SQL PROJECT

create database BooksDB;

use BooksDB;

create table Books(Book\_title varchar(20),author\_name varchar(20),genre

varchar(20),publication\_year int,price int);

insert into Books values('Dream','Sam','Fantasy',2003,300);

insert into Books values('The Ghost','Alan','Horror',2000,700);

insert into Books values('Suspect','Robert','Thriller',2008,400);

insert into Books values('Hands Together','Wilson','Love',2018,1500);

insert into Books values('Adventure','Mary','Action',2013,1000);

select\*from Books;

select\*from Books where Book\_title='The Ghost';

update Books set price=500 where Book\_title='Dream';

delete from Books where Book\_title='Dream';

select AVG(price) from Books;

CREATE TABLE authors (author\_id INT PRIMARY KEY,author\_name VARCHAR(100) NOT NULL);

ALTER TABLE Books ADD COLUMN author\_id INT;

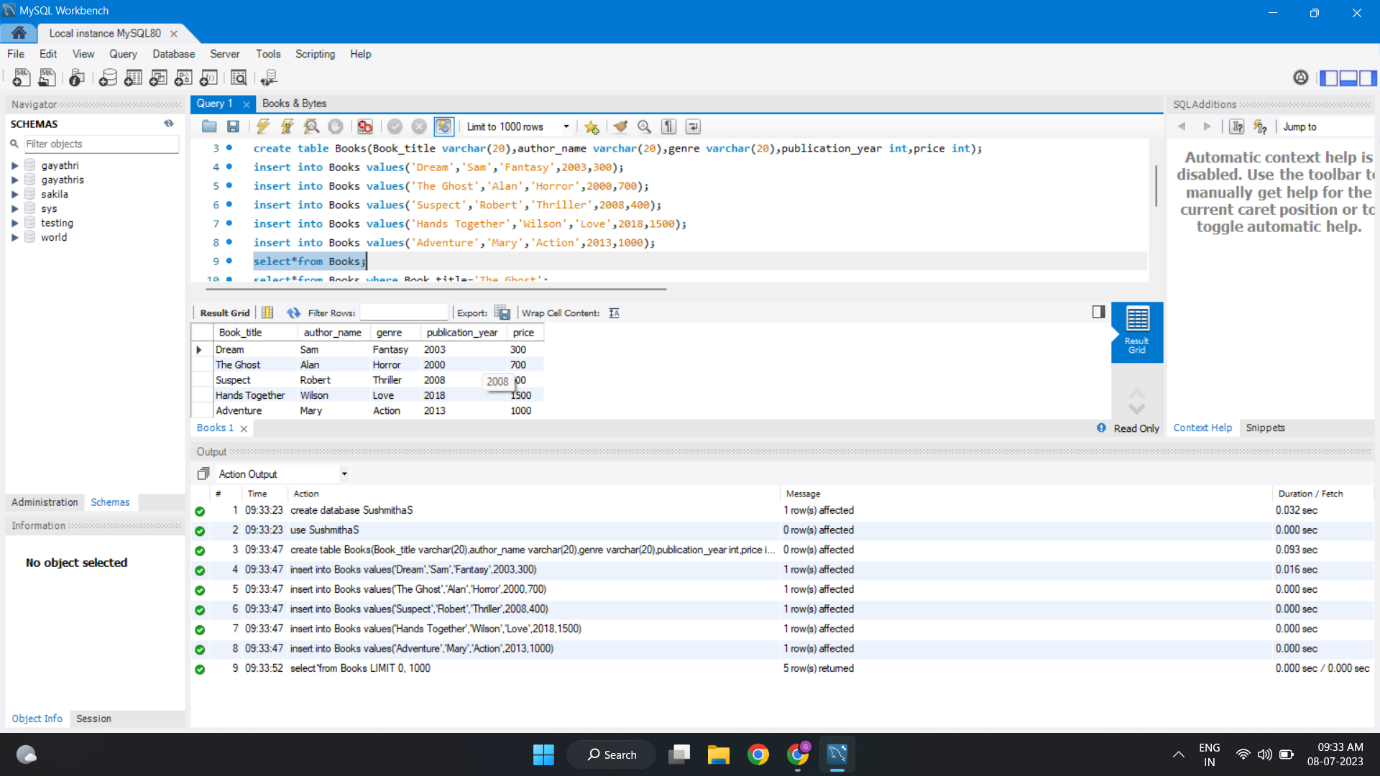
ALTER TABLE Books ADD CONSTRAINT FOREIGN KEY (author\_id)

REFERENCES authors(author\_id);

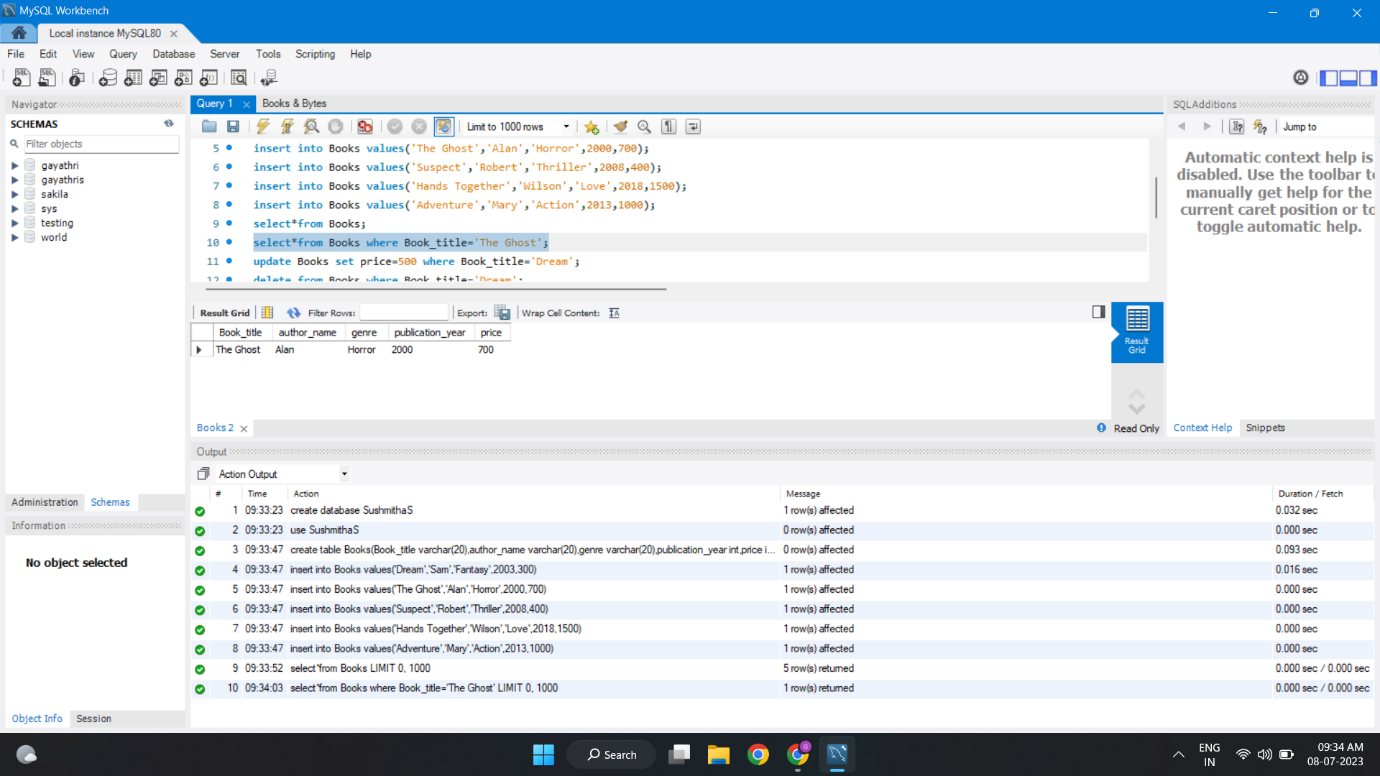
INSERT INTO authors(author\_id, author\_name)VALUES(100, 'Sam'),(101, 'Alan'),(102, 'Robert'),(103, 'Wilson'),(104, 'Mary');

select books.Book\_title,authors.author\_id from books,authors where Books.author\_name=authors.author\_name;

