DBMS LAB CIE 2 (OUTPUT)

NAME: KIZHAKEL SHARAT PRASAD

USN: 1BM19CS074

SEC: 4-B

BATCH IN CHARGE: Dr. K. PANIMOZHI

BOOK DEALER DATABASE
The following tables are maintained by a book dealer:
AUTHOR(author-id: int, name: String, city: String, country: String)
PUBLISHER(publisher-id: int, name: String, city: String, country: String) CATALOG(book-id: int, title: String, author-id: int, publisher-id: int, category-id: int, year: int, price: int)
CATEGORY(category-id: int, description: String)
ORDER-DETAILS(order-no: int, book-id: int, quantity: int)

i)Create the above tables by properly specifying the primary keys and the foreign keys.

ii) Enter at least five tuples for each relation.

iii) Give the details of the authors who have 2 or more books in the catalog and the price of the books in the catalog and the year of publication is after 2000.

iv.)Find the author of the book which has maximum sales.

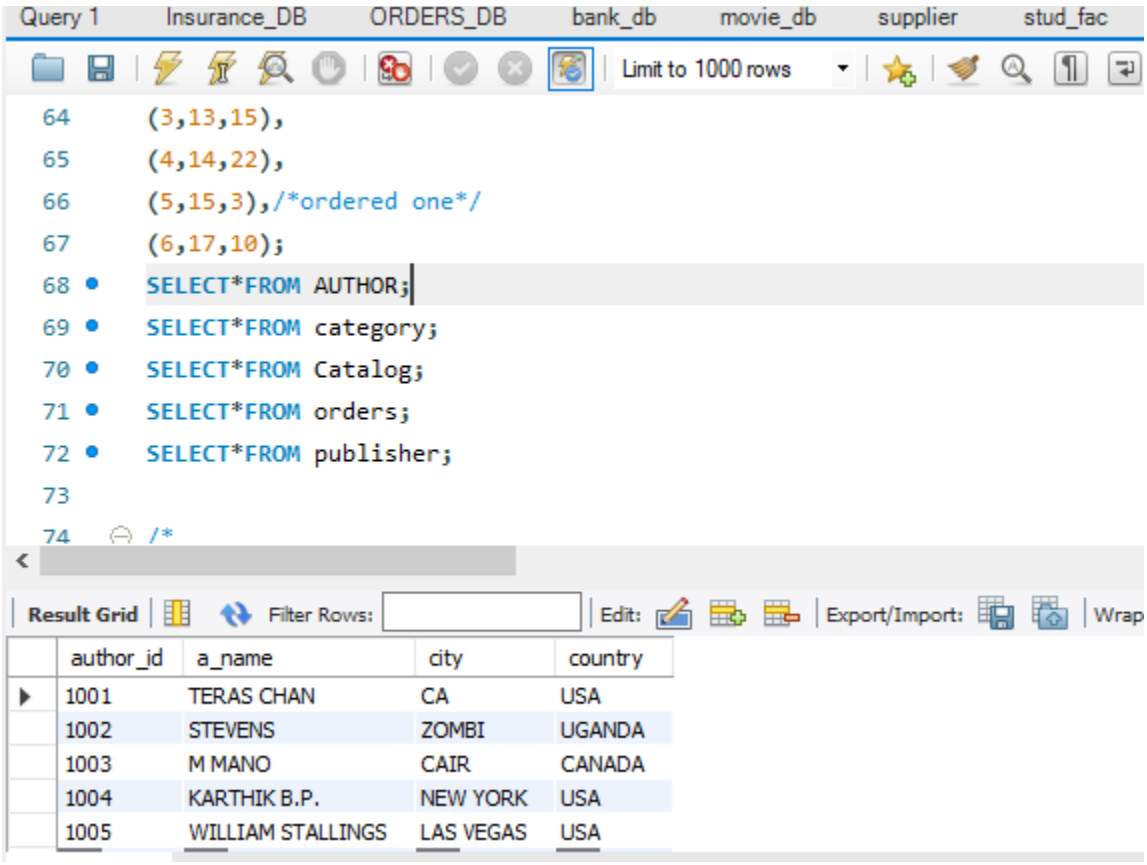
v) Demonstrate how you increase the price of books published by a specific publisher by 10%.

