

Query - postgres on postgres@127.0.0.1:5432 *

SQL Editor Graphical Query Builder

Previous queries Delete Delete All

```
--Question 1
select city
from agents
where aid in (select aid
              from orders
              where cid = 'c006'
              );

--Question2
select distinct pid
from orders
where aid in (select aid
              from orders
              where cid in (select cid
                           from customers
                           where city = 'Kyoto'
                           )
              )
order by pid;
```

Scratch pad

Output pane

Data Output Explain Messages History

	city text
1	New York
2	Tokyo
3	Dallas

OK. Unix Ln 1, Col 1, Ch 1 119 chars 3 rows. 18 msec

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Previous queries [v] Delete Delete All

```
--Question2
select distinct pid
from orders
where aid in (select aid
              from orders
              where cid in (select cid
                           from customers
                           where city = 'Kyoto')
              )
order by pid;

--Question3
select name, cid
from customers
where cid not in (select cid
                  from orders
                  where aid = 'p01')
```

Scratch pad

Output pane

Data Output Explain Messages History

	pid character(3)
1	p01
2	p03
3	p04
4	p05
5	p07

OK. Unix Ln 9, Col 1, Ch 129 201 chars 5 rows. 19 msec

43 where pid in (select pid

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Previous queries [v] Delete Delete All

```
--Question3
select name, cid
from customers
where cid not in (select cid
                  from orders
                  where aid = 'a01'
                  );

--Question4
select cid
from customers
where cid in (select cid
              from orders
              where pid = 'p07' AND cid in (select cid
                                             from orders
```

Scratch pad

Output pane

Data Output Explain Messages History

	name text	cid character(4)
1	Tyrell	c002
2	Allied	c003
3	ACME	c004
4	Weyland	c005

OK. Unix Ln 21, Col 1, Ch 332 140 chars 4 rows. 19 msec

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SQL Editor Graphical Query Builder

Previous queries [Delete] [Delete All]

```
--Question4
select cid
from customers
where cid in (select cid
              from orders
              where pid = 'p07' AND cid in (select cid
                                             from orders
                                             where pid = 'p01'
                                             )
              );

--Question5
select pid
from products
where pid in (select pid
              from orders
              where cid = 'c001'
```

Scratch pad

Output pane

Data Output Explain Messages History

	cid character(4)
1	c001
2	c006

OK. Unix Ln 38, Col 16, Ch 670 196 chars 2 rows. 19 msec

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SQL Editor Graphical Query Builder

Previous queries

```
--Question5
select pid
from products
where pid in (select pid
              from orders
              where aid <> 'a08'
             )
order by pid DESC;

--Question6
select name, discount, city
from customers
where cid in (select cid
              from orders
```

Scratch pad

Output pane

Data Output Explain Messages History

	pid
	character(3)
1	p07
2	p06
3	p05
4	p04
5	p03
6	p02
7	p01

OK. Unix Ln 40, Col 1, Ch 672 125 chars 7 rows. 19 msec

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SQL Editor Graphical Query Builder

Previous queries Delete Delete All

```
select name, discount, city
from customers
where cid in (select cid
              from orders
              where aid in (select aid
                           from agents
                           where city = 'New York' or city = 'Tokyo')
              );

--Question7
select *
from customers
where cid not in (select cid
                  from customers
                  where city = 'Duluth' or city = 'London')
```

Scratch pad

Output pane

Data Output Explain Messages History

	name text	discount numeric(5,2)	city text
1	Tiptop	10.00	Duluth
2	Tyrell	12.00	Dallas
3	Allied	8.00	Dallas
4	ACME	0.00	Kyoto

OK. Unix Ln 49, Col 1, Ch 799 218 chars 4 rows. 21 msec

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SQL Editor Graphical Query Builder

Previous queries [v] Delete Delete All

```
--Question7
select *
from customers
where cid not in (select cid
                  from customers
                  where city = 'Duluth' or city = 'London'
                  ) AND discount in (select discount
                                     from customers
                                     where city = 'Duluth' or city = 'London'
                                     );

--Question8
```

Scratch pad

Output pane

Data Output Explain Messages History

cid	name	city	discount
character(4)	text	text	numeric(5,2)

OK. Unix Ln 60, Col 1, Ch 1025 267 chars 0 rows. 19 msec