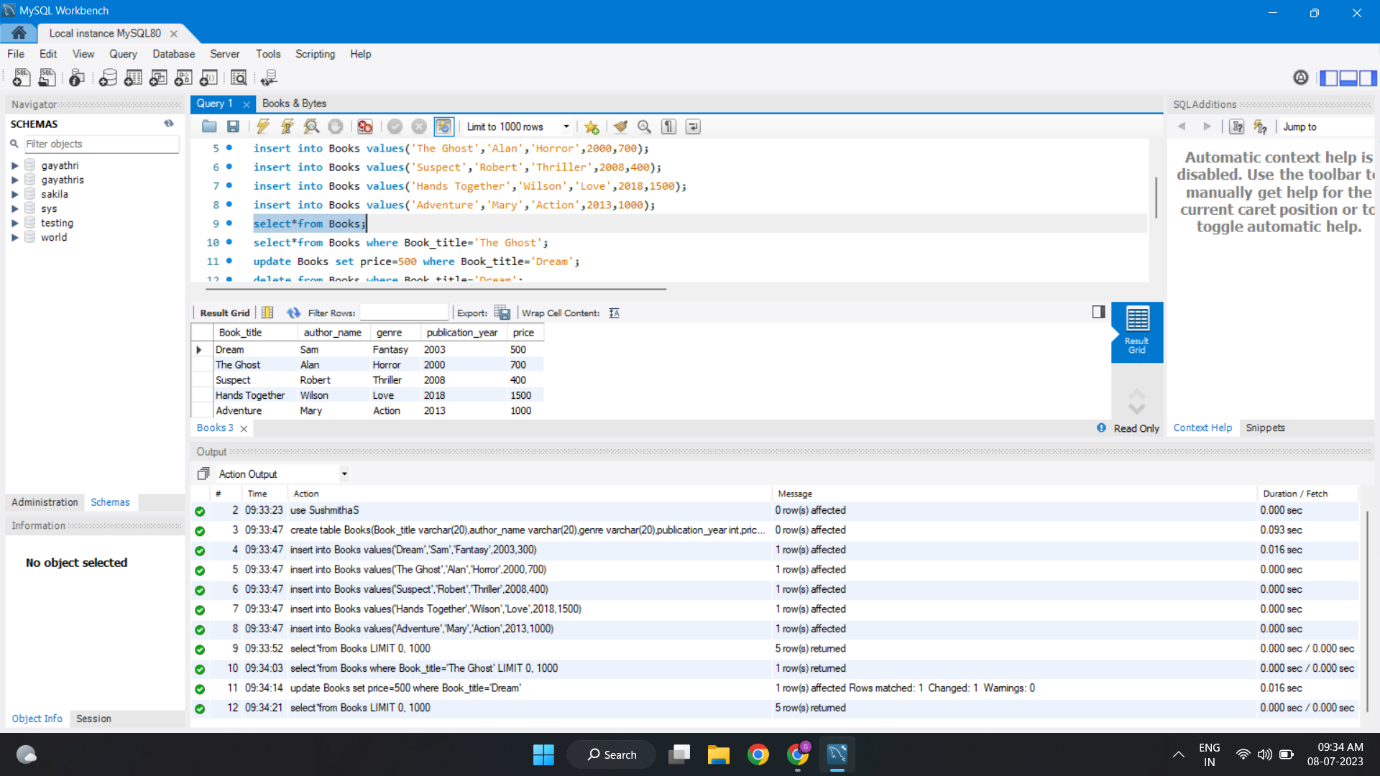
1.Retrieve all the books from the database.



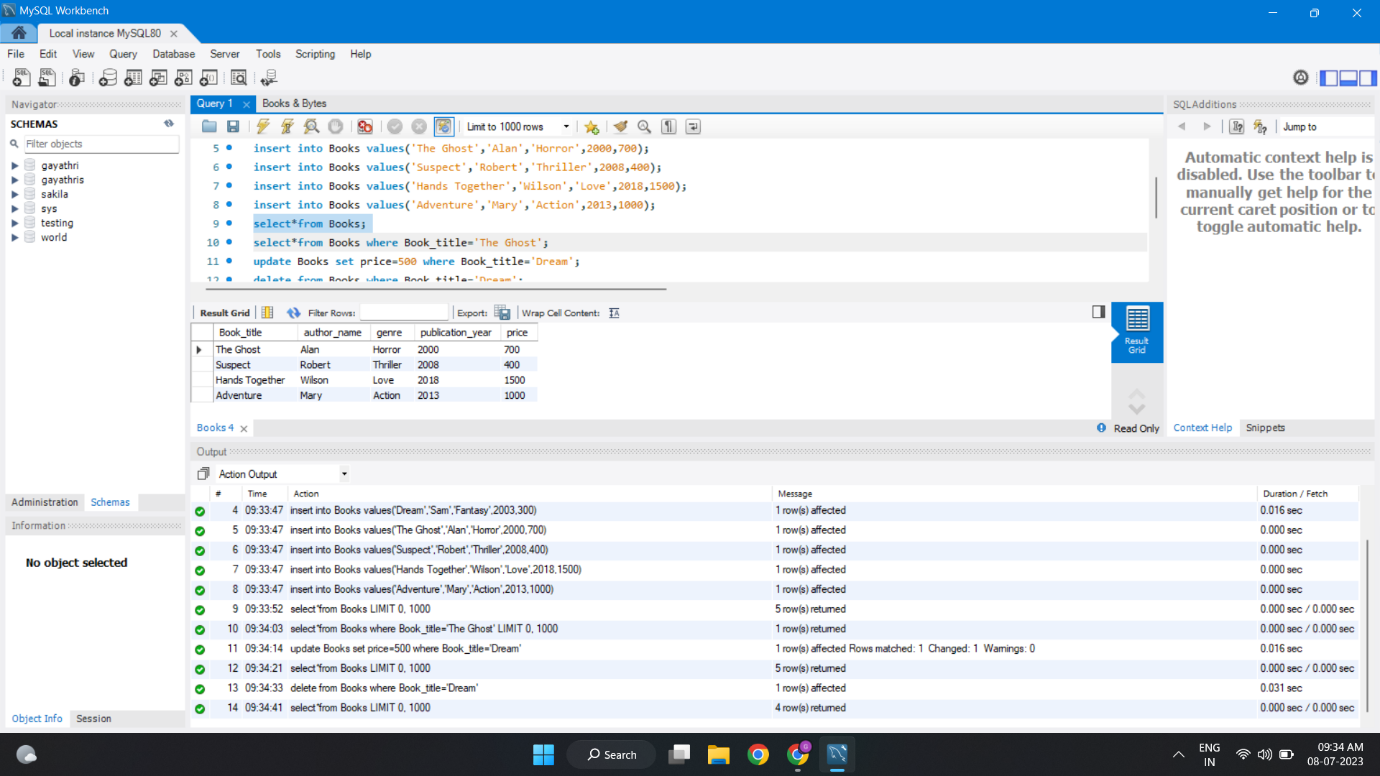
2.Retrieve the details of a book based on its title:



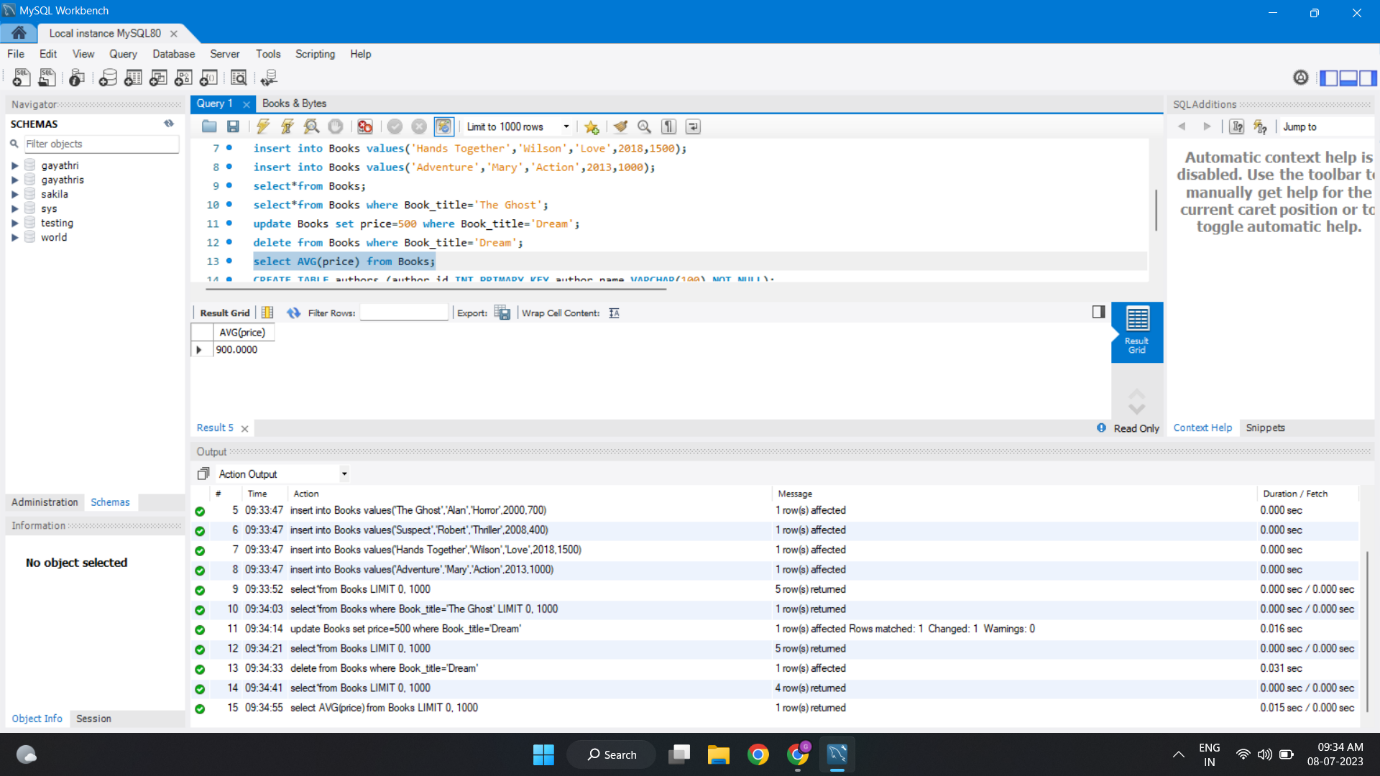
3.Update the price of a book:



4.Delete a book from the database based on its title:



5.Query to Calculate and display the average price of all the books in the database:



6. Query to retrieve books along with their respective authors:

