

### Exp 10

Create table of salesorder with following fields: Order Number(Unique key begins with 0),Client number(FK),Order Date.

Create table clientmaster with following fields: clientno(PK), cname,city.

Create table salesmaster with following fields: salesmanno(PK),sname,city. Add 5 rows of data in 3 tables







- Retrieve all orders placed by a client named sajan.
- Retrieve the names of all clients and salesman in the city of mumbai.
- Retrieve the order number, cname, order date from client master and sales order table.

### QUERYS

create table clientmaster (client\_no int primary key not null, cname varchar(20), city varchar(26));

Sort by key: 

None

	client_no	cname	city
 Delete	101	senchu	kannur
 Delete	102	sobin	kannur
 Delete	103	sajan	mumbai
 Delete	104	siju	gujarath
 Delete	105	george	kottayam
 Delete	106	jobin	NULL

is table	Sort by key:	None	
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	▼	salesmanno	sname	city
 Delete		1	biju	mumbai
 Delete		2	amith	mumbai
 Delete		3	sreelal	kannur
 Delete		4	anoop	thrissur
 Delete		5	goutham	pala

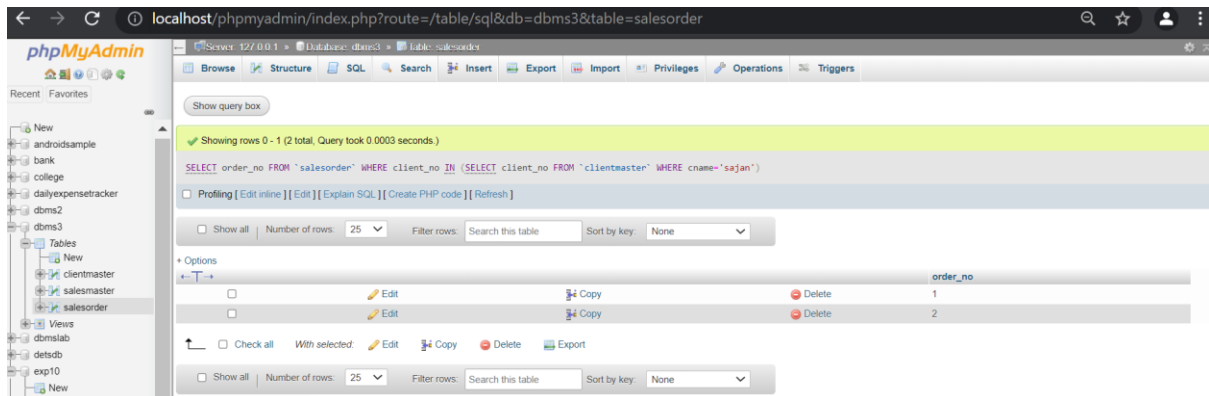
```
create table salesorder (order_no int primary key not null check (order_no like "0%"),client_no int REFERENCES clientmaster(client_no), order_date date);
```

Sort by key: None

	<u>order_no</u>	<u>client_no</u>	<u>order_date</u>
 Delete	0	101	2013-06-01
 Delete	1	103	2013-02-01
 Delete	106	NULL	2013-06-08
 Delete	2	103	2013-03-21
 Delete	3	102	2013-03-02
 Delete	4	105	2013-04-02

Sort by key: None

a. `SELECT order_no FROM `salesorder` WHERE client_no IN (SELECT client_no FROM `clientmaster` WHERE cname='sajan');`



Showing rows 0 - 1 (2 total, Query took 0.0003 seconds)

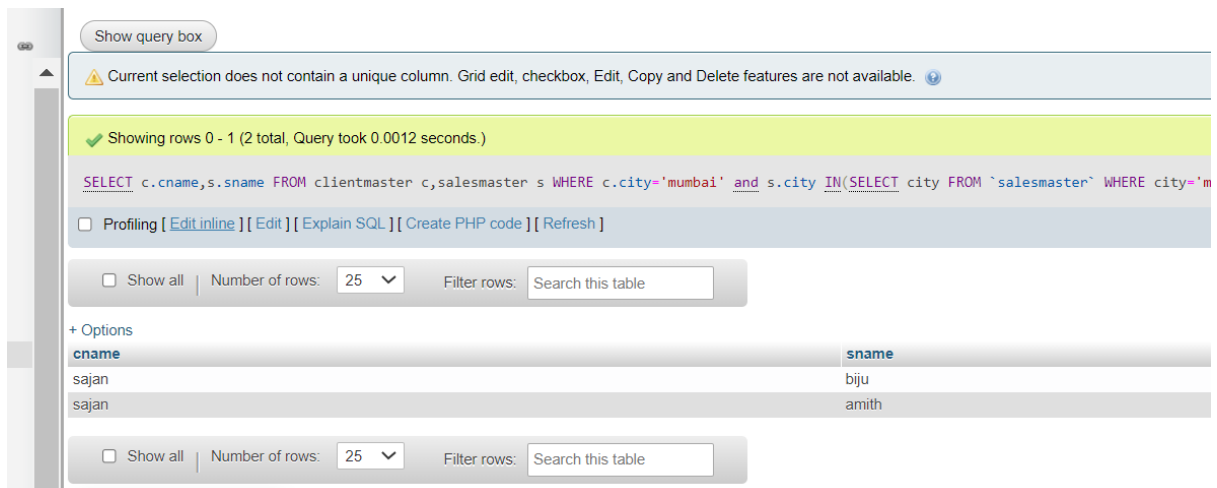
```
SELECT order_no FROM `salesorder` WHERE client_no IN (SELECT client_no FROM `clientmaster` WHERE cname='sajan')
```

Options

	order_no
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2

Check all With selected Edit Copy Delete Export

b. `SELECT c.cname,s.sname FROM clientmaster c,salesmaster s WHERE c.city='mumbai' and s.city IN(SELECT city FROM `salesmaster` WHERE city='mumbai');`



Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available.

Showing rows 0 - 1 (2 total, Query took 0.0012 seconds)

```
SELECT c.cname,s.sname FROM clientmaster c,salesmaster s WHERE c.city='mumbai' and s.city IN(SELECT city FROM `salesmaster` WHERE city='mumbai')
```

Options

c.cname	s.sname
sajan	biju
sajan	amith

C. ) SELECT c.cname,s.order\_date,s.order\_no FROM clientmaster c,salesorder s WHERE  
c.client\_no IN (SELECT s.client\_no from salesorder);

Show query box

⚠ Current selection does not contain a unique column. Grid edit, checkbox, Edit, Copy and Delete features are not available. ⓘ

✓ Showing rows 0 - 4 (5 total, Query took 0.0011 seconds.)

`SELECT c.cname,s.order_date,s.order_no FROM clientmaster c,salesorder s WHERE c.client_no IN (SELECT s.client_no from salesorder)`

☐ Profiling [\[ Edit inline \]](#) [\[ Edit \]](#) [\[ Explain SQL \]](#) [\[ Create PHP code \]](#) [\[ Refresh \]](#)

☐ Show all | Number of rows: 25 ▼ | Filter rows:

+ Options

cname	order_date	order_no
senchu	2013-06-01	0
sajan	2013-02-01	1
sajan	2013-03-21	2
sobin	2013-03-02	3
george	2013-04-02	4

☐ Show all | Number of rows: 25 ▼ | Filter rows: