

- a. Retrieve all the books from the database.

PROGRAM

```
drop database booksdb;

CREATE DATABASE BOOKSDB;

USE BOOKSDB;

CREATE TABLE Books(
snO INT PRIMARY KEY,
title VARCHAR(20),
genre VARCHAR(20),
author VARCHAR(20),
publicationYear INT,
price DECIMAL(10,2)
);

DESCRIBE Books;

INSERT INTO Books VALUES(1,"the great gatsby","Story","scott",1990,400);

INSERT INTO Books VALUES(2,"miguel","comedy","Hector Garcia",1995,700);

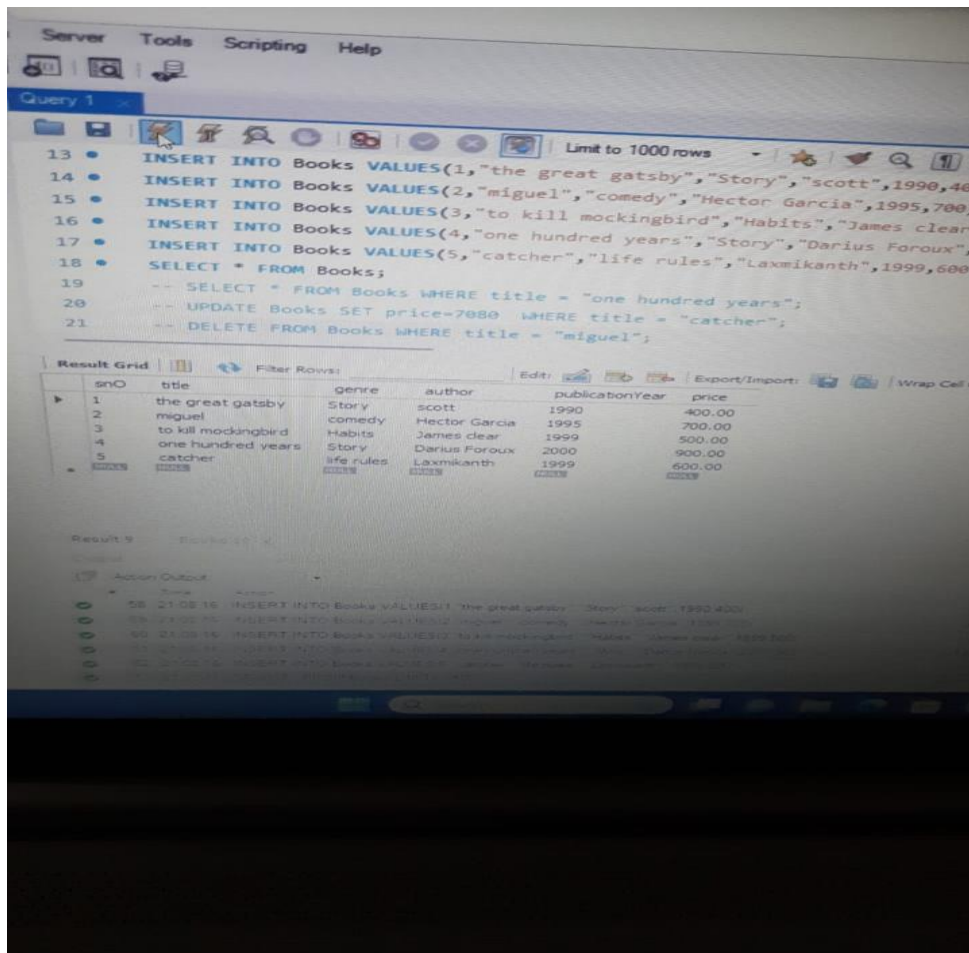
INSERT INTO Books VALUES(3,"to kill mockingbird","Habits","James
clear",1999,500);

INSERT INTO Books VALUES(4,"one hundred years","Story","Darius
Foroux",2000,900);

INSERT INTO Books VALUES(5,"catcher","life rules","Laxmikanth",1999,600);

SELECT * FROM Books WHERE title = "one hundred years";
```

OUTPUT :



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

drop database booksdb;

CREATE DATABASE BOOKSDB;

USE BOOKSDB;

CREATE TABLE Books(
sno INT PRIMARY KEY,
title VARCHAR(20),
genre VARCHAR(20),
author VARCHAR(20),
publicationYear INT,
price DECIMAL(10,2)