vi)Get the Order Details of the Books published by a specific publisher(Eg Elsevier)

OUTPUT:

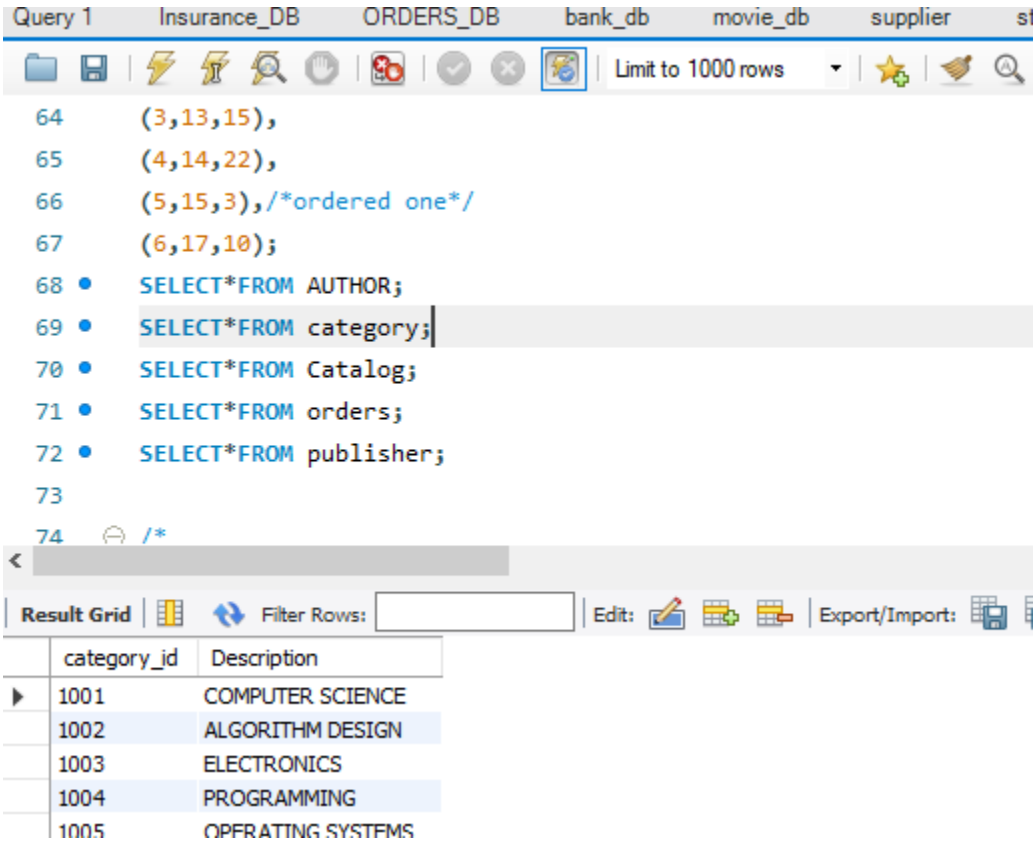
i)Create the above tables by properly specifying the primary keys and the foreign keys.
ii) Enter at least five tuples for each relation

AUTHOR:

