GOLDING	ALLEGORICAL NOVAL	1954	274
5	The HOBBIT	JOHN RONALD REUEL TOLKIEN	HIGH FANTASY	1037	384

The 'Action Output' pane at the bottom provides a log of the executed queries and their results:

#	Time	Action	Message	Duration / Fetch
25	21:18:55	SELECT * FROM BOOKS LIMIT 0, 1000	2 row(s) returned	0.000 sec / 0.000 sec
26	21:19:19	INSERT INTO BOOKS VALUES (3, "THE GREAT GATSBY", "SCOTT FITZGERALD", "TREGEDY", 1925, 1...	1 row(s) affected	0.016 sec
27	21:19:23	INSERT INTO BOOKS VALUES (4, "The LORD OF THE FILES", "WILLIAM GOLDING", "ALLEGORICAL NO...	1 row(s) affected	0.000 sec
28	21:19:28	INSERT INTO BOOKS VALUES (5, "The HOBBIT", "JOHN RONALD REUEL TOLKIEN", "HIGH FANTASY", ...	1 row(s) affected	0.015 sec
29	21:19:31	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
30	21:19:31	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

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INSERT INTO BOOKS VALUES (5, "The HOBBIT", "JOHN RONALD REUEL TOLKIEN", "HIGH FANTASY", 1037, 384);

SELECT * FROM BOOKS;

SELECT * FROM BOOKS WHERE TITLE = "THE ADVENTURES OF HUCHLEBERRY FINN";

The screenshot displays the MySQL Workbench interface. The 'Query' tab shows a series of SQL commands: creating a database, using it, creating a table with columns ID, TITLE, AUTHOR, GENRE, PUBLICATION, and PRICE, and inserting five rows of book data. The 'Result Grid' tab shows the output of the final query, displaying a table with 5 rows and 6 columns. The 'Output' tab shows the execution log with timestamps and messages for each query step.

ID	TITLE	AUTHOR	GENRE	PUBLICATION	PRICE
1	The ADVENTURES OF HUCHLEBERRY FINN	MARK TWAIN	ADVENTURE	1884	1299
2	TO KILL A MOCKINGBIRD	HARPER LEE	SOUTHERN GOTHIC BILDUNGSROMAN	1960	119
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Output Log:

#	Time	Action	Message	Duration / Fetch
29	21:19:31	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
30	21:19:31	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
31	21:28:39	SELECT * FROM BOOKS WHERE TITLE = "THE ADVENTURES OF HUCHLEBERRY FINN" LIMIT 0, 1000	1 row(s) returned	0.016 sec / 0.000 sec
32	21:29:53	SELECT * FROM BOOKS LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

