```sql
--1) Create a stored procedure that will take the author firstname and
--print all the books polished by him with the publisher's name

create proc GetBookByAuFName(@first_name varchar(20))
as
begin
    Select a.au_lname , t.title
    from authors a join titleauthor ta on a.au_id = ta.au_id
    join titles t on ta.title_id = t.title_id join publishers p on t.pub_id = p.pub_id
    where a.au_lname = @first_name
end

alter proc GetBookByAuFName(@first_name varchar(20))
as
begin
    Select a.au_lname , t.title, p.pub_name
    from authors a join titleauthor ta on a.au_id = ta.au_id
    join titles t on ta.title_id = t.title_id join publishers p on t.pub_id = p.pub_id
    where a.au_lname = @first_name
end

exec GetBookByAuFName 'Green'
```

100 %

■ Results ■ Messages

	au_lname	title	pub_name
1	Green	The Busy Executive's Database Guide	Algodata Infosystems
2	Green	You Can Combat Computer Stress!	New Moon Books

```sql
--2) Create a sp that will take the employee's firtname and print all the titles sold by him/her, price, quantity and the cost.

select * from sales

Create proc GetSoldInfoByEmpFName(@FName varchar(20))
as
begin
    select e.fname, t.title,max(t.price)'Price',sum(s.qty)'Quantity',sum(t.price*s.qty) 'Cost'
    from publishers p join employee e on p.pub_id = e.pub_id
    join titles t on p.pub_id = t.pub_id join sales s on t.title_id = s.title_id
    where e.fname = @FName
    group by t.title,e.fname
end

exec GetSoldInfoByEmpFName 'paolo'
```

100 %

■ Results ■ Messages

	fname	title	Price	Quantity	Cost
1	Paolo	Computer Phobic AND Non-Phobic Individuals: Beh...	21.59	20	431.80
2	Paolo	Fifty Years in Buckingham Palace Kitchens	11.95	20	239.00
3	Paolo	Onions, Leeks, and Garlic: Cooking Secrets of the M...	20.95	40	838.00
4	Paolo	Silicon Valley Gastronomic Treats	19.99	10	199.90
5	Paolo	Sushi, Anyone?	14.99	20	299.80
6	Paolo	The Gourmet Microwave	2.99	40	119.60

```
--3) Create a query that will print all names from authors and employees

select au_fname +' '+ au_lname 'Full Name' from authors
union
select fname+' '+ lname 'Full Name' from employee

--4) Create a  query that will float the data from sales,titles, publisher
```

Results | Messages

	Full Name
1	Abraham Bennet
2	Akiko Yokomoto
3	Albert Ringer
4	Anabela Domingues
5	Ann Devon
6	Ann Dull
7	Anne Ringer
8	Annette Roulet
9	Aria Cruz
10	Burt Gringlesby
11	Carine Schmitt
12	Carlos Hernadez
13	Charlene Locksley
14	Cheryl Carson
15	Daniel Tonini

✔ Query executed successfully.

```
--4) Create a  query that will float the data from sales,titles, publisher and authors table to
--print title name, Publisher's name, author's full name with quantity ordered and price for the order for all orders,
--print first 5 orders after sorting them based on the price of order

with OrderDetails_CTE(title,pub_name,auther_Full_name,qty,price)
as
(select t.title,p.pub_name,(a.au_fname+' '+a.au_lname) 'Author_Full_name' ,s.qty ,(s.qty*t.price)'Price '
from sales s join titles t on s.title_id = t.title_id
join publishers p on t.pub_id = p.pub_id join titleauthor ta on t.title_id = ta.title_id
join authors a on ta.au_id = a.au_id)

select top 5 * from OrderDetails_CTE order by price desc
```

Results | Messages

	title	pub_name	auther_Full_name	qty	price
1	Secrets of Silicon Valley	Algodata Infosystems	Ann Dull	50	1000.00
2	Secrets of Silicon Valley	Algodata Infosystems	Sheryl Hunter	50	1000.00
3	Onions, Leeks, and Garlic: Cooking Secrets of t...	Binnet & Hardley	Sylvia Panteley	40	838.00
4	Is Anger the Enemy?	New Moon Books	Anne Ringer	75	821.25
5	Is Anger the Enemy?	New Moon Books	Albert Ringer	75	821.25