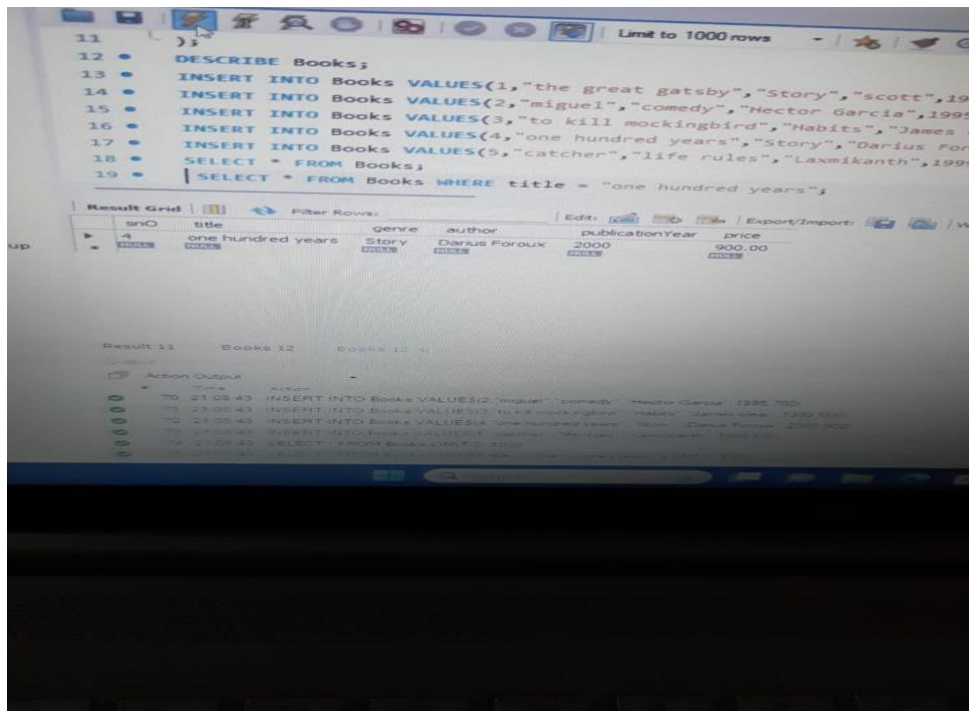
```

);
DESCRIBE Books;
INSERT INTO Books VALUES(1,"the great
gatsby","Story","scott",1990,400);
INSERT INTO Books VALUES(2,"miguel","comedy","Hector
Garcia",1995,700);
INSERT INTO Books VALUES(3,"to kill
mockingbird","Habits","James clear",1999,500);
INSERT INTO Books VALUES(4,"one hundred
years","Story","Darius Foroux",2000,900);
INSERT INTO Books VALUES(5,"catcher","life
rules","Laxmikanth",1999,600);
SELECT * FROM Books WHERE title = "one hundred years";

```

PROGRAM

OUTPUT :



- c. Update the price of a book.

PROGRAM

```
drop database booksdb;
```

```
CREATE DATABASE BOOKSDB;
```

```
USE BOOKSDB;
```

```
CREATE TABLE Books(  
  snO INT PRIMARY KEY,  
  title VARCHAR(20),  
  genre VARCHAR(20),  
  author VARCHAR(20),  
  publicationYear INT,  
  price DECIMAL(10,2)  
);
```

```
DESCRIBE Books;
```

```
INSERT INTO Books VALUES(1,"the great  
gatsby","Story","scott",1990,400);
```

```
INSERT INTO Books VALUES(2,"miguel","comedy","Hector  
Garcia",1995,700);
```

```
INSERT INTO Books VALUES(3,"to kill  
mockingbird","Habits","James clear",1999,500);
```

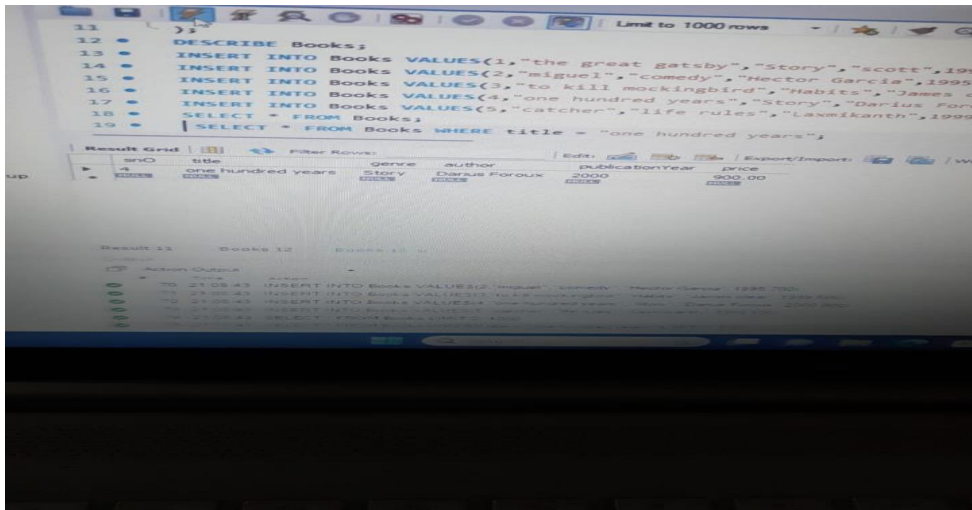
```
INSERT INTO Books VALUES(4,"one hundred  
years","Story","Darius Foroux",2000,900);
```

```
INSERT INTO Books VALUES(5,"catcher","life  
rules","Laxmikanth",1999,600);
```

```
UPDATE Books SET price=7080 WHERE title = "catcher";
```

```
SELECT * FROM Books;
```

OUTPUT



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

PROGRAM

drop database booksdb;

CREATE DATABASE BOOKSDB;

USE BOOKSDB;

```

CREATE TABLE Books(
snO INT PRIMARY KEY,
title VARCHAR(20),
genre VARCHAR(20),
author VARCHAR(20),
publicationYear INT,
price DECIMAL(10,2)
);

```

DESCRIBE Books;

```
INSERT INTO Books VALUES(1,"the great gatsby","Story","scott",1990,400);
```

```
INSERT INTO Books VALUES(2,"miguel","comedy","Hector Garcia",1995,700);
```

```
INSERT INTO Books VALUES(3,"to kill mockingbird","Habits","James clear",1999,500);
```

```
INSERT INTO Books VALUES(4,"one hundred years","Story","Darius Foroux",2000,900);
```

```
INSERT INTO Books VALUES(5,"catcher","life rules","Laxmikanth",1999,600);
```

```
DELETE FROM Books WHERE title = "miguel";
```

OUTPUT

