

```
-- 1) Print the storeid and number of orders for the store
```

```
select stor_id , Count(ord_num) 'No of orders' from sales group by stor_id
```

```
-- 2) print the numebr of orders for every title
```

```
-- 3) print the publisher name and book name
```

```
-- 4) Print the author full name for al the authors
```

```
-- 5) Print the price or every book with tax (price+price*12.36/100)
```

```
-- 6) Print the author name, title name
```

```
-- 7) print the author name, title name and the publisher name
```

100 %

Results Messages

	stor_id	No of orders
1	6380	2
2	7066	2
3	7067	4
4	7131	6
5	7896	3
6	8042	4

```
select title_id, count(ord_num) 'NO of orders' from sales group by title_id
```

```
-- 3) print the publisher name and book name
```

```
-- 4) Print the author full name for al the authors
```

```
-- 5) Print the price or every book with tax (price+price*12.36/100)
```

```
-- 6) Print the author name, title name
```

100 %

Results Messages

	title_id	NO of orders
1	BU1032	2
2	BU1111	1
3	BU2075	1
4	BU7832	1
5	MC2222	1
6	MC3021	2
7	PC1035	1
8	PC8888	1
9	PS1372	1
10	PS2091	4
11	PS2106	1
12	PS3333	1
13	PS7777	1

Query executed successfully.

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```
-- 3) print the publisher name and book name
```

```
select p.pub_name, t.title from titles t join publishers p on t.pub_id = p.pub_id
```

```
-- 4) Print the author full name for al the authors
```

```
-- 5) Print the price or every book with tax (price+price*12.36/100)
```

100 %

Results Messages

	pub_name	title
1	Algodata Infosystems	The Busy Executive's Database Guide
2	Algodata Infosystems	Cooking with Computers: Surreptitious Balance She...
3	New Moon Books	You Can Combat Computer Stress!
4	Algodata Infosystems	Straight Talk About Computers
5	Binnet & Hardley	Silicon Valley Gastronomic Treats
6	Binnet & Hardley	The Gourmet Microwave
7	Binnet & Hardley	The Psychology of Computer Cooking
8	Algodata Infosystems	But Is It User Friendly?
9	Algodata Infosystems	Secrets of Silicon Valley
10	Algodata Infosystems	Net Etiquette
11	Binnet & Hardley	Computer Phobic AND Non-Phobic Individuals: Beh...
12	New Moon Books	Is Anger the Enemy?
13	New Moon Books	Life Without Fear

```
-- 4) Print the author full name for al the authors
```

```
select (au_fname + ' ' + au_lname) 'full name' from authors
```

```
-- 5) Print the price or every book with tax (price+price*12.36/100)
```

%

Results Messages

full name
Abraham Bennet
Reginald Blotchet-Halls
Cheryl Carson
Michel DeFrance
Innes del Castillo
Ann Dull
Marjorie Green
Morningstar Greene
Burt Gringlesby
Sheryl Hunter
Livia Karsen
Charlene Locksley
Stearns MacFeather

```
-- 5) Print the price on every book with tax (price+price*12.36/100)
```

```
select title,type,price, (price+(price*12.36/100)) 'Tax' from titles
```

```
-- 6) Print the author name, title name
```

100 %

Results Messages

	title	type	price	Tax
1	The Busy Executive's Database Guide	business	19.99	22.4607640000
2	Cooking with Computers: Surreptitious Balance She...	business	11.95	13.4270200000
3	You Can Combat Computer Stress!	business	2.99	3.3595640000
4	Straight Talk About Computers	business	19.99	22.4607640000
5	Silicon Valley Gastronomic Treats	mod_cook	19.99	22.4607640000
6	The Gourmet Microwave	mod_cook	2.99	3.3595640000
7	The Psychology of Computer Cooking	UNDECIDED	NULL	NULL
8	But Is It User Friendly?	popular_comp	22.95	25.7866200000
9	Secrets of Silicon Valley	popular_comp	20.00	22.4720000000
10	Net Etiquette	popular_comp	NULL	NULL
11	Computer Phobic AND Non-Phobic Individuals: Beha...	psychology	21.59	24.2585240000
12	Is Anger the Enemy?	psychology	10.95	12.3034200000
13	Life Without Fear	psychology	7.00	7.8652000000

