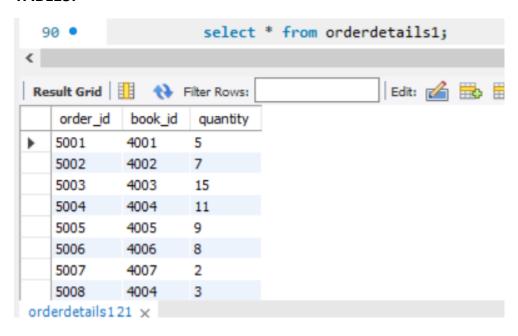
```
create database book_dealer;
use book_dealer;
CREATE TABLE author1 (
   author1_id INT,
  author1_name VARCHAR(20),
  author1_city VARCHAR(20),
   author1_country VARCHAR(20),
   PRIMARY KEY(author1_id));
   CREATE TABLE publisher1 (
   publisher1_id INT,
   publisher1_name VARCHAR(20),
   publisher1_city VARCHAR(20),
   publisher1_country VARCHAR(20),
   PRIMARY KEY(publisher1_id));
   CREATE TABLE category1 (
   category_id INT,
   description VARCHAR(30),
  PRIMARY KEY(category_id) );
   CREATE TABLE catalog1(
   book_id INT,
   book_title VARCHAR(30),
   author1 id INT,
   publisher1_id INT,
```

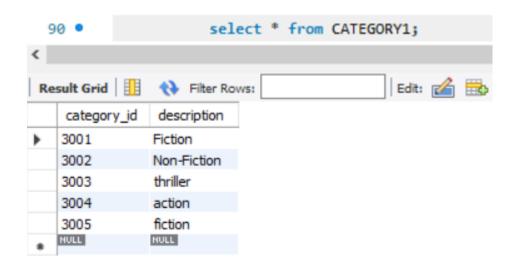
```
category_id INT,
   year INT,
   price INT,
   PRIMARY KEY(book id),
   FOREIGN KEY(author1_id) REFERENCES author1(author1_id),
   FOREIGN KEY(publisher1 id) REFERENCES publisher1(publisher1 id),
   FOREIGN KEY(category id) REFERENCES category1(category id));
   CREATE TABLE orderdetails1(
   order id INT,
   book id INT,
   quantity INT,
   PRIMARY KEY(order_id),
   FOREIGN KEY(book id) REFERENCES catalog1(book id));
   INSERT INTO author1
(author1_id,author1_name,author1_city,author1_country) VALUES
     (1001, 'JK Rowling', 'London', 'England'),
     (1002, 'Chetan Bhagat', 'Mumbai', 'India'),
     (1003, 'John McCarthy', 'Chicago', 'USA'),
     (1004, 'Dan Brown', 'California', 'USA');
            INSERT INTO publisher1
(publisher1_id,publisher1_name,publisher1_city,publisher1_country)
VALUES
     (2001, 'Bloomsbury', 'London', 'England'),
     (2002, 'Scholastic', 'Washington', 'USA'),
```

```
(2003, 'Pearson', 'London', 'England'),
     (2004, 'Rupa', 'Delhi', 'India');
            INSERT INTO category 1 (category id, description) VALUES
     (3001, 'Fiction'),
     (3002, 'Non-Fiction'),
     (3003, 'thriller'),
     (3004, 'action'),
     (3005, 'fiction');
     INSERT INTO catalog1
(book_id,book_title,author1_id,publisher1_id,category_id,year,price)
VALUES
     (4001, 'HP and Goblet Of Fire', 1001, 2001, 3001, 2002, 600),
     (4002, 'HP and Order Of Phoenix', 1001, 2002, 3001, 2005, 650),
     (4003, 'Two States', 1002, 2004, 3001, 2009, 65),
     (4004,'3 Mistakes of my life',1002,2004,3001,2007,55),
     (4005, 'Da Vinci Code', 1004, 2003, 3001, 2004, 450),
     (4006, 'Angels and Demons', 1004, 2003, 3001, 2003, 350),
     (4007, 'Artificial Intelligence', 1003, 2002, 3002, 1970, 500);
     INSERT INTO orderdetails1 (order id,book id,quantity) VALUES
     (5001,4001,5),
     (5002,4002,7),
     (5003,4003,15),
     (5004,4004,11),
     (5005,4005,9),
```

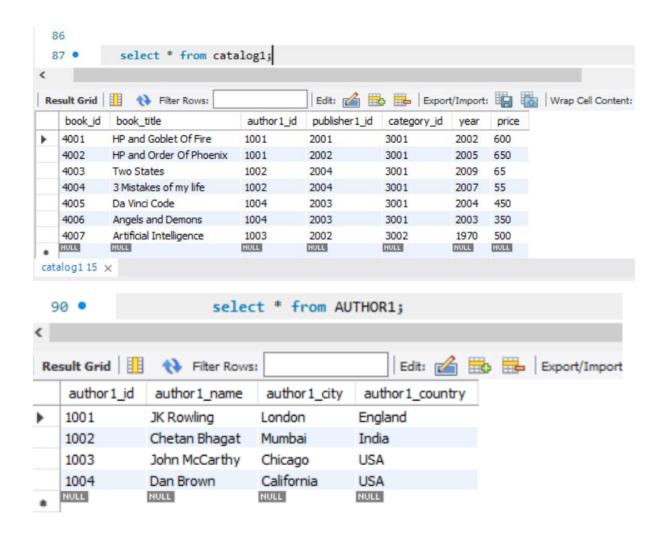
```
(5006,4006,8),
     (5007,4007,2),
     (5008,4004,3);
     select a.author1_id,a.author1_city,a.author1_name,a.author1_city
from author1 a join catalog1 c on a.author1_id=c.author1_id where
year>2000
     and c.author1_id in(select c.author1_id from catalog1 having
count(c.author1_id)>2 and price>500 );
     select a.author1_id from author1 a join catalog1 c on
a.author1_id=c.author1_id join orderdetails1 o on c.book_id=o.book_id
having max(o.quantity);
     select * from catalog1;
     update catalog1 set price=(0.1*price)+price where publisher1_id=2001;
     select * from catalog1;
```

## **TABLES:**



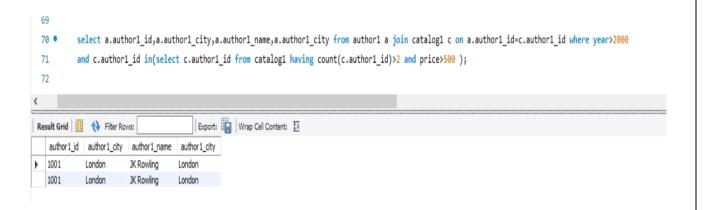




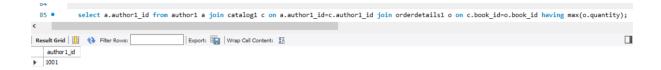


## **QUERIES OUTPUTS:**

1.



2.



## 3.