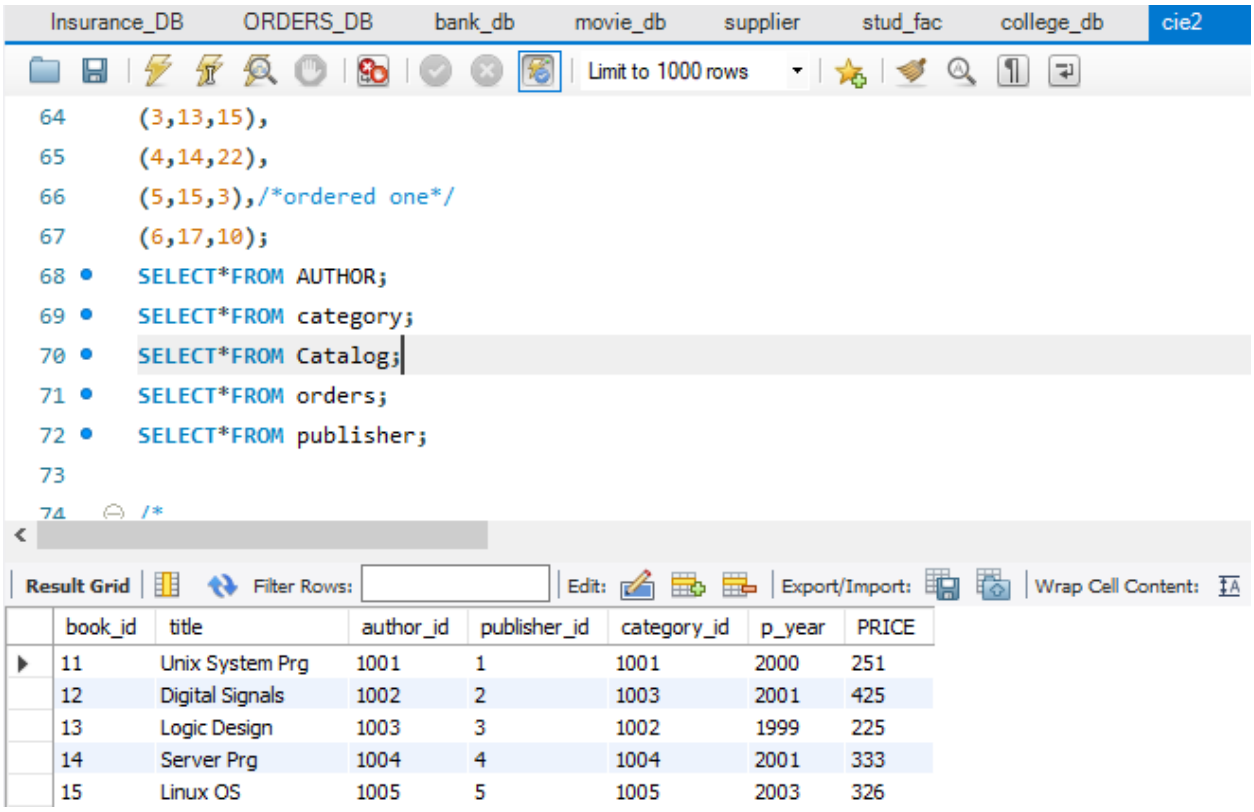


author_id	a_name	city	country
1001	TERAS CHAN	CA	USA
1002	STEVENS	ZOMBI	UGANDA
1003	M MANO	CAIR	CANADA
1004	KARTHIK B.P.	NEW YORK	USA
1005	WILLIAM STALLINGS	LAS VEGAS	USA

CATEGORY:

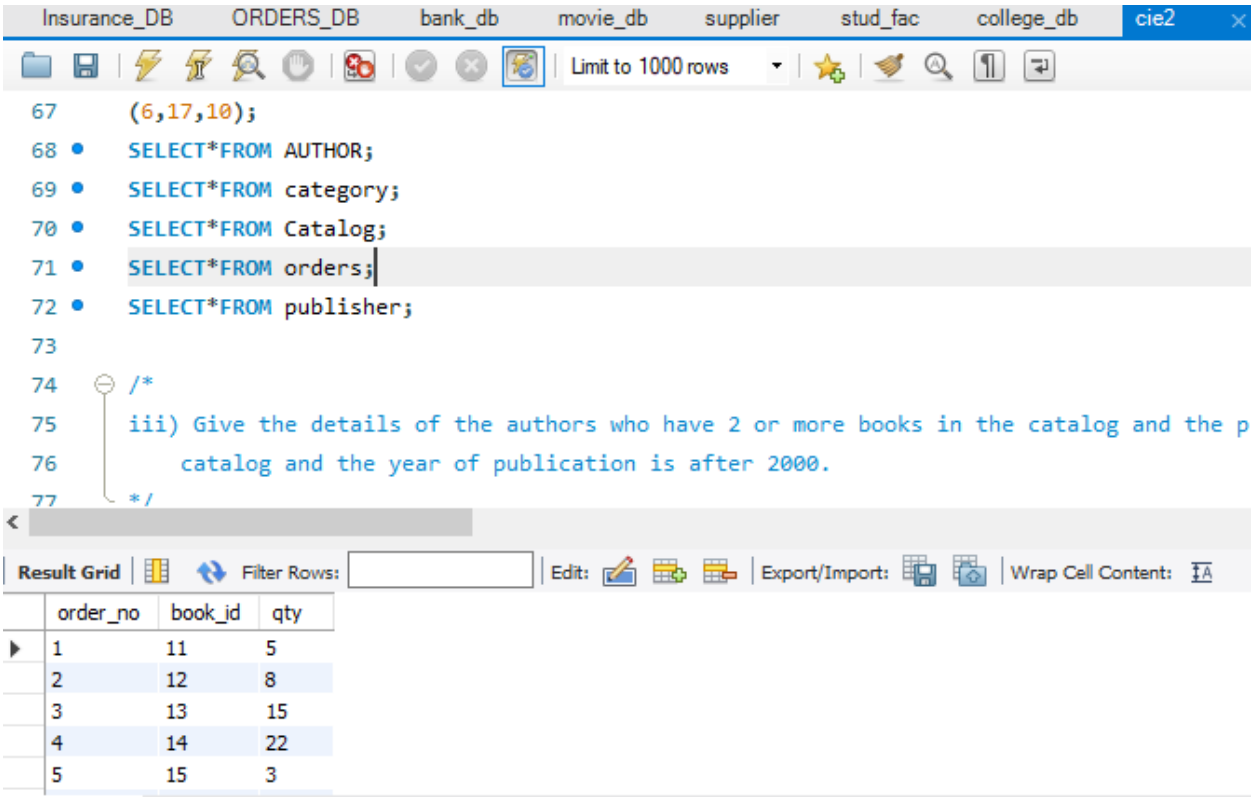

Query 1
Insurance_DB
ORDERS_DB
bank_db
movie_db
supplier
Limit to 1000 rows
(3,13,15),
(4,14,22),
(5,15,3),/*ordered one*/
(6,17,10);
SELECT*FROM AUTHOR;
SELECT*FROM category;
SELECT*FROM Catalog;
SELECT*FROM orders;
SELECT*FROM publisher;
/*
Result Grid
Filter Rows:
Edit:
Export/Import:
category_id
Description
1001
COMPUTER SCIENCE
1002
ALGORITHM DESIGN
1003
ELECTRONICS
1004
PROGRAMMING
1005
OPERATING SYSTEMS

CATALOG:

