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Once upon a time, in a small town called SQLville, there was a renowned bookstore named "Books & Bytes." The store had a vast collection of books, ranging from classic literature to modern technology.

As part of their college curriculum, the students of SQLville University were tasked with learning the basics of MySQL and database management. To make the learning experience more interactive and practical, the bookstore decided to collaborate with the university and create a hands-on assignment for the students.

Assignment:

You are a student studying computer science at SQLville University, and you have recently started your journey into the world of databases and SQL. The assignment given to you by "Books & Bytes" is as follows:

Create a database named "BooksDB" to store information about the bookstore's collection of books.

Design a table called "Books" to store the details of each book, including the book's title, author, genre, publication year, and price.

Insert at least five books into the "Books" table, ensuring that each book has unique information for all columns.

Write SQL queries to perform the following tasks:

- a. Retrieve all the books from the database.
- b. Retrieve the details of a book based on its title.
- c. Update the price of a book.
- d. Delete a book from the database based on its title.

Your task is to complete the assignment by writing the required SQL queries and demonstrating your understanding of basic MySQL concepts.

Good luck with your assignment, and may your SQL skills shine brightly in the realm of databases!

```
CREATE DATABASE BooksDB
```

```
USE BooksDB;
```

```
CREATE TABLE Books(
```

```
ID int primary key,
```

```
Book varchar(30),
```

```
Author varchar(20),
```

```
Genre varchar(20),
```

```
Publication INT (4),
```

```
Price decimal (5,2)
```

```
);
```

```
DESCRIBE Books;
```

```
INSERT INTO Books VALUES(1,"INHERITANCE","DARWIN","GENETICS",1997,150.20);
```

```
INSERT INTO Books VALUES(2,"BALANCE","NARAYANAN","ECONOMICS",1999,550.20);
```

```
INSERT INTO Books VALUES(3,"PHOENIX","HARRY","AUTOBIOGRAPHY",1956,999.20);
```

```
INSERT INTO Books VALUES(4,"THE FREEDOM","HITLER","HISTORY",1950,789.20);
```

```
INSERT INTO Books VALUES(5,"NIGHT OF THE NEW YEAR","JOLE","HORROR",2000,680.20);
```

```
SELECT * FROM Books;
```

```
SELECT * FROM Books WHERE Book = "BALANCE" ;
```

```
UPDATE Books SET Price =999.99 WHERE Book = "INHERITANCE";
```

```
SELECT * FROM Books;
```

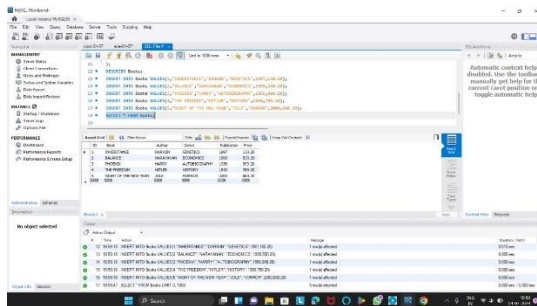
```
DELETE FROM Books WHERE Book = "BALANCE";
```

```
SELECT * FROM Books;
```

Write SQL queries to perform the following tasks:

- a. Retrieve all the books from the database.

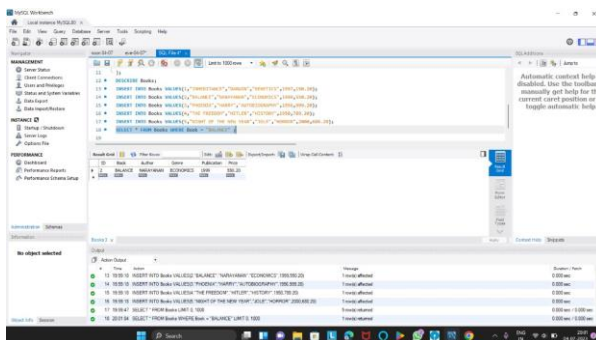
SELECT * FROM Books;



Book ID	Book Author	Book Title	Book Price	Book Height
1	HERSCHEL	HERSCHEL	200	200
2	HERSCHEL	HERSCHEL	200	200
3	HERSCHEL	HERSCHEL	200	200
4	HERSCHEL	HERSCHEL	200	200
5	HERSCHEL	HERSCHEL	200	200
6	HERSCHEL	HERSCHEL	200	200
7	HERSCHEL	HERSCHEL	200	200
8	HERSCHEL	HERSCHEL	200	200
9	HERSCHEL	HERSCHEL	200	200
10	HERSCHEL	HERSCHEL	200	200

- b. Retrieve the details of a book based on its title.

SELECT * FROM Books WHERE Book = "BALANCE" ;

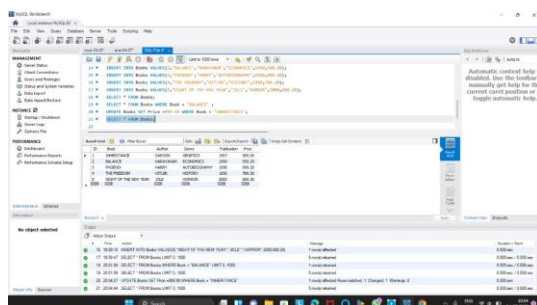


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4	HERSCHEL	HERSCHEL	200	200
5	HERSCHEL	HERSCHEL	200	200
6	HERSCHEL	HERSCHEL	200	200
7	HERSCHEL	HERSCHEL	200	200
8	HERSCHEL	HERSCHEL	200	200
9	HERSCHEL	HERSCHEL	200	200
10	HERSCHEL	HERSCHEL	200	200

- c. Update the price of a book.

UPDATE Books SET Price =999.99 WHERE Book = "INHERITANCE";

SELECT * FROM Books;



Book ID	Book Author	Book Title	Book Price	Book Height
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2	HERSCHEL	HERSCHEL	200	200
3	HERSCHEL	HERSCHEL	200	200
4	HERSCHEL	HERSCHEL	200	200
5	HERSCHEL	HERSCHEL	200	200
6	HERSCHEL	HERSCHEL	200	200
7	HERSCHEL	HERSCHEL	200	200
8	HERSCHEL	HERSCHEL	200	200
9	HERSCHEL	HERSCHEL	200	200
10	HERSCHEL	HERSCHEL	200	200

- d. Delete a book from the database based on its title.

```
DELETE FROM Books WHERE Book = "BALANCE";  
SELECT * FROM Books;
```