```
select (a.au_fname + ' ' + a.au_lname) 'Author name',t.title from  
titleauthor ta join titles t on ta.title_id = t.title_id join authors a on ta.au_id = a.au_id  
order by a.au_fname , a.au_lname
```

100 %

Results Messages

	Author name	title
1	Abraham Bennet	The Busy Executive's Database Guide
2	Akiko Yokomoto	Sushi, Anyone?
3	Albert Ringer	Is Anger the Enemy?
4	Albert Ringer	Life Without Fear
5	Ann Dull	Secrets of Silicon Valley
6	Anne Ringer	Is Anger the Enemy?
7	Anne Ringer	The Gourmet Microwave
8	Burt Gringlesby	Sushi, Anyone?
9	Charlene Locksley	Emotional Security: A New Algorithm
10	Charlene Locksley	Net Etiquette
11	Cheryl Carson	But Is It User Friendly?
12	Dean Straight	Straight Talk About Computers
13	Innes del Castillo	Silicon Valley Gastronomic Treats

```
-- 7) print the author name, title name and the publisher name
```

```
select (a.au_fname + ' ' + a.au_lname) 'Author name', t.title, p.pub_name from  
titleauthor ta join titles t on ta.title_id = t.title_id  
join authors a on ta.au_id = a.au_id  
join publishers p on p.pub_id = t.pub_id  
order by a.au_fname, a.au_lname
```

100 %			
Results Messages			
	Author name	title	pub_name
1	Abraham Bennet	The Busy Executive's Database Guide	Algodata Infosystems
2	Akiko Yokomoto	Sushi, Anyone?	Binnet & Hardley
3	Albert Ringer	Is Anger the Enemy?	New Moon Books
4	Albert Ringer	Life Without Fear	New Moon Books
5	Ann Dull	Secrets of Silicon Valley	Algodata Infosystems
6	Anne Ringer	Is Anger the Enemy?	New Moon Books
7	Anne Ringer	The Gourmet Microwave	Binnet & Hardley
8	Burt Gringlesby	Sushi, Anyone?	Binnet & Hardley
9	Charlene Locksley	Emotional Security: A New Algorithm	New Moon Books
10	Charlene Locksley	Net Etiquette	Algodata Infosystems
11	Cheryl Carson	But Is It User Friendly?	Algodata Infosystems
12	Dean Straight	Straight Talk About Computers	Algodata Infosystems
13	Innes del Castillo	Silicon Valley Gastronomic Treats	Binnet & Hardley

```
-- 8) Print the average price of books published by every publisher
```

```
select pub_id, avg(price) 'Avg price' from titles group by pub_id
```

100 %		
Results Messages		
	pub_id	Avg price
1	0736	9.784
2	0877	15.41
3	1389	18.976

```
-- 9) print the books published by 'Marjorie'
select * from titles where title_id in
(select title_id from titleauthor where au_id in
(select au_id from authors where au_fname = 'Marjorie'))
```

```
-- or
```

```
select t.title_id , a.au_fname from titleauthor ta
join authors a on ta.au_id = a.au_id
join titles t on t.title_id = ta.title_id
where a.au_fname = 'Marjorie'
```

100 %

Results Messages

	title_id	au_fname
1	BU1032	Marjorie
2	BU2075	Marjorie

```
-- 10) Print the order numbers of books published by 'New Moon Books'
```

```
select ord_num from sales where title_id in
(select title_id from titles where pub_id in
(select pub_id from publishers where pub_name = 'New Moon Books'))
-- or
```