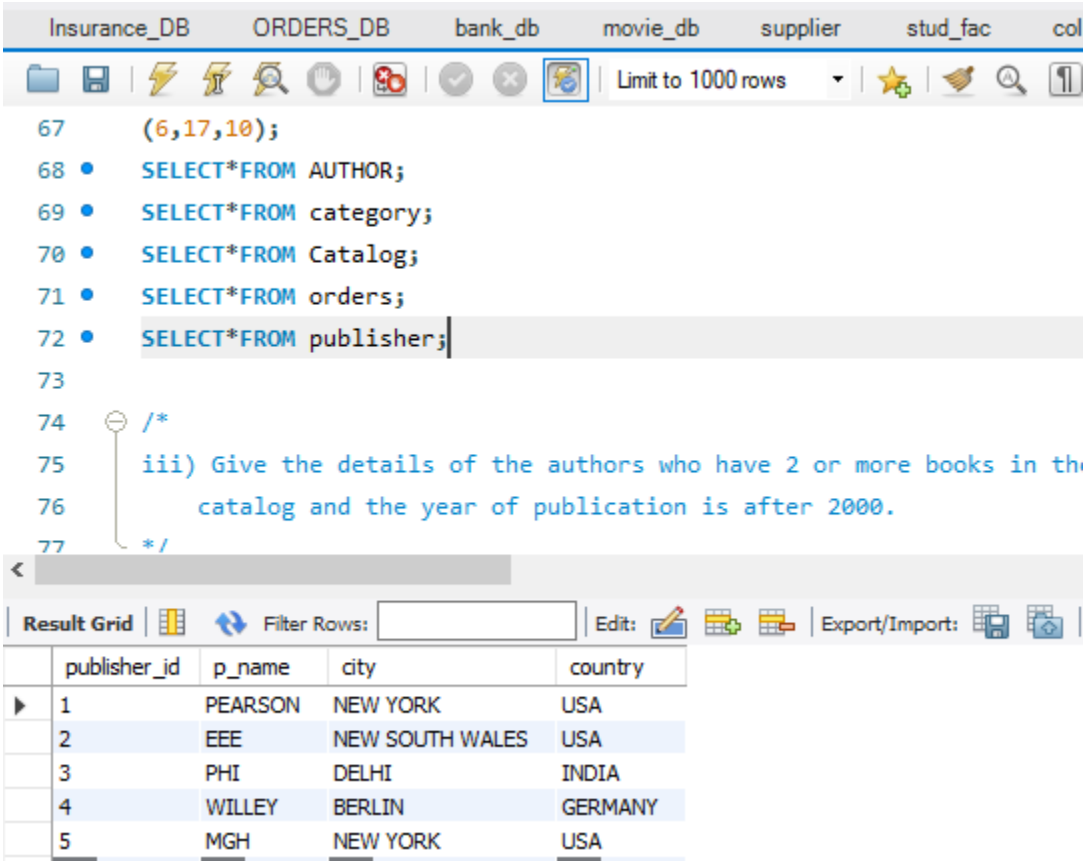


book_id	title	author_id	publisher_id	category_id	p_year	PRICE
11	Unix System Prg	1001	1	1001	2000	251
12	Digital Signals	1002	2	1003	2001	425
13	Logic Design	1003	3	1002	1999	225
14	Server Prg	1004	4	1004	2001	333
15	Linux OS	1005	5	1005	2003	326

ORDER-DETAILS(ORDERS):

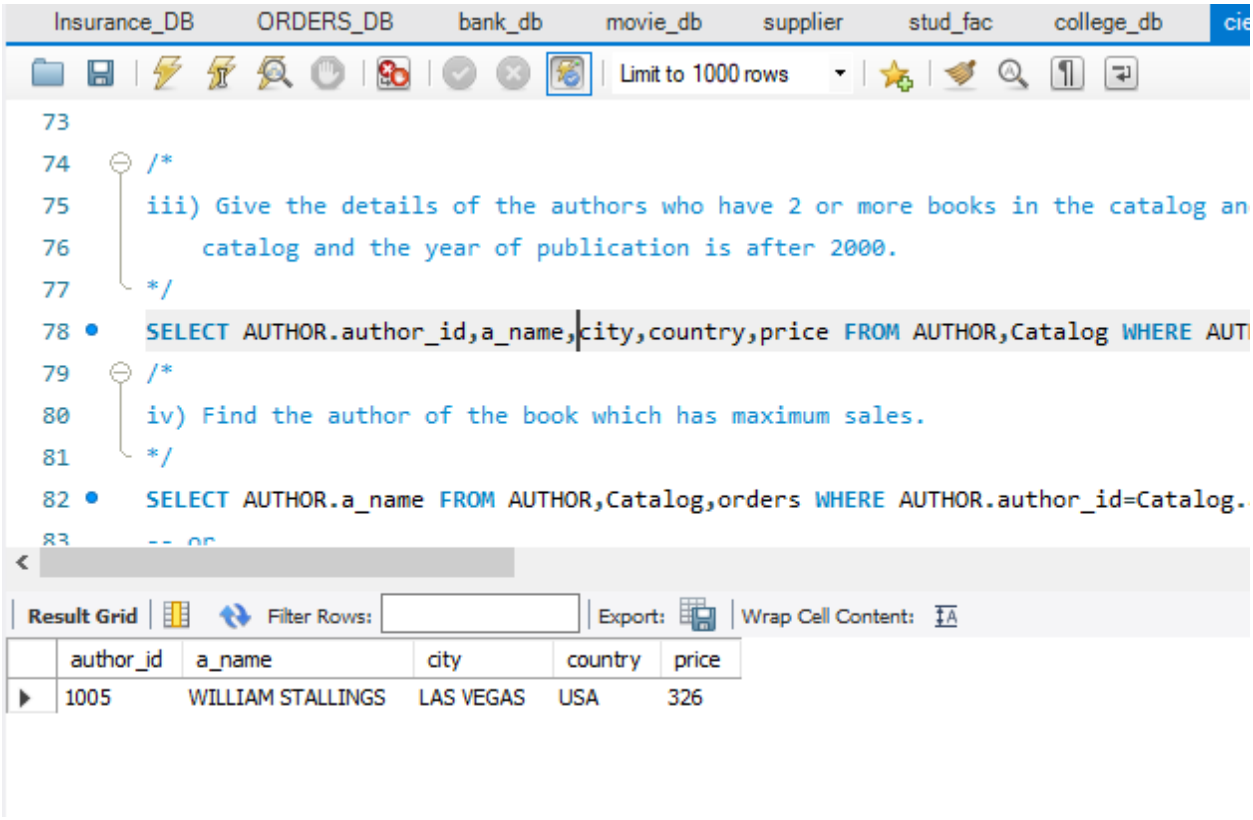


PUBLISHER:

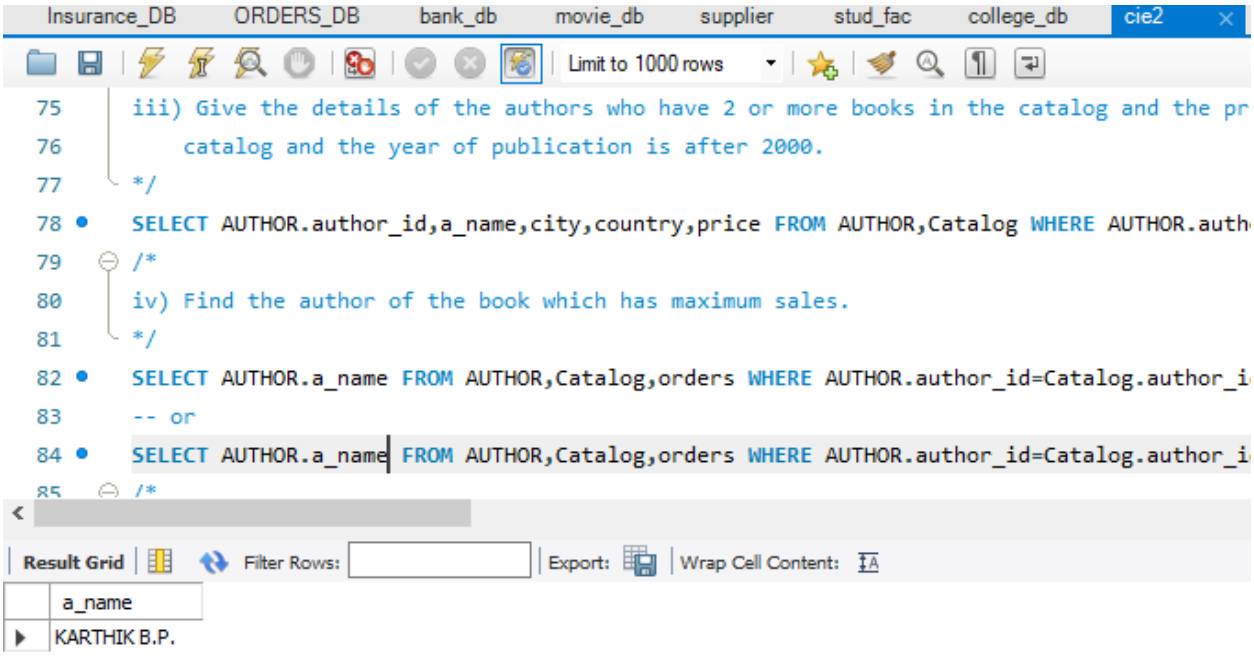


publisher_id	p_name	city	country
1	PEARSON	NEW YORK	USA
2	EEE	NEW SOUTH WALES	USA
3	PHI	DELHI	INDIA
4	WILLEY	BERLIN	GERMANY
5	MGH	NEW YORK	USA

