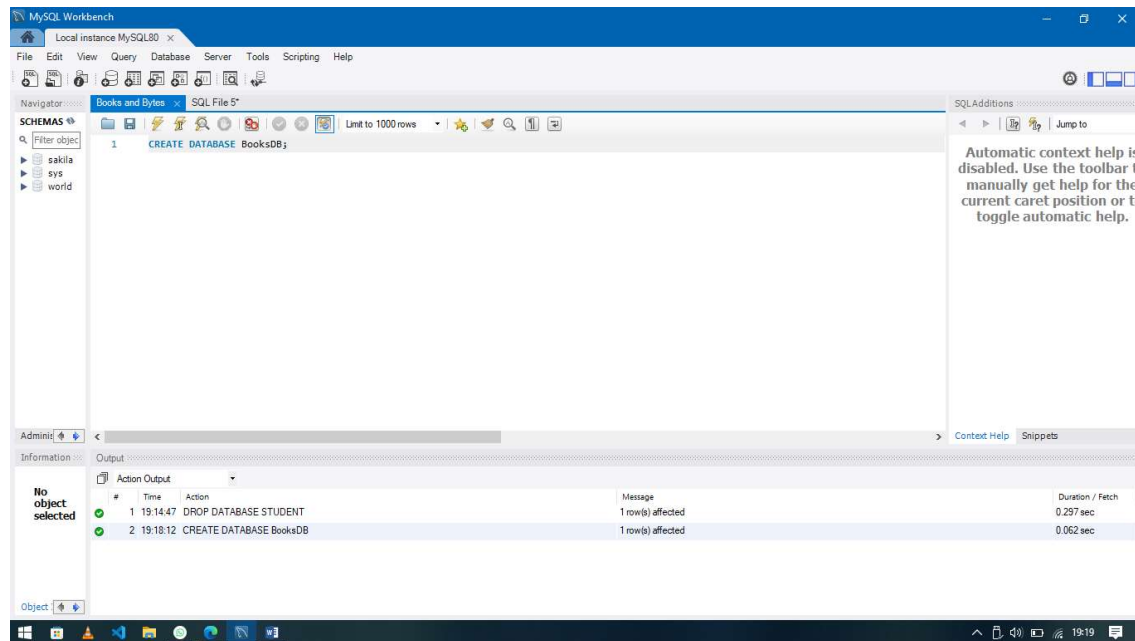


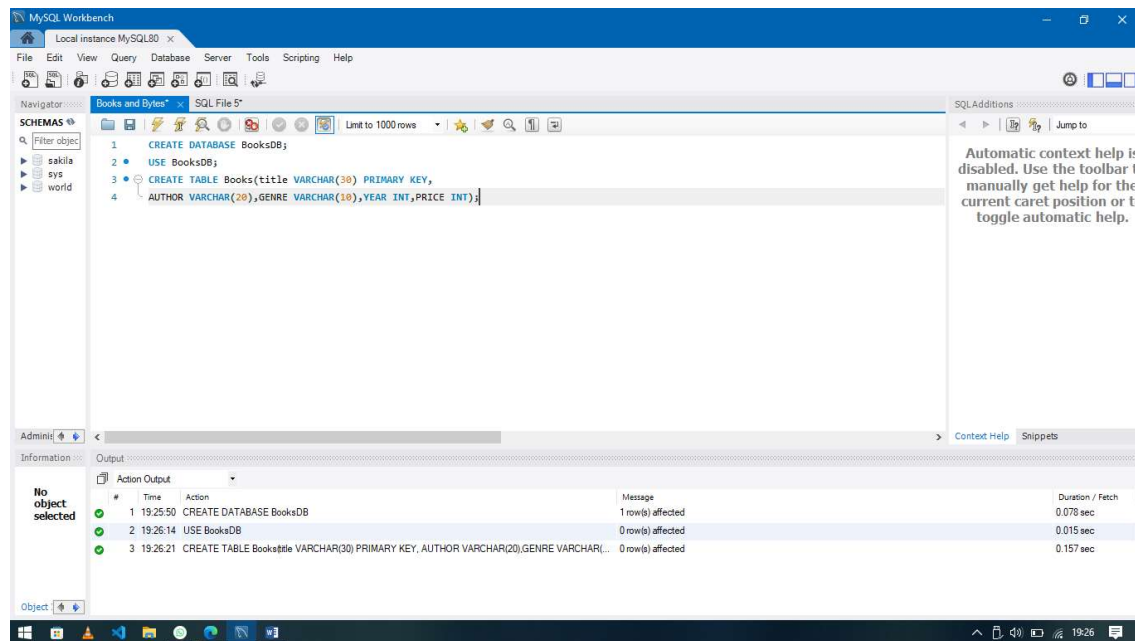
CREATE DATABASE BooksDB;



USE BooksDB;