```
select s.ord_num, p.pub_name
from publishers p
join titles t on t.pub_id = p.pub_id
join sales s on s.title_id = t.title_id
where p.pub_name = 'New Moon Books'
```

```
-- 11) Print the number of orders for every publisher
```

100 %

Results Messages

	ord_num	pub_name
1	X999	New Moon Books
2	722a	New Moon Books
3	QA7442.3	New Moon Books
4	D4482	New Moon Books
5	N914008	New Moon Books
6	P3087a	New Moon Books
7	P3087a	New Moon Books
8	P3087a	New Moon Books

```
-- 11) Print the number of orders for every publisher
```

```
select pub_id,COUNT(s.ord_num) 'No of Orders'
from sales s join titles t on s.title_id = t.title_id group by t.pub_id
```

100 %

	pub_id	No of Orders
1	0736	8
2	0877	7
3	1389	6

```
from sales s join titles t on s.title_id = t.title_id group by t.pub_id
```

```
-- 12) print the order number , book name, quantity, price and the total price for all orders
```

```
select s.ord_num,t.title,s.qty,t.price,(s.qty*t.price) 'Total price'
from sales s join titles t on s.title_id = t.title_id
```

```
-- 13) print the total order quantity for every book
```

100 %

	ord_num	title	qty	price	Total price
1	6871	The Busy Executive's Database Guide	5	19.99	99.95
2	722a	Is Anger the Enemy?	3	10.95	32.85
3	A2976	Secrets of Silicon Valley	50	20.00	1000.00
4	QA7442.3	Is Anger the Enemy?	75	10.95	821.25
5	D4482	Is Anger the Enemy?	10	10.95	109.50
6	P2121	Onions, Leeks, and Garlic: Cooking Secrets of the M...	40	20.95	838.00
7	P2121	Fifty Years in Buckingham Palace Kitchens	20	11.95	239.00
8	P2121	Sushi, Anyone?	20	14.99	299.80
9	N914008	Is Anger the Enemy?	20	10.95	219.00
10	N914014	The Gourmet Microwave	25	2.99	74.75
11	P3087a	Computer Phobic AND Non-Phobic Individuals: Beh...	20	21.59	431.80
12	P3087a	Life Without Fear	25	7.00	175.00
13	P3087a	Prolonged Data Deprivation: Four Case Studies	15	19.99	299.85

Query executed successfully

```
-- 14) print the total order value for every book
```

```
select s.title_id, sum(s.qty*t.price) 'Total order Price'
from sales s join titles t on s.title_id = t.title_id
group by s.title_id
```

100 %

	title_id	Total order Price
1	BU1032	299.85
2	BU1111	298.75
3	BU2075	104.65
4	BU7832	299.85
5	MC2222	199.90
6	MC3021	119.60
7	PC1035	688.50
8	PC8888	1000.00
9	PS1372	431.80
10	PS2091	1182.60
11	PS2106	175.00
12	PS3333	299.85
13	PS7777	199.75

```
-- 15) print the orders that are for the books published by the publisher for which 'Paolo' works for
```

```
select * from sales where title_id in  
(select title_id from titles where pub_id in (select pub_id from employee where fname = 'Paolo'))
```

```
-- or
```

```
select e.fname, s.ord_num, t.title, s.qty  
from employee e join titles t on e.pub_id = t.pub_id  
join sales s on t.title_id = s.title_id  
where e.fname = 'Paolo'
```

100 %

Results Messages

	fname	ord_num	title	qty
1	Paolo	TQ456	Silicon Valley Gastronomic Treats	10
2	Paolo	N914014	The Gourmet Microwave	25
3	Paolo	423LL922	The Gourmet Microwave	15
4	Paolo	P3087a	Computer Phobic AND Non-Phobic Individuals: Beh...	20
5	Paolo	P2121	Onions, Leeks, and Garlic: Cooking Secrets of the M...	40
6	Paolo	P2121	Fifty Years in Buckingham Palace Kitchens	20
7	Paolo	P2121	Sushi, Anyone?	20