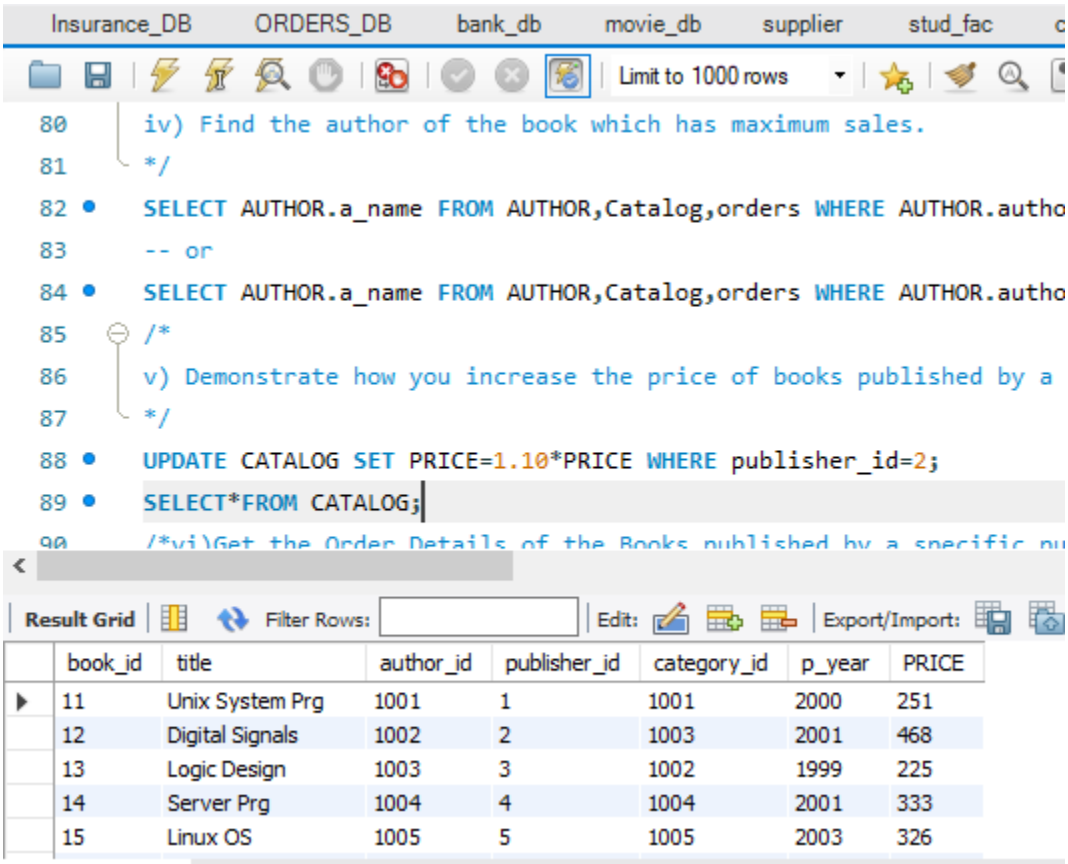
iii) Give the details of the authors who have 2 or more books in the catalog and the price of the books in the catalog and the year of publication is after 2000.



iv.)Find the author of the book which has maximum sales.



v) Demonstrate how you increase the price of books published by a specific publisher by 10%.