CREATE TABLE Books(title VARCHAR(30) PRIMARY KEY,

AUTHOR VARCHAR(20),GENRE VARCHAR(10),YEAR INT,PRICE INT);



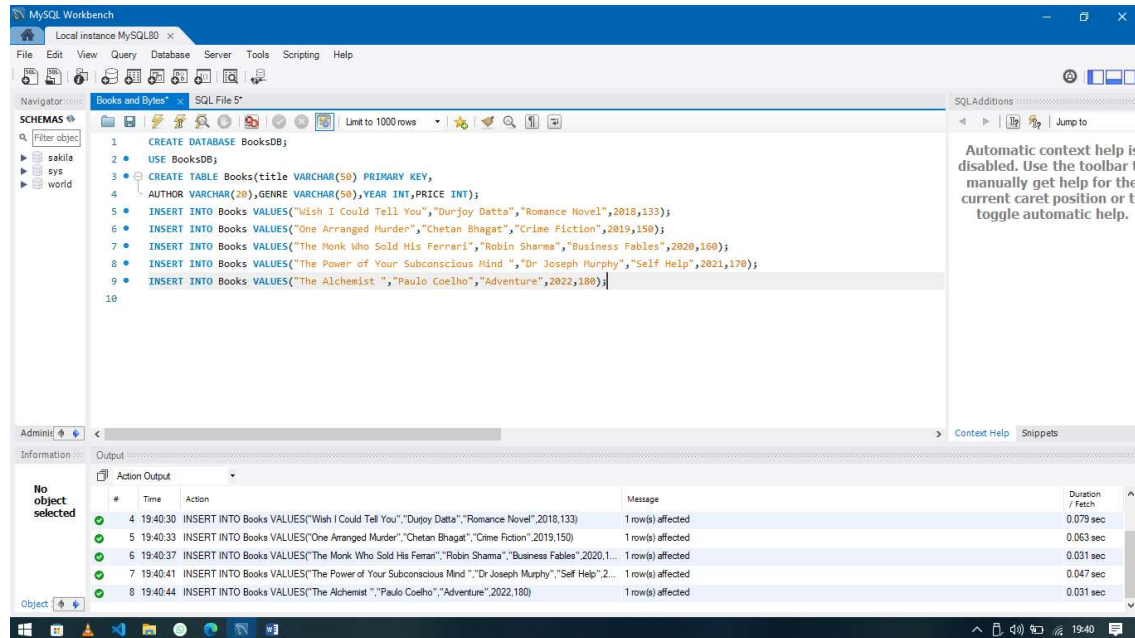
INSERT INTO Books VALUES("Wish I Could Tell You","Durjoy Datta","Romance Novel",2018,133);

INSERT INTO Books VALUES("One Arranged Murder","Chetan Bhagat","Crime Fiction",2019,150);

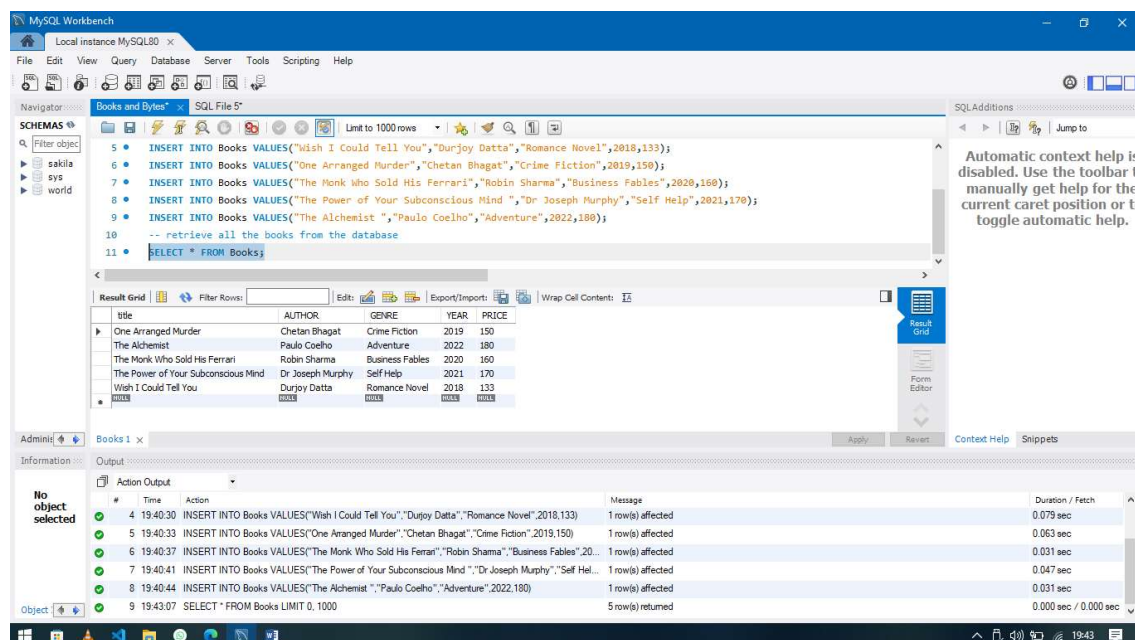
INSERT INTO Books VALUES("The Monk Who Sold His Ferrari","Robin Sharma","Business Fables",2020,160);

INSERT INTO Books VALUES("The Power of Your Subconscious Mind ","Dr Joseph Murphy","Self Help",2021,170);

INSERT INTO Books VALUES("The Alchemist ","Paulo Coelho","Adventure",2022,180);



- a. Retrieve all the books from the database.  
**SELECT \* FROM Books;**



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

**SELECT \* FROM Books WHERE TITLE="Wish I Could Tell You";**

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

```
5 INSERT INTO Books VALUES("Wish I Could Tell You","Durjoy Datta","Romance Novel",2018,133);
6 INSERT INTO Books VALUES("One Arranged Murder","Chetan Bhagat","Crime Fiction",2019,150);
7 INSERT INTO Books VALUES("The Monk Who Sold His Ferrari","Robin Sharma","Business Fables",2020,160);
8 INSERT INTO Books VALUES("The Power of Your Subconscious Mind","Dr Joseph Murphy","Self Help",2021,170);
9 INSERT INTO Books VALUES("The Alchemist","Paulo Coelho","Adventure",2022,180);
10 -- retrieve all the books from the database
11 SELECT * FROM Books;
12 -- retrieve the book details based on the books title
13 SELECT * FROM Books WHERE TITLE="Wish I Could Tell You";
```

The Result Grid shows the output of the last query:

title	AUTHOR	GENRE	YEAR	PRICE
Wish I Could Tell You	Durjoy Datta	Romance Novel	2018	133

The Output tab shows the execution log:

#	Time	Action	Message	Duration / Fetch
5	19:40:33	INSERT INTO Books VALUES("One Arranged Murder","Chetan Bhagat","Crime Fiction",2019,150);	1 row(s) affected	0.063 sec
6	19:40:37	INSERT INTO Books VALUES("The Monk Who Sold His Ferrari","Robin Sharma","Business Fables",2020,160);	1 row(s) affected	0.031 sec
7	19:40:41	INSERT INTO Books VALUES("The Power of Your Subconscious Mind","Dr Joseph Murphy","Self Help",2021,170);	1 row(s) affected	0.047 sec
8	19:40:44	INSERT INTO Books VALUES("The Alchemist","Paulo Coelho","Adventure",2022,180);	1 row(s) affected	0.031 sec
9	19:43:07	SELECT * FROM Books LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
10	19:45:44	SELECT * FROM Books WHERE TITLE="Wish I Could Tell You" LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec

c. Update the price of a book.

**UPDATE Books SET PRICE = 200 WHERE TITLE = "The Alchemist ";**

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

```
7 INSERT INTO Books VALUES("The Monk Who Sold His Ferrari","Robin Sharma","Business Fables",2020,160);
8 INSERT INTO Books VALUES("The Power of Your Subconscious Mind","Dr Joseph Murphy","Self Help",2021,170);
9 INSERT INTO Books VALUES("The Alchemist","Paulo Coelho","Adventure",2022,180);
10 -- retrieve all the books from the database
11 SELECT * FROM Books;
12 -- retrieve the book details based on the books title
13 SELECT * FROM Books WHERE TITLE="Wish I Could Tell You";
14 UPDATE Books SET PRICE = 200 WHERE TITLE = "The Alchemist ";
15 SELECT * FROM Books WHERE TITLE = "The Alchemist ";
```

The Result Grid shows the output of the last query:

title	AUTHOR	GENRE	YEAR	PRICE
The Alchemist	Paulo Coelho	Adventure	2022	200

The Output tab shows the execution log:

#	Time	Action	Message	Duration / Fetch
7	19:40:41	INSERT INTO Books VALUES("The Power of Your Subconscious Mind","Dr Joseph Murphy","Self Help",2021,170);	1 row(s) affected	0.047 sec
8	19:40:44	INSERT INTO Books VALUES("The Alchemist","Paulo Coelho","Adventure",2022,180);	1 row(s) affected	0.031 sec
9	19:43:07	SELECT * FROM Books LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
10	19:45:44	SELECT * FROM Books WHERE TITLE="Wish I Could Tell You" LIMIT 0, 1000	1 row(s) returned	0.015 sec / 0.000 sec
11	19:50:03	UPDATE Books SET PRICE = 200 WHERE TITLE = "The Alchemist "	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.094 sec
12	19:51:05	SELECT * FROM Books WHERE TITLE = "The Alchemist " LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec

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

**DELETE FROM Books WHERE TITLE = "The Alchemist ";**