Insurance_DB ORDERS_DB bank_db movie_db supplier stud_fac

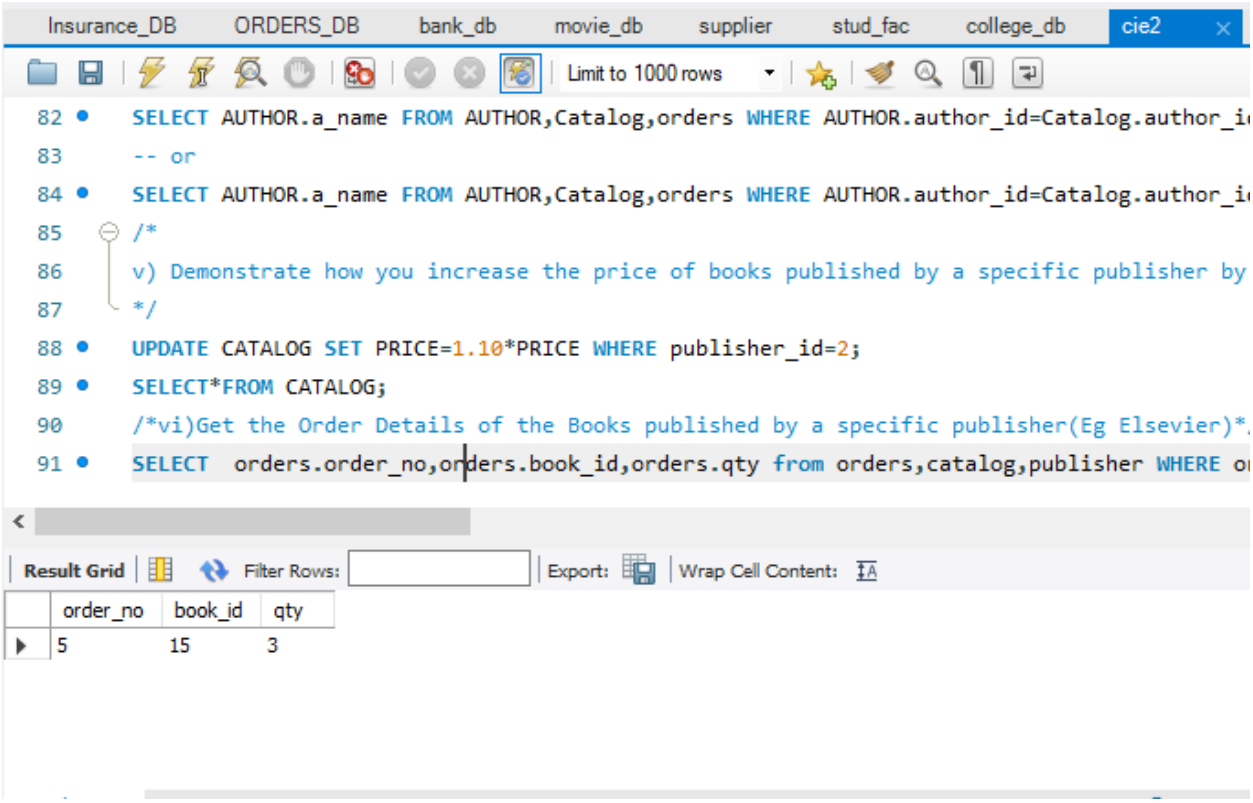
Limit to 1000 rows

```
80    iv) Find the author of the book which has maximum sales.
81    */
82    SELECT AUTHOR.a_name FROM AUTHOR,Catalog,orders WHERE AUTHOR.autho
83    -- or
84    SELECT AUTHOR.a_name FROM AUTHOR,Catalog,orders WHERE AUTHOR.autho
85    /*
86    v) Demonstrate how you increase the price of books published by a
87    */
88    UPDATE CATALOG SET PRICE=1.10*PRICE WHERE publisher_id=2;
89    SELECT*FROM CATALOG;
```

Result Grid | Filter Rows: | Edit: | Export/Import:

book_id	title	author_id	publisher_id	category_id	p_year	PRICE
11	Unix System Prg	1001	1	1001	2000	251
12	Digital Signals	1002	2	1003	2001	468
13	Logic Design	1003	3	1002	1999	225
14	Server Prg	1004	4	1004	2001	333
15	Linux OS	1005	5	1005	2003	326

vi)Get the Order Details of the Books published by a specific publisher(Eg Elsevier)



**********CIE 2 REPORT ENDS**********